

TOWERS' INTERNATIONAL MICROPROCESSOR SELECTOR

BY T. D. TOWERS

OVER
7000
MICRO-
PROCESSORS
INCLUDED

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Preface

If you come into contact with microprocessors (whether as hobbyist, student, circuit engineer, programmer, buyer, teacher, serviceman, or just humble reader) you often find you would like data information on a specific microcircuit element. Specifications apart, you may be even more interested in where you can get the device in question. And perhaps even more important still (particularly with obsolete devices), you may be looking for guidance on a readily-available second source or possible substitute.

This microprocessor selector (working on the same basis as the TRANSISTOR, FET, and OPAMP LINEAR-IC selectors already compiled by the author) is designed to provide in one handy reference volume a comprehensive body of readily-accessible, user-slanted essential information across the field of microprocessors.

In the data tabulations will be found set out the essential basic specifications of over 7,000 commercially-available microprocessor 'chips', including not only the microprocessor elements themselves (e.g. MPUs and CPUs) but also the many other LSI 'support' circuits (e.g. ROMs, RAMs, PROMs, clocks, UARTs, I/Os) normally used in harness with the microprocessors proper to produce complete microcomputers or microcontrollers. For ease of reference, the descriptions and control specifications of the individual circuits are set out in the detailed data tables on separate single lines, arranged in alpha-numeric order by type number.

For the newcomer to the very new field of microprocessors, the selector includes a full introductory note on these devices before the data tables.

Besides this, the tables are supplemented by separate appendices giving additional information on: (a) Microprocessor chip applications (and codings); (b) Microprocessor 'families'; (c) Microprocessor LSI chip manufacturers (and codings); (d) Semiconductor LSI technologies (and codings); (e) Microprocessor chip packages (and codings); (f) Microprocessor trainer and development systems; (g) Microprocessor bibliography; (h) Manufacturers' house codes; (i) Glossary of microprocessor terms; (j) Explanatory notes to tabulations.

Microprocessors became commercially available only from the early 1970's, and it is difficult to keep pace with the explosive developments in the field. Every reasonable care has been taken to ensure accuracy of information in the tables and appendices, but no responsibility can be accepted for inaccuracies that may have arisen. The user who wishes fuller technical information on microprocessors beyond what it has been possible to pack into the confines of this book should consult the data issued by the manufacturers indicated.

This selector is fully international in scope and covers not only microprocessors and related devices from the USA and Continental Europe, but also from the UK and the Far East (Japan).

Contents

| | | |
|----------|--|------------|
| | An Introduction to the Microprocessor | ix |
| | Data Tabulations | 1 |
| | Appendices | |
| A | Microprocessor Chip Applications (and Codings) | 197 |
| B | Microprocessor 'Families' | 199 |
| C | Microprocessor LSI Chip Manufacturers (and Codings) | 212 |
| D | Semiconductor LSI Technologies (and Codings) | 216 |
| E | Microprocessor Packages (and Codings) | 217 |
| F | Microprocessor Trainer and Development Systems | 218 |
| G | Microprocessor Bibliography | 232 |
| H | Manufacturers' House Codes | 237 |
| I | Glossary of Microprocessor Terms | 238 |
| J | Explanatory Notes to Tabulations | 243 |

An Introduction to the Microprocessor

In the 1950's, the transistor largely superseded the vacuum tube as the amplifying or switching active element in electronic circuits.

In the 1960's, the IC (integrated circuit) with a number of transistors internally interconnected within a small chip of silicon was developed to provide a commercial range of low-cost, industry-standard linear (analog) and switching (digital) ICs. As a result, by the end of the 1960's, ICs had taken over most of the work in electronic circuitry done up till then by discrete (individual single) transistors.

The takeover by ICs from discrete transistors was particularly evident in the digital switching field, where one family of ICs, the TTL (transistor-transistor-logic) became a *de-facto* standard. Initially TTL ICs were *SSI* (small-scale-integration) with relatively few transistors in the chip (typically less than 25, equivalent to some 10 switching circuits or 'gates'). As fabrication techniques improved, new *MSI* (medium-scale-integration) TTL ICs became available with up to about 250 transistors (100 gates) in the chip. By the end of the 1960's, *LSI* (large-scale-integration) ICs were appearing with up to 2500 transistors or 1000 gates in a chip. These were followed in the 1970's by *VLSI* (very-large-scale-integration) ICs with up to 25,000 transistors or 10,000 gates in the chip.

Against this background of technical development in digital ICs, it is not surprising that in 1969, a Japanese office-machine company, *Busicom*, asked a US semiconductor company, *Intel*, to develop for them a set of silicon digital integrated circuits ('chips') for the electronics of a printer-calculator. *Intel* were authorised to market the IC set for non-calculator applications. It contained four separate chips, type numbered from 4001 to 4004, which could be used together to produce a limited-capability general-purpose small computer, operating on 4-bit data words. The most important chip in the set was the 4004 central processing unit for the computer system and because of this the chip set is usually known as the 4004 microprocessor family.

At about this time also, *Datapoint*, a US manufacturer of computer data terminals, apparently asked *Intel* (as well as another US semiconductor company, *Texas Instruments*) to produce a set of chips for use in a general-purpose computer. *Intel* succeeded in producing a chip set, but it proved too slow for *Datapoint's* specific requirements. In 1971, therefore, *Intel* decided to offer it on the open market, as the *MCS-8* chip set (more commonly known as the 8008 family, because 8008 was the type number of the central processing unit, the most important chip in the set). Using an 8-bit data word, the *Intel* 8008 family marked the first generation of 'true' microprocessor integrated circuits. In this context, the term microprocessor is used for a single IC chip (or small-number

set of chips) capable of performing the functions of a central processor or central processing unit (CPU) of a general purpose computer.

Terminology

Newcomers to the microprocessor field, particularly those with limited experience of standard digital computer electronics, tend to find confusing the terminology commonly used in it. The *microprocessor* itself has been defined immediately above. When the microprocessor chips are used in a computer, the central processing unit may often be found referred to as a micro-processing-unit or MPU.

The *microcomputer*, to be distinguished from the microprocessor, is the assembly of microprocessor chips mounted on printed circuit board(s) which makes up the internal electronics of a small-sized computer. Nowadays the term microcomputer implies the use of microprocessor chips for the central processor. The microcomputer assembly will normally include separate chips for data memory storage and for interfacing to external read-in and read-out devices ('peripherals') such as keyboards, printers, etc., but does not include the peripherals themselves.

The *microcomputer-system* is the complete computer in its housing ready for use with all necessary peripherals connected up.

Sometimes a microprocessor may be found referred to as a '*computer-on-a-chip*', although most microprocessors currently require several additional different chips used in harness with them before they can function in a realistic manner as a computer.

From the middle of the 1970's, however, semiconductor technology has advanced so far that it is now possible to fabricate all the required elements (microprocessor, program memory, data memory, input-output interfaces and master-clock) for a general-purpose digital processing and control system in a single large LSI chip. For such a microprocessor, the description '*computer-on-a-chip*' is valid, although it will usually be found referred to as a 'single-chip', 'one-chip' or 'monochip' microcomputer. Most commonly, however, the term '*microcontroller*' will be found used for single-chip microcomputers, because these find their widest use in the area of industrial control.

Newcomers to microprocessors, particularly those with little experience of standard computers, may find useful the selected glossary (*Appendix 1* after the data tabulations) of special computer terms commonly used in the micro-processor field.

Microprocessor Chip Sources

During the 1970's many semiconductor device manufacturers followed Intel into the business of making microprocessor chips. Each tended to use its own system design concepts, and this led to many different families of chips appearing on the market.

As might be expected, already-established semiconductor companies like Fairchild, General Instruments, Motorola, National, Raytheon, RCA, Signetics and Texas Instruments in the USA have featured prominently. In Western Europe microprocessor chips have come from companies like AEG-Telefunken, Ferranti, Plessey, SGS/ATES, Siemens and Thomson-CSF and in Japan from Fujitsu, Hitachi, Matsushita, Mitsubishi, NEC and Toshiba.

Apart from the standard semiconductor device manufacturers referred to above, a number of specialist companies have entered directly into the field of microprocessor chip production. These include Advanced Micro Devices, American Microsystems, Hughes, Harris, Intel, Intersil, Monolithic Memories, Mos Technology, Mostek, Rockwell, Solid State Scientific, Synertek and Zilog.

Nowadays, there are in total more than fifty manufacturers of microprocessor chips, although some of these are 'second-sourcing' only, i.e. manufacturing to the designs of other makers. *Appendix C* (following the data tabulations) provides information on the microprocessor chip manufacturers in operation through the 1970's into the 1980's.

If you want only a few microprocessor chips, you would normally buy them through one of the retail distributor outlets which will be found widely advertised in the electronic journals which are sold on newsstands and through newsagents, and particularly in the many popular magazines devoted to microprocessor design. If you cannot locate a retail outlet with the chip you want, you can obtain information on where to get it from the manufacturer himself or from his local office or representative as listed in the detailed directory of chip manufacturers given in *Appendix C*.

Microprocessor Chip Fabrication

A number of different semiconductor device fabrication methods (set out in *Appendix D*) are used in the production of commercial microprocessor chips. The main differences from a user point of view between the different LSI fabrication technologies used lie in (a) switching speed, (b) number of separate dc power supply rails, (c) power consumption, (d) digital signal voltage levels (particularly where mixing of different LSI chips is involved), and (e) cost.

In practice the average microprocessor chip user does not have to concern himself unduly with what LSI technology has been used. He ought to be able to distinguish between 'bipolar' (where the transistors inside the chips are conventional bipolar transistors) and 'MOS' (where field-effect unipolar mosfet transistors are used in the chip). Bipolar chips have the advantage of generally using a single standard +5V dc supply, as used in the universal-standard TTL digital ICs often employed as ancillaries to microprocessor chips. They are also generally faster than MOS. MOS chips sometimes require more than one dc supply rail, although many modern MOS chips are designed for single-dc-rail use. NMOS is generally faster than PMOS, and CMOS tends to be slower than both the others. CMOS has one big advantage in that its standby current requirement is very low, a factor that makes CMOS useful where battery operation is one of the design requirements.

Microprocessor Chip Packages

Microprocessor silicon chips are normally supplied to the user in a sealed package with external leads for making electrical connections to. Typically the package is about 5 cm long, 1.5 cm wide and 0.3 cm thick, with many (commonly up to 40 and occasionally up to 64) electrical connection pins coming out along the long edges.

The commonest package type is known as 'dual-in-line' abbreviated *DIL*=Dual-In-Line or *DIP*=Dual-In-line Package). Although microprocessor chips are sometimes sold in packages other than dual-in-line (see detailed outlines in *Appendix E* following the data tables), in practice the dual-in-line is by far the commonest. This is so much so that you will often find 'chip' used loosely when DIL is meant.

Packages for microprocessor chips can be made from plastic, ceramic, glass or metal. Plastic packages are cheapest, and are generally used for uncritical applications, where the ambient temperature is kept within the range 0°C to 75°C. Ceramic packages (generally marginally more costly than plastic) can be used also for these uncritical applications. For industrial (typically -35°C to +85°C) and military (typically -55°C to +125°C) applications a hermetically-sealed package virtually impervious to moisture is normally required. This usually calls for glass-sealed closure with ceramic, glass or metal body, and inevitably leads to a more expensive package cost.

The package material is usually specified by a coding alphanumeric suffix at the end of the device type number. Each manufacturer uses his own package-material indication

code. As yet there is no agreed industry-standard coding for package material.

Microprocessor Chip Types Available

The designer of a family of chips to be used for a microcomputer would obviously like to fit all the logic circuits into a single chip, but the number of logic-gates that can be fabricated on a reasonably-sized chip is limited both by production yields and by the number of leadouts practicable in the package. With packages currently normally limited at most to about 64 leadouts, the chip designer has usually to partition his overall design into a number of separate chips to be interconnected ultimately on a printed circuit board.

The electronic function performed by any individual microprocessor chip depends very much on the 'architecture' of the microcomputer, i.e. how the various functional sections are divided up among the individual units in the chip set. Some idea of the various different functional types of microprocessor chips commercially available can be obtained from the detailed applications listing given at *Appendix A*. The listing also shows the mnemonic codings adopted for these in the body of the data tables where the main characteristics of commercially-available microprocessor chips are tabulated.

Commercial chips tend to fall into four main groups related to the main sections of a computer: (1) *Central processor*, (2) *Memories* (erasable and non-erasable), (3) *Internal interfaces*, and (4) *I/O (input/output)* to and from peripheral equipments.

The *central processor* has two main sections (the control unit and the arithmetic-logic unit), and in some microprocessors, separate chips are used for these. However, most recent designs fit all the sections of the central-processor into a single-chip CPU.

A computer needs three main types of storage (*memory*) chips for digital information: (1) *RAM=Random Access Memory* for fast-access temporary storage and recovery of data information (also known as Read/Write memory); (2) *ROM=Read-Only-Memory*, for permanent retention of data information; (3) *External back-up storage* with data information recorded not in a semiconductor chip but on some external medium like magnetic tape, magnetic disk or punched tape and recoverable only relatively slowly, speed of recovery being physically limited by mechanical considerations.

There are two main types of RAMs available commercially – static and dynamic. Static RAMs, once the data has been recorded ('written' or 'read-in'), will hold it indefinitely ready

for read-out, so long as the dc power supply is maintained. Dynamic RAMs by contrast require not only that the dc supply be maintained but that the memory be continuously repetitively 'refreshed' (i.e. all the data read out and rerecorded back again at least 500 times per second). This may call for some kind of separate memory control chip.

Many ROM chips are readily commercially available. They may be:

1. *MROM='Masked' ROM* in which data is inerascably recorded by the manufacturer;
2. *PROM=Programmable ROM* in which the user himself can inerascably store his data, a process known as 'blowing' the PROM;
3. *EPROM=Erascable PROM* which the user can program (store data in) by applying suitable electrical signals to the device terminals, and later, if he wishes, wipe out this stored data by illuminating the chip with ultraviolet light through a quartz window in the package top, and reprogram the EPROM to hold different data;
4. *EAROM=Electrically Alterable ROM*, in which the user can erase previously recorded data and write-in new data by applying suitable electrical signals to the chip terminals, without the need for ultraviolet erasure.

Internal interface chips include such items as dynamic-RAM refresh units, interelement buffers and latches, clock oscillators, direct memory access controllers, interrupt control units, priority interrupt controllers, timer-counters and shift registers.

I/O (Input/Output) chips are the circuits that interface the microprocessor to the outside world. Typical I/O circuits commercially available are communications interfaces, cassette controller, line driver, keyboard encoder, and VDU (visual display unit) controller. Apart from the central processor and memory chips referred to immediately above, the I/O chips form the most numerous category due to the large number of different types of peripheral equipments used in complete microcomputer systems.

As LSI fabrication techniques have improved, it has proved possible to cram more and more functions into a single chip. It is common now to put the central processor, internal interface and rapid-access memory circuits into one chip, but because of the great variety of different peripheral equipments, the tendency is still to have the I/O circuits on separate chips.

While looking at microprocessor chips, you should not overlook the vast array of standard TTL and CMOS digital ICs

on the market, which can be used in harness with the microprocessor chips to extend their capabilities.

Software, Hardware and Firmware

In a computer you will find 'hardware', 'software' and sometimes 'firmware'.

The hardware is the various electronic circuits and electromechanical devices which receive data input information from the operator, store and logically process it and feed back the resultant output to him again. The hardware can be external or internal.

The external hardware comprises electromechanical things like printers, video displays, keyboards, magnetic tape or disk handling equipments, punched tape handlers, teletypes and punched card equipments.

The internal hardware comprises all the electronic digital logic units which process the data fed into the computer and feed out the results to the external hardware elements. The internal hardware is usually put together in the form of printed circuit boards or cards with electronic devices mounted on them with appropriate electrical interconnections. With the arrival of the semiconductor large-scale-integration and the packing of many semiconductor devices into a single chip, cards have become much smaller with relatively few separate individual ('discrete') devices around a small number of microprocessor chips.

Sometimes the software program is indelibly imprinted as groups of digital bits in an LSI silicon read-only memory (ROM) chip and the appellation 'firmware' is given to it, since it is a program (software) inerasably recorded in a piece of semiconductor material (hardware).

More often, however, the software program is: (a) recorded on paper as a list of written instructions to be introduced manually into the computer by the operator via a keyboard, (b) recorded on a magnetic tape to be entered ('read') into the computer via a magnetic tape reader, (c) recorded as sets of holes across a punched paper or plastic tape to be read in by a paper-tape reader, (d) recorded as a string of digital bits on a magnetic disk to be read into the computer via a read/write head, or (e) recorded as holes in punched cards from which the information is transferred into the computer by a punched-card reader.

To the run-of-the-mill digital designer, 'software' tended to be an unknown quantity in the 1970's, but he had to bring himself to the realisation that he was entering a completely new era.

In the traditional 'hard-wired' or 'dedicated' logic systems, a number of standard off-the-shelf digital ICs and discrete

semiconductor devices were interconnected by permanent wiring (usually on a printed circuit board). Any changes in the design were effected by changing the interconnection wiring pattern and often also the ICs used.

With the new microprocessors, designers had to adapt to a different design method, which might be called 'soft-wired' logic. Here an assembly of microprocessor chips are interconnected in a permanent standard circuit configuration. This fixed circuit assembly can then be made to carry out different functions, not by changing the wiring (as was necessary with dedicated logic) but by changing the stored program which controls the microprocessor operation. Traditionally in the computing field, designers were either hardware or software men but seldom skilled in both disciplines. In the new microprocessor era, the designer has to have both hardware and software skills.

Microprocessor Families

Many different semiconductor manufacturers went into the business of making microprocessor chips in the 1970's, using a variety of different basic design philosophies. This led during that decade to a proliferation of many different families of chips. For the record, *Appendix B* sets out in detail all the chip families that are or have been on the market. Out of these, as might be expected, the types developed by the larger semiconductor manufacturers tended to become industry 'workhorses', and soon were second-sourced and ultimately multi-sourced by other makers.

The front-running makers, apart from the originators, Intel (as noted earlier), proved in time to be Texas Instruments, Motorola, National, with RCA, General Instruments, MOS Technology, Zilog, Fairchild, Mostek, Intersil and Rockwell showing well.

If we take all the microprocessor chips currently available (excluding second sources and functional equivalents), there are now well over a hundred essentially different types to choose from. And this does not include the various chips which are just upgrading in temperature or speed performance of the basic chips.

You can classify microprocessor chip families in several ways. Probably the most important selection characteristic is the number of bits used in the data word. This can range from 1-bit (e.g. General Instrument SBA), through 2-bit (e.g. Intel 3000), 4-bit (e.g. Texas Instruments TMS1000), 8-bit (e.g. Motorola 6800), 12-bit (e.g. Intersil 6100), to 16-bit (e.g. Zilog Z8000). It is only in the 1980's that the 32-bit microprocessor emerges.

Some chips can be run in parallel to produce larger data-

word system. These elemental chips, known as 'bit-slice' types, are available in 2-bit (e.g. Intel 3000), 4-bit (e.g. Texas Instruments SN74LS481) or 8-bit (e.g. Fairchild F100220).

By the beginning of the 1980's available microprocessor chips had fallen into three main functional groups: (1) single-chip, (2) multi-chip and (3) bit-slice.

One of the most interesting developments of the 1970's was the *single-chip microcomputer* or 'microcontroller'. This is designed so that all the internal logic circuits are in a single chip, including the CPU, ROM, RAM, I/O (input/output) circuits and clock. A typical example of these one-chip microcontrollers is the Zilog Z8. In *Table 1* below you will find set out a list of the currently commercially available single-chip microcomputers.

Multi-chip microprocessors need more than one chip to produce an operational system. The majority of microprocessor families currently available are of this type. *Table 2* provides an abbreviated listing of these.

This synoptic survey of commercial microprocessor chips is completed in *Table 3*, where you will find a list of the *bit-slice* families referred to earlier.

Among microprocessor chips the most essential elements are, of course, the processor itself, usually referred to as a CPU (central processing unit) or MPU (microprocessing unit). Usually these are the chips from which the overall family number is derived. For example, the '6800' family gets its number from the MC6800 CPU chip, although for a complete working computer system the internal hardware required other chips in the family such as the 6810 RAM, 6820 PIA (peripheral interface adapter), 6830 ROM, and the 6850 CIA (communications interface adapter).

Incidentally, once a microprocessor chip has become a de-facto standard and is manufactured by more than one maker, it is common to drop any prefixes and refer to the device by the pure number part of the type number. For example the first best-known CPU chip is possibly the Intel C8080 and engineers familiarly refer to this now as the 'eight-oh-eight-oh'. The equally well-known Motorola MC6800 is the 'sixty-eight-hundred' to those working with it, and the Texas Instrument TMS9900 is usually found referred to simply as the 'ninety-nine-hundred'.

Manufacturers' Microprocessor Chip House Codes

There is no industry-standard system of type numbering for microprocessor chips. Each manufacturer uses his own in-house code numbering, usually distinguished by a prefix peculiar to him.

Many microprocessor chips are second sourced, i.e. produced by more than one maker. With these it is common to retain the numeric part of the type number allocated to the device by the original manufacturer. For example, the MC6800 first manufactured by Motorola was later to appear under the number F6800 when manufactured by Fairchild.

Prefixes used by the better-known microprocessor chip suppliers are: Advanced Micro Devices=AM, DS, MC or no prefix; American Microsystems=S; Data General=MN; Electronic Arrays=EA or L; EMM-SEMI=EMM or SEMI; Fairchild=CCD, F, M or no prefix; Ferranti=F or ZN; General Instrument=CP, ER, IOB, LP, MUX, PIC, RA or RO; Intel=B, C, H, MD or P; Monolithic Memories=MMI or no prefix; MOS Technology=MCS; Mostek=MK; Motorola=MC, MCM, MM, MMH, MPQ, or XC; National Semiconductor=INS, IDM or MM; NEC= μ COM, μ PB, μ PC, or μ PD; Philips-Signetics=GXB, GZF, HEF, N, S, or no prefix; Raytheon=R; Siemens=HYB or SAB; Signetics (see Philips); Synertek=SY, SYC or SYP; Texas Instruments=SBP, SN, SMC, TMS or TIM; Western Digital=FD or UC; and Zilog=Z. *Appendix H* lists microprocessor manufacturers' house-code prefixes in alphanumeric order.

Bibliography

From 1975 onwards a vast number of books and magazines have appeared on the subject of microprocessors. A newcomer may find difficulty in finding reading matter to suit his technical level. In this connection, the select bibliography at *Appendix G* (after the data tables) may be of some guidance on what reading material there is.

Microprocessor Training

It is virtually impossible to design microprocessor electronic systems without some 'hands-on' experience with chip hardware. Microprocessor system development aids are commercially available from a modest printed circuit board assembly costing around £100 (\$200) up to an industrial development system complete with console, disk memories, VDUs, printer, keyboard, etc., costing anything up to £25,000 (\$50,000).

The listing of microprocessor trainer and development systems given in *Appendix F* is designed to help the tyro microprocessor designer to find his way about the available design aids.

Table 1

SINGLE-CHIP MICROPROCESSORS/MICROCONTROLLERS

| | |
|--|--|
| <p><i>(1-bit Data-word)</i></p> <p>SBA (General Instrument)</p> | <p><i>(8-bit Data-word – cont.)</i></p> <p>2920 (Intel) 87C48 (Intersil) R6500/1 (Rockwell) Z8 (Zilog) CDP1804 (RCA) SMS300 (Scientific Microsystems) INS 8070 (National) μCOM 87</p> |
| <p><i>(4-bit Data-word)</i></p> <p>TMS1000 family (Texas Instruments) PPS-4/1 (Rockwell) μPD545 (NEC) COPS II – 400 family (National) COPS I – MM5799 (National) S2000 (American Microsystems) CR1872 (Western Digital) MB8840 (Fujitsu) TCL41, 43, 45 (Toshiba) MN1400, 1500 (Matsushita) ITT7151 (ITT) M58850XXP (Mitsubishi)</p> | <p><i>(16-bit Data-word)</i></p> <p>MC2 (Hewlett Packard) 9940 (Texas Instruments) 1445 (NEC)</p> |
| <p><i>(8-bit Data-word)</i></p> <p>8048 family (Intel) 3870 family (Mostek) MC6801/5 (Motorola) PIC1650 (General Instrument)</p> | |

Table 2

MULTI-CHIP MICROPROCESSORS

| | | | |
|----------------------------|---|---------------------------------|---------------------------|
| | <i>(1-bit Data-word)</i> | | <i>(12-bit Data-word)</i> |
| MC14500 (Motorola) | | IM6100 (Intersil) | |
| | <i>(4-bit Data-word)</i> | TLCS-12A (Toshiba) | |
| MM5782 – COPS I (National) | | | <i>(16-bit Data-word)</i> |
| PPS-4, 4/2 (Rockwell) | | 8086 (Intel) | |
| 4040/4004 (Intel) | | MC68000 (Motorola) | |
| | <i>(8-bit Data-word)</i> | Z8000 (Zilog) | |
| 8080/8085 (Intel) | | TMS9900 (Texas) | |
| MC6800/6802 (Motorola) | | T40L (Toshiba) | |
| Z80 (Zilog) | | Micronova (Data General) | |
| 8008 (Intel) | | CP1600 (General Instrument) | |
| 8060 – SC/MP II (National) | | 8096 (National) | |
| SC/MP I (National) | | MCP1600 (Western Digital) | |
| R6502 (Rockwell) | | INS8900 = PACE, NMOS (National) | |
| CDP1802 (RCA) | | NS16000 (National) | |
| 2650 (Signetics) | | F100L (Ferranti) | |
| 8X300 (Signetics) | | LSI-11/2 (Digital Equipment) | |
| F8 (3850) | | MN1610 (Panafacom) | |
| LP8000 (Fairchild) | | PACE, PMOS (National) | |
| M380 (SGS/ATES) | | SBP9900 (Texas) | |
| PPS-8 (Rockwell) | | MIPROC-16 (Plessey) | |
| | | 29116 (Advanced Micro Devices) | |
| | <i>(8/16-bit Data-word = 'pseudo 16-bit')</i> | | |
| MC6809 (Motorola) | | | |
| 8088 (Intel) | | | |
| 9980 (Texas) | | | |
| S6516 (Synertek) | | | |
| 8089 (Intel) | | | |

Table 3

'BIT-SLICE' MICROPROCESSORS

(2-bit Slice)

3000 (Intel)

(4-bit Slice)

SBP-0400 (Texas)

AM2900 (Advanced Micro Devices)

MC10800 (Motorola)

9440 (Fairchild)

74S481 (Texas Instruments)

6701 (Monolithic Memories)

IMP-4/8/16 (National)

F9405 (Fairchild)

(8-bit Slice)

F100220 (Fairchild)

Tabulations

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| A05XX | MROM | 4/8BIT | 8K=1024X8 MASK PROG. READ ONLY MEMORY | PPS4-8 |
| A07XX | MEM | 4-BIT | ROM-RAM/1024X8 ROM/116X4 RAM | PPS4-4/2 |
| A08XX | MEM | 4-BIT | ROM-RAM/704X8 ROM/72X4 RAM | PPS4-4/2 |
| A17XX | RAROM | 4-BIT | ROM-RAM-IO/2048X8 ROM/128X4 RAM/16 I-O PORTS | PPS-4/2 |
| A20XX | MEM | 4-BIT | ROM-RAM/12K=1536X8 ROM/512=128X4 RAM | PPS4-4/2 |
| A21XX | RAROM | 8-BIT | ROM-RAM-IO/16K=2048X8 ROM/512=64X8 RAM/17 I-O PORTS | PPS-8/2 |
| A22XX | RAROM | 8-BIT | ROM-RAM-IO/8K=1024X8 ROM/512=64X8/17 IO PORTS | PPS-8/2 |
| A23XX | RAROM | 4-BIT | ROM-RAM-IO/8K=1024X8 ROM/512=64X8/16 IO PORTS | PPS-4/2 |
| A52XX | MROM | 8-BIT | 16K=2048X8 MASK PROGRAMMABLE READ ONLY MEMORY | PPS4-8 |
| A66XX | MROM | 8-BIT | 32K=4096X8 MASK PROGRAMMABLE READ ONLY MEMORY | PPS4-8 |
| A76XX(MM76) | MICMP | 4-BIT | MROM DEDICATED VERSION OF PPS-4/1 (MM76) | PPS-4/1 |
| A77XX(MM77) | MICMP | 4-BIT | MROM DEDICATED VERSION OF PPS-4/1 (MM77) | PPS-4/1 |
| A78XX(MM78) | MICMP | 4-BIT | MROM DEDICATED VERSION OF PPS-4/1 (MM78) | PPS-4/1 |
| A1799 | RAMZO | 4-BIT | ROM-RAM-IO/DISABLED ROM/128X4 RAM/16 I-O PORTS | PPS-4/2 |
| A2199 | RAROM | 8-BIT | ROM-RAM-IO/DISABLED ROM/512=64X8 RAM/17 IO PORTS/PROG. DEVELOPMT. | PPS-8/2 |
| A2399 | RAROM | 4-BIT | ROM-RAM-IO/DISABLED ROM/512=64X8/ 16 IO PORTS/PROG. DEVELOPMENT | PPS-4/2 |
| A7698(MM76) | MICMP | 4-BIT | PPS-4/1(MM76) ROMLESS PROTOTYPING CIRCUIT FOR PPS-4/1(MM76) CHIP | PPS-4/1 |
| A7798(MM77) | MICMP | 4-BIT | PPS-4/1(MM76) ROMLESS PROTOTYPING CIRCUIT FOR PPS-4/1(MM77) CHIP | PPS-4/1 |
| A7898(MM78) | MICMP | 4-BIT | PPS-4/1(MM78) ROMLESS PROTOTYPING CIRCUIT FOR PPS-4/1(MM78) CHIP | PPS4-1 |
| AM25LS240ADC | BUFFR | 8-BIT | OCTAL BUFFERS-LINE-DRIVERS/TWO 4-BUFFER ENABLE LINES/INVERTING | GEN. PURP. |
| AM25LS240ADM | BUFFR | 8-BIT | OCTAL BUFFERS-LINE-DRIVERS/TWO 4-BUFFER ENABLE LINES/INVERTING | GEN. PURP. |
| AM25LS240APC | BUFFR | 8-BIT | OCTAL BUFFERS-LINE-DRIVERS/TWO 4-BUFFER ENABLE LINES/INVERTING | GEN. PURP. |
| AM25LS240AXC | BUFFR | 8-BIT | OCTAL BUFFERS-LINE-DRIVERS/TWO 4-BUFFER ENABLE LINES/INVERTING | GEN. PURP. |
| AM25LS240AXM | BUFFR | 8-BIT | OCTAL BUFFERS-LINE-DRIVERS/TWO 4-BUFFER ENABLE LINES/INVERTING | GEN. PURP. |
| AM25LS241ADC | BUFFR | 8-BIT | OCTAL BUFFERS-LINE-DRIVERS/TWO 4-BUFFER ENABLE LINES/NON-INV. | GEN. PURP. |
| AM25LS241ADM | BUFFR | 8-BIT | OCTAL BUFFERS-LINE-DRIVERS/TWO 4-BUFFER ENABLE LINES/NON-INV. | GEN. PURP. |
| AM25LS241APC | BUFFR | 8-BIT | OCTAL BUFFERS-LINE-DRIVERS/TWO 4-BUFFER ENABLE LINES/NON-INV. | GEN. PURP. |
| AM25LS241AXC | BUFFR | 8-BIT | OCTAL BUFFERS-LINE-DRIVERS/TWO 4-BUFFER ENABLE LINES/NON-INV. | GEN. PURP. |
| AM25LS241AXM | BUFFR | 8-BIT | OCTAL BUFFERS-LINE-DRIVERS/TWO 4-BUFFER ENABLE LINES/NON-INV. | GEN. PURP. |
| AM25LS25400C | BUFFR | 8-BIT | OCTAL-BUFFERS-LINE-DRIVERS/SEP. IP AND OP ENABLE LINES/INVERTING | GEN. PURP. |
| AM25LS25400M | BUFFR | 8-BIT | OCTAL-BUFFERS-LINE-DRIVERS/SEP. IP AND OP ENABLE LINES/INVERTING | GEN. PURP. |
| AM25LS25400PC | BUFFR | 8-BIT | OCTAL-BUFFERS-LINE-DRIVERS/SEP. IP AND OP ENABLE LINES/INVERTING | GEN. PURP. |
| AM25LS25400XC | BUFFR | 8-BIT | OCTAL-BUFFERS-LINE-DRIVERS/SEP. IP AND OP ENABLE LINES/INVERTING | GEN. PURP. |
| AM25LS25400XM | BUFFR | 8-BIT | OCTAL-BUFFERS-LINE-DRIVERS/SEP. IP AND OP ENABLE LINES/INVERTING | GEN. PURP. |
| AM25LS25410C | BUFFR | 8-BIT | OCTAL-BUFFERS-LINE-DRIVERS/SEP. IP AND OP ENABLE LINES/NON-INV. | GEN. PURP. |
| AM25LS25410M | BUFFR | 8-BIT | OCTAL-BUFFERS-LINE-DRIVERS/SEP. IP AND OP ENABLE LINES/NON-INV. | GEN. PURP. |
| AM25LS25410PC | BUFFR | 8-BIT | OCTAL-BUFFERS-LINE-DRIVERS/SEP. IP AND OP ENABLE LINES/NON-INV. | GEN. PURP. |
| AM25LS25410XC | BUFFR | 8-BIT | OCTAL-BUFFERS-LINE-DRIVERS/SEP. IP AND OP ENABLE LINES/NON-INV. | GEN. PURP. |
| AM25LS25410XM | BUFFR | 8-BIT | OCTAL-BUFFERS-LINE-DRIVERS/SEP. IP AND OP ENABLE LINES/NON-INV. | GEN. PURP. |
| AM27LS00ADC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS00APC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS00BDC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS00DDC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS00DDM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 55NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS00DFM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 55NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS00LDC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 80NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS00LDM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 95NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS00LPC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 95NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS00LPM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 80NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS00LPC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS01ADC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS01APC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS01BDC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS01DDC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS01DDM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 55NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS01DFM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 55NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS01LDC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 80NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS01LDM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 95NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS01LPC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 95NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS01LPM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 80NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS01LPC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| AM27LS02DC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 55NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS02DDC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 65NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS02DDM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 55NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS02DFM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 55NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS02PC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 55NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS03DC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 55NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS03DDC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 65NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS03DDM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 55NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS03DFM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 55NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS03PC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 55NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS08DC | PROM | 8-BIT | 256=32X8/MAX. ACCESS 55NS/5X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS08DM | PROM | 8-BIT | 256=32X8/MAX. ACCESS 75NS/5X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS08DFM | PROM | 8-BIT | 256=32X8/MAX. ACCESS 75NS/5X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS09DC | PROM | 8-BIT | 256=32X8/MAX. ACCESS 55NS/5X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS09DM | PROM | 8-BIT | 256=32X8/MAX. ACCESS 55NS/5X 1CS ADDRESS LINES | GEN. PURP. |
| AM27LS09DFM | PROM | 8-BIT | 256=32X8/MAX. ACCESS 55NS/5X 1CS ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| ROK | . | PMOS | 0C/+70C | -15V | . | PMOS | PMOS | . | A05XX |
| ROK | . | PMOS | 0C/+70C | -15V | . | PMOS | PMOS | . | A07XX |
| ROK | . | PMOS | 0C/+70C | -15V | . | PMOS | PMOS | . | A08XX |
| ROK | . | PMOS | 0C/+70C | -15V | . | PMOS | PMOS | . | A17XX |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | . | PMOS | PMOS | . | A20XX |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | . | PMOS | PMOS | . | A21XX |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | . | PMOS | PMOS | . | A22XX |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | . | PMOS | PMOS | . | A23XX |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | . | PMOS | PMOS | . | A52XX |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | . | PMOS | PMOS | . | A66XX |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | 70TPMW | PMOS | PMOS | . | A76XX (MM76) |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | 70TPMW | PMOS | PMOS | . | A77XX (MM77) |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | 70TPMW | PMOS | PMOS | . | A78XX (MM78) |
| ROK | . | PMOS | 0C/+70C | -15V | . | PMOS | PMOS | . | A1799 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | . | PMOS | PMOS | . | A2199 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | 70TPMW | PMOS | PMOS | . | A2399 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | 70TPMW | PMOS | PMOS | . | A7698 (MM76) |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | 70TPMW | PMOS | PMOS | . | A7798 (MM77) |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | 70TPMW | PMOS | PMOS | . | A7898 (MM78) |
| ADM | DIL-20/1C | LSTB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM25LS240ADC |
| ADM | DIL-20/1C | LSTB | -55C/+125C | +5V | . | TTL | TTL-TS | . | AM25LS240ADM |
| ADM | DIL-20/1P | LSTB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM25LS240APC |
| ADM | CHP | LSTB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM25LS240AXC |
| ADM | CHP | LSTB | -55C/+125C | +5V | . | TTL | TTL/TS | . | AM25LS240AXM |
| ADM | DIL-20/1C | LSTB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM25LS241ADC |
| ADM | DIL-20/1C | LSTB | -55C/+125C | +5V | . | TTL | TTL/TS | . | AM25LS241ADM |
| ADM | DIL-20/1P | LSTB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM25LS241APC |
| ADM | CHP | LSTB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM25LS241AXC |
| ADM | CHP | LSTB | -55C/+125C | +5V | . | TTL | TTL/TS | . | AM25LS241AXM |
| ADM | DIL-20/1C | LSTB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM25LS2540DC |
| ADM | DIL-20/1C | LSTB | -55C/+125C | +5V | . | TTL | TTL/TS | . | AM25LS2540DM |
| ADM | DIL-20/1P | LSTB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM25LS2540PC |
| ADM | CHP | LSTB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM25LS2540XC |
| ADM | CHP | LSTB | -55C/+125C | +5V | . | TTL | TTL/TS | . | AM25LS2540XM |
| ADM | DIL-20/1C | LSTB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM25LS2541DC |
| ADM | DIL-20/1C | LSTB | -55C/+125C | +5V | . | TTL | TTL/TS | . | AM25LS2541DM |
| ADM | DIL-20/1P | LSTB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM25LS2541PC |
| ADM | CHP | LSTB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM25LS2541XC |
| ADM | CHP | LSTB | -55C/+125C | +5V | . | TTL | TTL/TS | . | AM25LS2541XM |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 525MXMW | TTL | TTL/TS | . | AM27LS00ADC |
| ADM | DIL-16/1P | LSTB | 0C/+75C | +5V | 525MXMW | TTL | TTL/TS | . | AM27LS00APC |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 235MXMW | TTL | TTL/TS | . | AM27LS00BDC |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 370MXMW | TTL | TTL/TS | . | AM27LS00DC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | +5V | 385MXMW | TTL | TTL/TS | . | AM27LS00DM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | +5V | 385MXMW | TTL | TTL/TS | . | AM27LS00FM |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 160MXMW | TTL | TTL/TS | . | AM27LS00LDC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | +5V | 165MXMW | TTL | TTL/TS | . | AM27LS00LDM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | +5V | 165MXMW | TTL | TTL/TS | . | AM27LS00LFM |
| ADM | DIL-16/1P | LSTB | 0C/+75C | +5V | 160MXMW | TTL | TTL/TS | . | AM27LS00LPC |
| ADM | DIL-16/1P | LSTB | 0C/+75C | +5V | 370MXMW | TTL | TTL/TS | . | AM27LS00PC |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 525MXMW | TTL | TTL/OC | . | AM27LS01ADC |
| ADM | DIL-16/1P | LSTB | 0C/+75C | +5V | 525MXMW | TTL | TTL/OC | . | AM27LS01APC |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 235MXMW | TTL | TTL/OC | . | AM27LS01BDC |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 370MXMW | TTL | TTL/OC | . | AM27LS01DC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | +5V | 385MXMW | TTL | TTL/OC | . | AM27LS01DM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | +5V | 385MXMW | TTL | TTL/OC | . | AM27LS01FM |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 160MXMW | TTL | TTL/OC | . | AM27LS01LDC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | +5V | 385MXMW | TTL | TTL/OC | . | AM27LS01DM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | +5V | 165MXMW | TTL | TTL/OC | . | AM27LS01FM |
| ADM | DIL-16/1P | LSTB | 0C/+75C | +5V | 160MXMW | TTL | TTL/OC | . | AM27LS01LPC |
| ADM | DIL-16/1P | LSTB | 0C/+75C | +5V | 370MXMW | TTL | TTL/OC | . | AM27LS01PC |
| ADM | DIL-16/1C | LSTB | 0C/+70C | +5V | 185MXMW | TTL | TTL/OC | . | AM27LS02DC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | +5V | 210MXMW | TTL | TTL/OC | . | AM27LS02DM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | +5V | 210MXMW | TTL | TTL/OC | . | AM27LS02FM |
| ADM | DIL-16/1P | LSTB | 0C/+75C | +5V | 185MXMW | TTL | TTL/OC | . | AM27LS02PC |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 185MXMW | TTL | TTL/TS | . | AM27LS03DC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | +5V | 210MXMW | TTL | TTL/TS | . | AM27LS03DM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | +5V | 210MXMW | TTL | TTL/TS | . | AM27LS03FM |
| ADM | DIL-16/1P | LSTB | 0C/+75C | +5V | 185MXMW | TTL | TTL/TS | . | AM27LS03PC |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 420MXMW | TTL | TTL/OC | . | AM27LS08DC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | +5V | 440MXMW | TTL | TTL/OC | . | AM27LS08DM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | +5V | 440MXMW | TTL | TTL/OC | . | AM27LS08FM |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 420MXMW | TTL | TTL/TS | . | AM27LS09DC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | +5V | 420MXMW | TTL | TTL/TS | . | AM27LS09DM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | +5V | 440MXMW | TTL | TTL/TS | . | AM27LS09FM |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| AM27LS10DC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| AM27LS10DM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| AM27LS10FM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| AM27LS11DC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| AM27LS11DM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| AM27LS11FM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| AM27LS12DC | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS | GEN. PURP. |
| AM27LS12DM | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS | GEN. PURP. |
| AM27LS13DC | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS | GEN. PURP. |
| AM27LS13DM | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS | GEN. PURP. |
| AM27S02ADC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 25NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S02ADM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 30NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S02AFM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 30NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S02APC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 25NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S02DC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S02DM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 45NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S02FM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 45NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S02PC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S03ADC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 25NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S03ADM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 30NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S03AFM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 30NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S03APC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 25NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S03DC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S03DM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 45NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S03FM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 45NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S03PC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S08DC | PROM | 8-BIT | 256=32X8/MAX. ACCESS 55NS/5X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S08DM | PROM | 8-BIT | 256=32X8/MAX. ACCESS 55NS/5X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S08DM | PROM | 8-BIT | 256=32X8/MAX. ACCESS 75NS/5X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S09DC | PROM | 8-BIT | 256=32X8/MAX. ACCESS 55NS/5X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S09DM | PROM | 8-BIT | 256=32X8/MAX. ACCESS 75NS/5X 1CS ADDRESS LINES | GEN. PURP. |
| AM27S10DC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| AM27S10DM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| AM27S11DC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| AM27S11DM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| AM27S80DC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/6X 4Y 4CS ADDRESS LINES | GEN. PURP. |
| AM27S80DM | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 275NS/6X 4Y 4CS ADDRESS LINES | GEN. PURP. |
| AM27S80XC | MROM | 8-BIT | 8K=1024X1/MAX. ACCESS 175NS/6X 4Y 4CS ADDRESS LINES | GEN. PURP. |
| AM27S81DC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/6X 4Y 4CS ADDRESS LINES | GEN. PURP. |
| AM27S81DM | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 275NS/6X 4Y 4CS ADDRESS LINES | GEN. PURP. |
| AM27S81XC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/6X 4Y 4CS ADDRESS LINES | GEN. PURP. |
| AM29LS18DC | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/LOW POWER AM2918DC | 2900 |
| AM29LS18DM | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/LOW POWER AM2918DM | 2900 |
| AM29LS18FM | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/LOW POWER AM2918FM | 2900 |
| AM29LS18PC | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/LOW POWER AM2918PC | 2900 |
| AM29LS18XC | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/LOW POWER AM2918XC | 2900 |
| AM29LS18XM | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/LOW POWER AM2918XM | 2900 |
| AM54LS181J | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| AM54LS181W | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| AM54LS181X | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| AM54S181J | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| AM54S181W | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| AM54S181X | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| AM54S189J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS, 1CE LINES | GEN. PURP. |
| AM54S189W | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS, 1CE LINES | GEN. PURP. |
| AM54S289J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS, 1CE LINES | GEN. PURP. |
| AM54S289W | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS, 1CE LINES | GEN. PURP. |
| AM66L88 | ADCVR | 4-BIT | HIGH SPEED 4-BIT QUANTIZER/LOW POWER/30MHZ TYP. SAMPLING | GEN. PURP. |
| AM74LS181J | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| AM74LS181N | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| AM74LS181X | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| AM74S181J | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| AM74S181N | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| AM74S181X | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| AM74S189J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS, 1CE LINES | GEN. PURP. |
| AM74S189N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS, 1CE LINES | GEN. PURP. |
| AM74S189J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS, 1CE LINES | GEN. PURP. |
| AM91L01ADC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L01ADM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L01AFM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L01APC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L01BDC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L01BDM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L01BFM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L01BPC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| ADM | DIL-16/1C | LSTB | 0C/+75C | . . . +5V | 420MXMW | . TTL | TTL/OC | . . . | AM27LS100C |
| ADM | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 440MXMW | . TTL | TTL/OC | . . . | AM27LS100M |
| ADM | FLP-16/3C | LSTB | -55C/+125C | . . . +5V | 440MXMW | . TTL | TTL/OC | . . . | AM27LS10FM |
| ADM | DIL-16/1C | LSTB | 0C/+75C | . . . +5V | 420MXMW | . TTL | TTL/TS | . . . | AM27LS110C |
| ADM | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 440MXMW | . TTL | TTL/TS | . . . | AM27LS110M |
| ADM | FLP-16/3C | LSTB | -55C/+125C | . . . +5V | 440MXMW | . TTL | TTL/TS | . . . | AM27LS11FM |
| ADM | DIL-16/1C | LSTB | 0C/+75C | . . . +5V | 525MXMW | . TTL | TTL/OC | . . . | AM27LS120C |
| ADM | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 550MXMW | . TTL | TTL/OC | . . . | AM27LS120M |
| ADM | DIL-16/1C | LSTB | 0C/+75C | . . . +5V | 525MXMW | . TTL | TTL/TS | . . . | AM27LS130C |
| ADM | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 550MXMW | . TTL | TTL/TS | . . . | AM27LS130M |
| ADM | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 525MXMW | . TTL | TTL/OC | . . . | AM27502ADC |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 550MXMW | . TTL | TTL/OC | . . . | AM27502ADM |
| ADM | FLP-16/3C | STLB | -55C/+125C | . . . +5V | 580MXMW | . TTL | TTL/OC | . . . | AM27502AFM |
| ADM | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 525MXMW | . TTL | TTL/OC | . . . | AM27502APC |
| ADM | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 550MXMW | . TTL | TTL/OC | . . . | AM27502DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 580MXMW | . TTL | TTL/OC | . . . | AM27502DM |
| ADM | FLP-16/3C | STLB | -55C/+125C | . . . +5V | 580MXMW | . TTL | TTL/OC | . . . | AM27502FM |
| ADM | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 550MXMW | . TTL | TTL/OC | . . . | AM27502PC |
| ADM | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 525MXMW | . TTL | TTL/TS | . . . | AM27503ADC |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 550MXMW | . TTL | TTL/TS | . . . | AM27503ADM |
| ADM | FLP-16/3C | STLB | -55C/+125C | . . . +5V | 580MXMW | . TTL | TTL/TS | . . . | AM27503AFM |
| ADM | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 525MXMW | . TTL | TTL/TS | . . . | AM27503APC |
| ADM | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 550MXMW | . TTL | TTL/TS | . . . | AM27503DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 580MXMW | . TTL | TTL/TS | . . . | AM27503DM |
| ADM | FLP-16/3C | STLB | -55C/+125C | . . . +5V | 580MXMW | . TTL | TTL/TS | . . . | AM27503FM |
| ADM | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 550MXMW | . TTL | TTL/TS | . . . | AM27503PC |
| ADM | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 100MXMA | . TTL | TTL/OC | . . . | AM27508DC |
| ADM | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 500MXMW | . TTL | TTL/OC | . . . | AM27508DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 100MXMA | . TTL | TTL/OC | . . . | AM27508DM |
| ADM | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 110MXMA | . TTL | TTL/TS | . . . | AM27509DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/TS | . . . | AM27509DM |
| ADM | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 110MXMA | . TTL | TTL/OC | . . . | AM27510DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/OC | . . . | AM27510DM |
| ADM | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/TS | . . . | AM27511DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/TS | . . . | AM27511DM |
| ADM | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 895MXMW | . TTL | TTL/OC | . . . | AM27580DC |
| ADM | DIL-24/2C | STLB | -55C/+125C | . . . +5V | 935MXMW | . TTL | TTL/OC | . . . | AM27580DM |
| ADM | CHP | STLB | 0C/+75C | . . . +5V | 895MXMW | . TTL | TTL/OC | . . . | AM27580XC |
| ADM | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 895MXMW | . TTL | TTL/TS | . . . | AM27581DC |
| ADM | DIL-24/2C | STLB | -55C/+125C | . . . +5V | 935MXMW | . TTL | TTL/TS | . . . | AM27581DM |
| ADM | CHP | STLB | 0C/+75C | . . . +5V | 895MXMW | . TTL | TTL/TS | . . . | AM27581XC |
| ADM | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 28MXMA | . TTL | TTL/TS | . . . | AM29LS18DC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 28MXMA | . TTL | TTL/TS | . . . | AM29LS18DM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | . . . +5V | 28MXMA | . TTL | TTL/TS | . . . | AM29LS18FM |
| ADM | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 28MXMA | . TTL | TTL/TS | . . . | AM29LS18PC |
| ADM | CHP | LSTB | 0C/+70C | . . . +5V | 28MXMA | . TTL | TTL/TS | . . . | AM29LS18XC |
| ADM | CHP | LSTB | -55C/+125C | . . . +5V | 28MXMA | . TTL | TTL/TS | . . . | AM29LS18XM |
| ADM | DIL-24/2C | LSTB | -55C/+125C | . . . +5V | 35MXMA | . TTL | TTL | . . . | AM54LS181J |
| ADM | FLP-24/4C | LSTB | -55C/+125C | . . . +5V | 35MXMA | . TTL | TTL | . . . | AM54LS181W |
| ADM | CHIP-DICE | LSTB | -55C/+125C | . . . +5V | 35MXMA | . TTL | TTL | . . . | AM54LS181X |
| ADM | DIL-24/2C | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/OC | . . . | AM54S181J |
| ADM | FLP-24/4C | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/OC | . . . | AM54S181W |
| ADM | CHIP-DICE | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/OC | . . . | AM54S181X |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/TS | DM54S189J | AM54S189J |
| ADM | FLP-16/3C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/TS | . . . | AM54S189W |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/OC | SN54S289J | AM54S289J |
| ADM | FLP-16/3G | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/OC | SN54S289W | AM54S289W |
| ADM | DIL-16/1C | NMOS | 0C/+70C | . . . -5V/+6V | 5507PWW | . . . | ECL | . . . | AM66L88 |
| ADM | DIL-24/2C | LSTB | 0C/+70C | . . . +5V | 37MXMA | . TTL | TTL | AM74LS181N | AM74LS181J |
| ADM | DIL-24/2C | LSTB | 0C/+70C | . . . +5V | 37MXMA | . TTL | TTL | AM74LS181J | AM74LS181N |
| ADM | CHIP-DICE | LSTB | 0C/+70C | . . . +5V | 37MXMA | . TTL | TTL | . . . | AM74LS181X |
| ADM | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 180MXMA | . TTL | TTL/OC | AM74S181N | AM74S181J |
| ADM | DIL-24/2P | STLB | 0C/+70C | . . . +5V | 180MXMA | . TTL | TTL/OC | AM74S181J | AM74S181N |
| ADM | CHIP-DICE | STLB | 0C/+70C | . . . +5V | 180MXMA | . TTL | TTL/OC | . . . | AM74S181X |
| ADM | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | DM74S189J | AM74S189J |
| ADM | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | SN74S189N | AM74S189N |
| ADM | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/OC | SN74S289J | AM74S289J |
| ADM | DIL-22/4C | NMOS | 0C/+70C | . . . +5V | 31MXMA | . TTL | TTL/TS | AM91L01BDC | AM91L01ADC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | . . . +5V | 31MXMA | . TTL | TTL/TS | AM91L01BDM | AM91L01ADM |
| ADM | FLP-24/3C | NMOS | -55C/+125C | . . . +5V | 31MXMA | . TTL | TTL/TS | AM9101BFM | AM91L01AFM |
| ADM | DIL-22/4P | NMOS | 0C/+70C | . . . +5V | 31MXMA | . TTL | TTL/TS | AM91L01APC | AM91L01APC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | . . . +5V | 31MXMA | . TTL | TTL/TS | AM91L01CDC | AM91L01BDC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | . . . +5V | 31MXMA | . TTL | TTL/TS | AM91L01CDM | AM91L01BDM |
| ADM | FLP-24/3C | NMOS | -55C/+125C | . . . +5V | 31MXMA | . TTL | TTL/TS | . . . | AM91L01BFM |
| ADM | DIL-22/4P | NMOS | 0C/+70C | . . . +5V | 31MXMA | . TTL | TTL/TS | . . . | AM91L01BPC |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| AM91L01CDC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 300NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L01CDM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 300NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L01CPC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 300NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L02ADC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02ADM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02AFM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02APC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02BDC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02BDM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02BFM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02BPC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02CDC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02CDM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02CPC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02CDC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02DM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02FM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L02PC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L11ADC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L11ADM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L11AFM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L11APC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L11BDC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L11BDM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L11BPC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L11BFM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L11CDC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 300NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L11CDM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 300NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L11CPC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 300NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| AM91L12ADC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L12ADM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L12AFM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L12APC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L12BDC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L12BDM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L12BFM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L12BPC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L12CDC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 300NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L12CDM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 300NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L12CPC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 300NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| AM91L30ADC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 500NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L30ADM | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 500NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L30BDC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 400NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L30BDM | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 400NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L30CDC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L30CDM | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L30DDC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L31CDC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS | GEN. PURP. |
| AM91L31CDM | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS | GEN. PURP. |
| AM91L31DDC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS | GEN. PURP. |
| AM91L40ADC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 500NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L40ADM | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 500NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L40BDC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 400NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L40BDM | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 400NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L40CDC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L40CDM | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| AM91L40DDC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| AM1101A | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1.5uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM1101A1 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1uS/ 4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM1101A1PC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1uS/ 4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM1101A51 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1.5uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM1101ADM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1.5uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM1101APC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1.5uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM1101AXC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1.5uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM1488PC | DRVR | 4-BIT | QUAD EIA LINE DRIVER/RS232C-CCITT-V24 | GEN. PURP. |
| AM1488XC | DRVR | 4-BIT | QUAD EIA LINE DRIVER/RS232C-CCITT-V24 | GEN. PURP. |
| AM1489APC | RCVR | 4-BIT | QUAD EIA LINE RECEIVER/SINGLE ENDED/RS232C/PROGRAMM. THRESHOLD | GEN. PURP. |
| AM1489AXC | RCVR | 4-BIT | QUAD EIA LINE RECEIVER/SINGLE ENDED/RS232C/PROGRAMM. THRESHOLD | GEN. PURP. |
| AM1489PC | RCVR | 4-BIT | QUAD EIA LINE RECEIVER/SINGLE ENDED/RS232C/PROGRAMM. THRESHOLD | GEN. PURP. |
| AM1489XC | RCVR | 4-BIT | QUAD EIA LINE RECEIVER/SINGLE ENDED/RS232C/PROGRAMM. THRESHOLD | GEN. PURP. |
| AM1603X | RCVR | 2-BIT | DUAL 3-STATE LINE RECEIVER | GEN. PURP. |
| AM1702A-1C | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 550NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| AM1702A-2C | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 650NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| AM1702AC | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS, 1CS LINES | GEN. PURP. |
| AM1702AE | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS 1CS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|-------------|----------------------|
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 34MXMA | TTL | TTL/TS | . | AM91L01CDC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | +5V | 34MXMA | TTL | TTL/TS | . | AM91L01CDM |
| ADM | DIL-22/4P | NMOS | 0C/+70C | +5V | 34MXMA | TTL | TTL/TS | . | AM91L01CPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 28MXMA | TTL | TTL/TS | AM91L02BDC | AM91L02ADC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | +5V | 28MXMA | TTL | TTL/TS | AM91L02BDM | AM91L02ADM |
| ADM | FLP-16/4C | NMOS | -55C/+125C | +5V | 28MXMA | TTL | TTL/TS | AM91L02BFM | AM91L02AFM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 28MXMA | TTL | TTL/TS | AM91L02BPC | AM91L02APC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 28MXMA | TTL | TTL/TS | AM91L02CDC | AM91L02BDC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | +5V | 28MXMA | TTL | TTL/TS | AM91L02CDM | AM91L02BDM |
| ADM | FLP-16/4C | NMOS | -55C/+125C | +5V | 28MXMA | TTL | TTL/TS | . | AM91L02BFM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 28MXMA | TTL | TTL/TS | AM91L02CPC | AM91L02BPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 31MXMA | TTL | TTL/TS | AM91L02CDM | AM91L02CDC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | +5V | 31MXMA | TTL | TTL/TS | AM91L02CDM | AM91L02CDM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 31MXMA | TTL | TTL/TS | AM91L02CDC | AM91L02CPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 28MXMA | TTL | TTL/TS | AM91L02CPC | AM91L02DC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | +5V | 28MXMA | TTL | TTL/TS | . | AM91L02DM |
| ADM | FLP-16/4C | NMOS | -55C/+125C | +5V | 28MXMA | TTL | TTL/TS | . | AM91L02FM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 28MXMA | TTL | TTL/TS | AM91L02ADC | AM91L02PC |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 31MXMA | TTL | TTL/TS | D2111A | AM91L11ADC |
| ADM | DIL-18/1C | NMOS | -55C/+125C | +5V | 31MXMA | TTL | TTL/TS | MD2111A | AM91L11ADM |
| ADM | FLP-16/4C | NMOS | -55C/+125C | +5V | 31MXMA | TTL | TTL/TS | . | AM91L11AFM |
| ADM | DIL-18/1P | NMOS | 0C/+70C | +5V | 31MXMA | TTL | TTL/TS | P2111A-4 | AM91L11APC |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 31MXMA | TTL | TTL/TS | D2111A-4 | AM91L11BDC |
| ADM | DIL-18/1C | NMOS | -55C/+125C | +5V | 31MXMA | TTL | TTL/TS | MD2111A | AM91L11BDM |
| ADM | DIL-18/1P | NMOS | 0C/+70C | +5V | 31MXMA | TTL | TTL/TS | P2111A | AM91L11BPC |
| ADM | FLP-16/4C | NMOS | -55C/+125C | +5V | 31MXMA | TTL | TTL/TS | . | AM91L11BFM |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 34MXMA | TTL | TTL/TS | D2111A-2 | AM91L11CDC |
| ADM | DIL-18/1C | NMOS | -55C/+125C | +5V | 55MXMA | TTL | TTL/TS | . | AM91L11CDM |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 34MXMA | TTL | TTL/TS | D2111A-2 | AM91L11CPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 31MXMA | TTL | TTL/TS | D2112A-4 | AM91L12ADC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | +5V | 31MXMA | TTL | TTL/TS | D2112A-4 | AM91L12ADM |
| ADM | FLP-16/3C | NMOS | -55C/+125C | +5V | 31MXMA | TTL | TTL/TS | . | AM91L12AFM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 31MXMA | TTL | TTL/TS | P2112A-4 | AM91L12APC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 31MXMA | TTL | TTL/TS | D2112A | AM91L12BDC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | +5V | 31MXMA | TTL | TTL/TS | MD2112A | AM91L12BDM |
| ADM | FLP-16/3C | NMOS | -55C/+125C | +5V | 31MXMA | TTL | TTL/TS | . | AM91L12BFM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 31MXMA | TTL | TTL/TS | P2112A | AM91L12BPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 34MXMA | TTL | TTL/TS | D2112A-2 | AM91L12CDC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | +5V | 34MXMA | TTL | TTL/TS | MD2112A-2 | AM91L12CDM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 34MXMA | TTL | TTL/TS | P2112A-2 | AM91L12CPC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | AM91L30BDC | AM91L30ADC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | +5V | 60MXMA | TTL | TTL/TS | AM91L30BDM | AM91L30ADM |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | AM91L30CDC | AM91L30BDC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | +5V | 60MXMA | TTL | TTL/TS | AM91L30CDM | AM91L30BDM |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | AM91L30DDC | AM91L30CDC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | +5V | 60MXMA | TTL | TTL/TS | . | AM91L30CDM |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | AM9130EDC | AM91L30DDC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 367MXMW | TTL | TTL/TS | . | AM91L31CDC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | +5V | 367MXMW | TTL | TTL/TS | . | AM91L31CDM |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 367MXMW | TTL | TTL/TS | . | AM91L31DDC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 367MXMW | TTL | TTL/TS | AM91L40BDC | AM91L40ADC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | +5V | 367MXMW | TTL | TTL/TS | AM91L40BDM | AM91L40ADM |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 367MXMW | TTL | TTL/TS | AM91L40CDC | AM91L40BDC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | +5V | 367MXMW | TTL | TTL/TS | AM91L40CDM | AM91L40BDM |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 367MXMW | TTL | TTL/TS | AM91L40DDC | AM91L40CDC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | +5V | 367MXMW | TTL | TTL/TS | . | AM91L40CDM |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 367MXMW | TTL | TTL/TS | AM9140EDC | AM91L40DDC |
| ADM | DIL-16/1C | PMOS | 0C/+75C | -9V/+5V | 35MXMA | TTL | TTL/TS | C1101A | AM1101A |
| ADM | DIL-16/1C | PMOS | 0C/+75C | -9V/+5V | 24MXMA | TTL | TTL/TS | C1101A1 | AM1101A1 |
| ADM | DIL-16/1P | PMOS | 0C/+75C | -9V/+5V | 24MXMA | TTL | TTL/TS | P1101A1 | AM1101A1PC |
| ADM | DIL-16/1C | PMOS | -55C/+125C | -10V/+5V | 35MXMA | TTL | TTL/TS | AM1101ADM | AM1101A51 |
| ADM | DIL-16/1C | PMOS | -55C/+125C | -9V/+5V | 35MXMA | TTL | TTL/TS | AM1101A51 | AM1101ADM |
| ADM | DIL-16/1P | PMOS | 0C/+75C | -9V/+5V | 35MXMA | TTL | TTL/TS | P1101A | AM1101APC |
| ADM | CHIP-DICE | PMOS | 0C/+70C | -9V/+5V | 24MXMA | TTL | TTL/TS | . | AM1101AXC |
| ADM | DIL-14/1P | . | 0C/+70C | -9V/+9V | . | . | + -6/9V | . | AM1488PC |
| ADM | CHIP-DICE | . | 0C/+70C | -9V/+9V | . | . | + -6/9V | . | AM1488XC |
| ADM | DIL-14/1P | . | 0C/+70C | +5V | 0.75V/1.5V | . | . | . | AM1489APC |
| ADM | CHIP-DICE | . | 0C/+70C | +5V | 0.75V/1.5V | . | . | . | AM1489AXC |
| ADM | DIL-14/1P | . | 0C/+70C | +5V | 0.75V/1.5V | . | . | . | AM1489PC |
| ADM | CHIP-DICE | . | 0C/+70C | +5V | 0.75V/1.5V | . | . | . | AM1489XC |
| ADM | CHIP-DICE | TTLB | -55C/+125C | -5V/+5V | . | 25MV | TTL/TS | DS1603(NAT) | AM1603X |
| ADM | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 676MXMW | TTL | TTL/TS | . | AM1702A-1C |
| ADM | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 676MXMW | TTL | TTL/TS | . | AM1702A-2C |
| ADM | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 50MXMA | TTL | TTL/TS | C1702A | AM1702AC |
| ADM | DIL-24/2Q | PMOS | -40C/+85C | -9V/+5V | 50MXMA | TTL | TTL/TS | . | AM1702AE |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| AM1702AL-1C | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 550NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| AM1702AL-2C | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 650NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| AM1702ALC | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS, 1CS LINES | GEN. PURP. |
| AM1702DC | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS, 1CS LINES | GEN. PURP. |
| AM1702-IDC | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 750NS/8 ADDRESS, 1CS LINES | GEN. PURP. |
| AM2708C | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM2708M | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM2901ADC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/15MHZ CLOCK/2900 FAM. | 2900 |
| AM2901ADM | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/12MHZ CLOCK/2900 FAM. | 2900 |
| AM2901AFM | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/12MHZ CLOCK/2900 FAM. | 2900 |
| AM2901APC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/15MHZ CLOCK/2900 FAM. | 2900 |
| AM2901AXC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/15MHZ CLOCK/2900 FAM. | 2900 |
| AM2901DC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/8.3MHZ CLOCK/2900 FAM | 2900 |
| AM2901DM | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/8.3MHZ CLOCK/2900 FAM. | 2900 |
| AM2901FM | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/8.3MHZ CLOCK/2900 FAM. | 2900 |
| AM2901PC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/9.5MHZ CLOCK/2900 FAM. | 2900 |
| AM2901XC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/9.5MHZ CLOCK | 2900 |
| AM2901XM | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/8.3MHZ CLOCK/2900 FAM | 2900 |
| AM2902DC | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| AM2902DM | LAHCG | 4-BIT | LOOK AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| AM2902FM | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| AM2902PC | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| AM2902XC | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| AM2902XM | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| AM2903DM | CPEBS | 4-BIT | MICROPROCESSOR 4-BIT SLICE/ARITHMETIC UNIT/16 REG./MULT.-DIVIDE | 2900 |
| AM2903PC | CPEBS | 4-BIT | MICROPROCESSOR 4-BIT SLICE/ARITHMETIC UNIT/16 REG./MULT.-DIVIDE | 2900 |
| AM2905DC | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| AM2905DM | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| AM2905FM | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| AM2905PC | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| AM2905XC | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| AM2905XM | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| AM2906FM | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| AM2906PC | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| AM2906XC | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| AM2906XM | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| AM2906DC | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| AM2906DM | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| AM2907DC | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| AM2907DM | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| AM2907FM | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| AM2907PC | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| AM2907XC | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| AM2907XM | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| AM2909DC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| AM2909DM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| AM2909FM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| AM2909PC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| AM2909XC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| AM2909XM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| AM2911DC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| AM2911DM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| AM2911FM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| AM2911PC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| AM2911XC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| AM2911XM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| AM2913DC | ITRPC | . | PRIORITY INTERRUPT EXPANDER FOR AM2914 | 2900 |
| AM2913DM | ITRPC | . | PRIORITY INTERRUPT EXPANDER FOR AM2914 | 2900 |
| AM2913FM | ITRPC | . | PRIORITY INTERRUPT EXPANDER FOR AM2914 | 2900 |
| AM2913PC | ITRPC | . | PRIORITY INTERRUPT EXPANDER FOR AM2914 | 2900 |
| AM2913XC | ITRPC | . | PRIORITY INTERRUPT EXPANDER FOR AM2914 | 2900 |
| AM2913XM | ITRPC | . | PRIORITY INTERRUPT EXPANDER FOR AM2914 | 2900 |
| AM2914DC | ITRPC | . | VECTORED PRIORITY INTERRUPT ENCODER | 2900 |
| AM2914DM | ITRPC | . | VECTORED PRIORITY INTERRUPT ENCODER | 2900 |
| AM2914FM | ITRPC | . | VECTORED PRIORITY INTERRUPT ENCODER | 2900 |
| AM2914PC | ITRPC | . | VECTORED PRIORITY INTERRUPT ENCODER | 2900 |
| AM2914XC | ITRPC | . | VECTORED PRIORITY INTERRUPT ENCODER | 2900 |
| AM2914XM | ITRPC | . | VECTORED PRIORITY INTERRUPT ENCODER | 2900 |
| AM2915DC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| AM2915DM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| AM2915FM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| AM2915PC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| AM2915XC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| AM2915XM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| AM2916DC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN PAR. CHCKR | 2900 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| ADM | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | . | TTL | TTL/TS | . | AM1702AL-1C |
| ADM | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | . | TTL | TTL/TS | . | AM1702AL-2C |
| ADM | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 50MXMA | TTL | TTL/TS | C1702AL | AM1702AL |
| ADM | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 50MXMA | TTL | TTL/TS | AM1702AL | AM17020C |
| ADM | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 50MXMA | TTL | TTL/TS | . | AM1702-IDC |
| ADM | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | TTL | TTL/TS | . | AM2708C |
| ADM | DIL-24/2Q | NMOS | -55C/+125C | -5V/+5V/+12V | 800MXMW | TTL | TTL/TS | . | AM2708M |
| ADM | DIL-40/2C | LSTB | 0C/+70C | +5V | 265MXMA | TTL | TTL/TS | 2901AJC | AM2901ADC |
| ADM | DIL-40/2C | LSTB | -55C/+125C | +5V | 280MXMA | TTL | TTL/TS | MC2901ALM | AM2901ADM |
| ADM | FLP-42/5P | LSTB | -55C/+125C | +5V | 280MXMA | TTL | TTL/TS | 2901AFM | AM2901AFM |
| ADM | DIL-40/2P | LSTB | 0C/+70C | +5V | 265MXMA | TTL | TTL/TS | 2901ANC | AM2901APC |
| ADM | CHP | LSTB | 0C/+70C | +5V | 265MXMA | TTL | TTL/TS | . | AM2901AXC |
| ADM | DIL-40/2C | LSTB | 0C/+70C | +5V | 280MXMA | TTL | TTL/TS | . | AM29010C |
| ADM | DIL-40/2C | LSTB | -55C/+125C | +5V | 280MXMA | TTL | TTL/TS | . | AM29010M |
| ADM | FLP-42/5C | LSTB | -55C/+125C | +5V | 280MXMA | TTL | TTL/TS | . | AM2901FM |
| ADM | DIL-40/2P | LSTB | 0C/+70C | +5V | 275MXMA | TTL | TTL/TS | . | AM2901PC |
| ADM | CHP | LSTB | 0C/+70C | +5V | 265MXMA | TTL | TTL/TS | MCC2901C | AM2901XC |
| ADM | CHP | LSTB | -55C/+125C | +5V | 280MXMA | TTL | TTL/TS | . | AM2901XM |
| ADM | DIL-16/1C | BIP | 0C/+70C | +5V | 94MXMA | TTL | TTL | MC2902LC | AM29020C |
| ADM | DIL-16/1C | BIP | -55C/+125C | +5V | 99MXMA | TTL | TTL | MC2902LM | AM29020M |
| ADM | FLP-16/3C | BIP | -55C/+125C | +5V | 99MXMA | TTL | TTL | MC2902FM | AM2902FM |
| ADM | DIL-16/1P | BIP | 0C/+70C | +5V | 94MXMA | TTL | TTL | MC2902PC | AM2902PC |
| ADM | CHP | BIP | 0C/+70C | +5V | 94MXMA | TTL | TTL | MCC2902C | AM2902XC |
| ADM | CHP | BIP | -55C/+125C | +5V | 99MXMA | TTL | TTL | . | AM2902XM |
| ADM | DIL-48/2C | STLB | -55C/+125C | +5V | . | TTL | TTL | MC2903LM | AM29030M |
| ADM | DIL-48/2P | STLB | 0C/+70C | +5V | . | TTL | TTL | MC2903LC | AM2903PC |
| ADM | DIL-24/2C | LSTB | 0C/+70C | +5V | 105MXMA | TTL | TTL/TS | MC2905LC | AM29050C |
| ADM | DIL-24/2C | LSTB | -55C/+125C | +5V | 105MXMA | TTL | TTL/TS | MC2905LM | AM29050M |
| ADM | FLP-24/4C | LSTB | -55C/+125C | +5V | 105MXMA | TTL | TTL/TS | MC2905FM | AM29050FM |
| ADM | DIL-24/2P | LSTB | 0C/+70C | +5V | 105MXMA | TTL | TTL/TS | MC2905PC | AM29050PC |
| ADM | CHP | LSTB | 0C/+70C | +5V | 105MXMA | TTL | TTL/TS | . | AM2905XC |
| ADM | CHP | LSTB | -55C/+125C | +5V | 105MXMA | TTL | TTL/TS | . | AM2905XM |
| ADM | FLP-24/4C | LSTB | -55C/+125C | +5V | 105MXMA | TTL | TTL/OC | MC2906FM | AM2906FM |
| ADM | DIL-24/2P | LSTB | 0C/+70C | +5V | 105MXMA | TTL | TTL/OC | MC2906PC | AM2906PC |
| ADM | CHP | LSTB | 0C/+70C | +5V | 105MXMA | TTL | TTL/OC | . | AM2906XC |
| ADM | CHP | LSTB | -55C/+125C | +5V | 105MXMA | TTL | TTL/OC | . | AM2906XM |
| ADM | DIL-24/2C | LSTB | 0C/+70C | +5V | 105MXMA | TTL | TTL/OC | MC2906LC | AM29060C |
| ADM | DIL-24/2C | LSTB | -55C/+125C | +5V | 105MXMA | TTL | TTL/OC | MC2906LM | AM29060M |
| ADM | DIL-20/1C | LSTB | 0C/+70C | +5V | 110MXMA | TTL | TTL/OC+TS | MC2907LC | AM29070C |
| ADM | DIL-20/1C | LSTB | -55C/+125C | +5V | 110MXMA | TTL | TTL/OC+TS | MC2907LM | AM29070M |
| ADM | FLP-20/3C | LSTB | -55C/+125C | +5V | 110MXMA | TTL | TTL/OC+TS | MC2907FM | AM2907FM |
| ADM | DIL-20/1P | LSTB | 0C/+70C | +5V | 110MXMA | TTL | TTL/OS+TS | MC2907PC | AM2907PC |
| ADM | CHP | LSTB | 0C/+70C | +5V | 110MXMA | TTL | TTL/OC+TS | MCC2907C | AM2907XC |
| ADM | CHP | LSTB | -55C/+125C | +5V | 110MXMA | TTL | TTL/OC+TS | . | AM2907XM |
| ADM | DIL-28/2C | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | MC2909LC | AM29090C |
| ADM | DIL-28/2C | TTLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | MC2909LM | AM29090M |
| ADM | FLP-28/4C | TTLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | 2909FM | AM2909FM |
| ADM | DIL-28/2C | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | MC2909PC | AM2909PC |
| ADM | CHP | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | MCC2907C | AM2909XC |
| ADM | CHP | TTLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | . | AM2909XM |
| ADM | DIL-20/1C | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | MC2911LC | AM29110C |
| ADM | DIL-20/1C | TTLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | MC2911LM | AM29110M |
| ADM | FLP-20/3C | TTLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | MC2911FM | AM2911FM |
| ADM | DIL-20/1P | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | MC2911PC | AM2911PC |
| ADM | CHP | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | MCC2911C | AM2911XC |
| ADM | CHP | TTLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | . | AM2911XM |
| ADM | DIL-20/1C | TTLB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM29130C |
| ADM | DIL-20/1C | TTLB | -55C/+125C | +5V | . | TTL | TTL/TS | . | AM29130M |
| ADM | FLP-20/3C | TTLB | -55C/+125C | +5V | . | TTL | TTL/TS | . | AM29130FM |
| ADM | DIL-20/1P | TTLB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM29130PC |
| ADM | CHP | TTLB | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM29130XC |
| ADM | CHP | TTLB | -55C/+125C | +5V | . | TTL | TTL/TS | . | AM29130XM |
| ADM | DIL-40/2C | TTLB | 0C/+70C | +5V | . | TTL | TTL | . | AM29140C |
| ADM | DIL-40/2C | TTLB | -55C/+125C | +5V | . | TTL | TTL | . | AM29140M |
| ADM | FLP-40/4C | TTLB | -55C/+125C | +5V | . | TTL | TTL | . | AM29140FM |
| ADM | DIL-40/2P | TTLB | 0C/+70C | +5V | . | TTL | TTL | . | AM29140PC |
| ADM | CHP | TTLB | 0C/+70C | +5V | . | TTL | TTL | . | AM29140XC |
| ADM | CHP | TTLB | -55C/+125C | +5V | . | TTL | TTL | . | AM29140XM |
| ADM | DIL-24/2C | LSTB | 0C/+70C | +5V | 90MXMA | TTL | TTL | MC2915ALC | AM29150C |
| ADM | DIL-24/2C | LSTB | -55C/+125C | +5V | 90MXMA | TTL | TTL | MC2915LM | AM29150M |
| ADM | FLP-24/3C | LSTB | -55C/+125C | +5V | 90MXMA | TTL | TTL | MC2915AFM | AM29150FM |
| ADM | DIL-24/2P | LSTB | 0C/+70C | +5V | 90MXMA | TTL | TTL | MC2915APC | AM29150PC |
| ADM | CHP | LSTB | 0C/+70C | +5V | 90MXMA | TTL | TTL | MCC2915C | AM29150XC |
| ADM | CHP | LSTB | -55C/+125C | +5V | 90MXMA | TTL | TTL | . | AM29150XM |
| ADM | DIL-24/2C | LSTB | 0C/+70C | +5V | 110MXMA | TTL | TTL | MC2916ALC | AM29160C |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| AM2916DM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| AM2916FM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| AM2916PC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| AM2916XC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| AM2916XM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| AM2917DC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| AM2917DM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| AM2917FM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| AM2917PC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| AM2917XC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| AM2917XM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| AM2918DC | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| AM2918DM | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| AM2918FM | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| AM2918PC | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| AM2918XC | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| AM2918XM | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| AM2919DC | DREGR | 4-BIT | QUAD D-REG. WITH TWO 3-STATE OUTPUT PORTS/75MHZ CLOCK | 2900 |
| AM2919DM | DREGR | 4-BIT | QUAD D-REG. WITH TWO 3-STATE OUTPUT PORTS/75MHZ CLOCK | 2900 |
| AM2919FM | DREGR | 4-BIT | QUAD D-REG. WITH TWO 3-STATE OUTPUT PORTS/75MHZ CLOCK | 2900 |
| AM2919PC | DREGR | 4-BIT | QUAD D-REG. WITH TWO 3-STATE OUTPUT PORTS/75MHZ CLOCK | 2900 |
| AM2919XC | DREGR | 4-BIT | QUAD D-REG. WITH TWO 3-STATE OUTPUT PORTS/75MHZ CLOCK | 2900 |
| AM2919XM | DREGR | 4-BIT | QUAD D-REG. WITH TWO 3-STATE OUTPUT PORTS/75MHZ CLOCK | 2900 |
| AM3101AFM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| AM3101FM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| AM3514CC | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 700NS | GEN. PURP. |
| AM3514PC | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 700NS | GEN. PURP. |
| AM6070ADC | DACVR | 8-BIT | COMPANDING D-A CONVERTER/BELL u255 LAW/HALF-STEP ACCURACY | GEN. PURP. |
| AM6070ADM | DACVR | 8-BIT | COMPANDING D-A CONVERTER/BELL u255 LAW/HALF-STEP ACCURACY | GEN. PURP. |
| AM6070DC | DACVR | 8-BIT | COMPANDING D-A CONVERTER/BELL u255 LAW/WHOLE-STEP ACCURACY | GEN. PURP. |
| AM6070DM | DACVR | 8-BIT | COMPANDING D-A CONVERTER/BELL u255 LAW/WHOLE-STEP ACCURACY | GEN. PURP. |
| AM6071ADC | DACVR | 8-BIT | COMPANDING D-A CONVERTER/A-LAW TRACKING/HALF-STEP ACCURACY | GEN. PURP. |
| AM6071ADM | DACVR | 8-BIT | COMPANDING D-A CONVERTER/A-LAW TRACKING/HALF-STEP ACCURACY | GEN. PURP. |
| AM6071DC | DACVR | 8-BIT | COMPANDING D-A CONVERTER/A-LAW TRACKING/WHOLE-STEP ACCURACY | GEN. PURP. |
| AM6071DM | DACVR | 8-BIT | COMPANDING D-A CONVERTER/A-LAW TRACKING/WHOLE-STEP ACCURACY | GEN. PURP. |
| AM6072DC | DACVR | 8-BIT | COMPANDING D-A CONVERTER/D3-LAW TRACKING | GEN. PURP. |
| AM6072DM | DACVR | 8-BIT | COMPANDING D-A CONVERTER/D3-LAW TRACKING | GEN. PURP. |
| AM6073DC | DACVR | 8-BIT | COMPANDING D-A CONVERTER/CCITT A-LAW TRACKING | GEN. PURP. |
| AM6073DM | DACVR | 8-BIT | COMPANDING D-A CONVERTER/CCITT A-LAW TRACKING | GEN. PURP. |
| AM6688 | ADCVR | 4-BIT | HIGH SPEED 4-BIT QUANTIZER/100MHZ TYP. SAMPLING | GEN. PURP. |
| AM7489J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| AM7489N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 70NS/4 ADDRESS LINES | GEN. PURP. |
| AM7599J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 70NS/4 ADDRESS LINES | GEN. PURP. |
| AM8041DC | PIA | 8-BIT | UNIVERSAL PERIPHERAL INTERFACE FOR 8080-8048-8085-8086/INT. MROM | 8080 ETC |
| AM8048DC | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1024X8 ROM/27 I-O LINES | 8048 |
| AM8080A | MPU | 8-BIT | SINGLE-CHIP CPU OF 8080 FAMILY (APP. B)/2MHZ CLOCK | 8080A |
| AM8080A-1DM | MPU | 8-BIT | 1-CHIP CPU OF 8080A FAM./3MHZ CLOCK | 8080A |
| AM8080A-2DM | MPU | 8-BIT | SINGLE-CHIP CPU OF 9080 FAMILY (APP. B)/2.5MHZ CLOCK | 8080A |
| AM8080ADM | MPU | 8-BIT | SINGLE-CHIP CPU OF 9080 FAMILY (APP. B)/2MHZ CLOCK | 9080 |
| AM8085ADC | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.2uS | 8085A |
| AM8155DC | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| AM8156DC | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE HIGH/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| AM8212DM | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| AM8212XC | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| AM8214DC | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080 FAM. | 8080 |
| AM8216XC | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/8080 DATA BUS BUFFER DVR | 8080-9080 |
| AM8224DC | CLOCK | . | 2-PHASE CLOCK GEN. DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| AM8224DM | CLOCK | . | 2-PHASE CLOCK GEN. DRIVER FOR 8080-9080 FAMILIES (APP. B)-18MHZ | 8080-9080 |
| AM8224PC | CLOCK | . | 2-PHASE CLOCK GEN. DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| AM8224XC | CLOCK | . | 2-PHASE CLOCK GEN. DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| AM8226XC | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER | 8080-9080 |
| AM8228DM | SYSTC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| AM8228PC | SYSTC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| AM8228XC | SYSTC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| AM8238DM | SYSTC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| AM8238PC | SYSTC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| AM8251DC | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080 |
| AM8255DC | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAM | 8080 |
| AM8257DC | DMAC | 8-BIT | PROGRAMMABLE DMA CONTROLLER/MAX. ACCESS 300NS/4-CHANNEL | 8080/8085 |
| AM8355DC | ROMIO | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8 ADDR.-DATA 2CE ADDR. LINES | 8048-8085 |
| AM8599J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS LINES | GEN. PURP. |
| AM8599N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS LINES | GEN. PURP. |
| AM9050DCD | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CE ADDRESS LINES | GEN. PURP. |
| AM9050PCD | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CE ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| ADM | DIL-24/2C | LSTB | -55C/+125C | . . . +5V | 110MXMA | . TTL | . TTL | MC2916ALM | AM2916DM |
| ADM | FLP-24/3C | LSTB | -55C/+125C | . . . +5V | 110MXMA | . TTL | . TTL | MC2916AFM | AM2916FM |
| ADM | DIL-24/2P | LSTB | 0C/+70C | . . . +5V | 110MXMA | . TTL | . TTL | MC2916LC | AM2916PC |
| ADM | CHP | LSTB | 0C/+70C | . . . +5V | 110MXMA | . TTL | . TTL | MCC2916C | AM2916XC |
| ADM | CHP | LSTB | -55C/+125C | . . . +5V | 110MXMA | . TTL | . TTL | | AM2916XM |
| ADM | DIL-20/1C | LSTB | 0C/+70C | . . . +5V | 95MXMA | . TTL | . TTL | MC2917ALC | AM2917DC |
| ADM | DIL-20/1C | LSTB | -55C/+125C | . . . +5V | 95MXMA | . TTL | . TTL | MC2917ALM | AM2917DM |
| ADM | FLP-20/3C | LSTB | -55C/+125C | . . . +5V | 95MXMA | . TTL | . TTL | MC2917AFM | AM2917FM |
| ADM | DIL-20/1C | LSTB | 0C/+70C | . . . +5V | 95MXMA | . TTL | . TTL | MC2917APC | AM2917PC |
| ADM | CHP | LSTB | 0C/+70C | . . . +5V | 95MXMA | . TTL | . TTL | MCC2917C | AM2917XC |
| ADM | CHP | LSTB | -55C/+125C | . . . +5V | 95MXMA | . TTL | . TTL | | AM2917XM |
| ADM | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS | MC2918LC | AM2918DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/TS | MC2918LM | AM2918DM |
| ADM | FLP-16/3C | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/TS | MC2918FM | AM2918FM |
| ADM | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS | MC2918PC | AM2918PC |
| ADM | CHP | STLB | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS | MCC2918C | AM2918XC |
| ADM | CHP | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/TS | | AM2918XM |
| ADM | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS+TS | 29LS19JC | AM2919DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/TS+TS | 29LS19JM | AM2919DM |
| ADM | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS+TS | 29LS19NC | AM2919PC |
| ADM | CHP | STLB | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS+TS | | AM2919XC |
| ADM | CHP | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/TS+TS | | AM2919XM |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 105MXMA | . TTL | TTL/OC | CM3101A | AM3101AFM |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 105MXMA | . TTL | TTL/OC | CM3101 | AM3101FM |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | | . TTL | . TTL | 3514 | AM3514CC |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | | . TTL | . TTL | 3514 | AM3514PC |
| ADM | DIL-18/1C | | 0C/+70C | . -15V/+15V | 192MXMW | . TTL | . TTL | AM6070ADM | AM6070ADC |
| ADM | DIL-18/1C | | -55C/+125C | . -15V/+15V | 192MXMW | . TTL | . TTL | | AM6070ADM |
| ADM | DIL-18/1C | | 0C/+70C | . -15V/+15V | 192MXMW | . TTL | . TTL | AM6070ADC | AM6070DC |
| ADM | DIL-18/1C | | -55C/+125C | . -15V/+15V | 192MXMW | . TTL | . TTL | AM6070ADM | AM6070DM |
| ADM | DIL-18/1C | | 0C/+70C | . -15V/+15V | 192MXMW | . TTL | . TTL | AM6071ADM | AM6071ADC |
| ADM | DIL-18/1C | | -55C/+125C | . -15V/+15V | 192MXMW | . TTL | . TTL | | AM6071ADM |
| ADM | DIL-18/1C | | 0C/+70C | . -15V/+15V | 192MXMW | . TTL | . TTL | AM6071ADC | AM6071DC |
| ADM | DIL-18/1C | | -55C/+125C | . -15V/+15V | 192MXMW | . TTL | . TTL | AM6071ADM | AM6071DM |
| ADM | DIL-18/1C | | 0C/+70C | . -15V/+15V | 192MXMW | . TTL | . TTL | AM6072DM | AM6072DC |
| ADM | DIL-18/1C | | -55C/+125C | . -15V/+15V | 192MXMW | . TTL | . TTL | | AM6072DM |
| ADM | DIL-18/1C | | 0C/+70C | . -15V/+15V | 192MXMW | . TTL | . TTL | AM6073DM | AM6073DC |
| ADM | DIL-18/1C | | -55C/+125C | . -15V/+15V | 192MXMW | . TTL | . TTL | | AM6073DM |
| ADM | DIL-16/1C | NMOS | 0C/+70C | . -5V/+6V | 850TPMW | . . . | . ECL | | AM6688 |
| ADM | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | 550MXMW | . TTL | TTL/OC | DM7489J | AM7489J |
| ADM | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 550MXMW | . TTL | TTL/OC | DM7489J | AM7489N |
| ADM | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/TS | DM7599J | AM7599J |
| ADM | FLP-16/4C | TTLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/TS | DM7599W | AM7599W |
| ADM | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 125MXMA | . TTL | . TTL | D8041 | AM8041DC |
| ADM | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 180MXMA | . TTL | . TTL | D8048 | AM8048DC |
| ADM | DIL-40/2C | NMOS | 0C/+75C | . -5V/+5V/+12V | 80MXMA | . TTL | TTL/TS | MD8080A | AM8080A |
| ADM | DIL-40/2C | NMOS | -55C/+125C | . -5V/+5V/+12V | 80MXMA | . TTL | TTL/TS | MD8080A-1 | AM8080A-1DM |
| ADM | DIL-40/2C | NMOS | -55C/+125C | . -5V/+5V/+12V | 55MXMA | . TTL | TTL/TS | MD8080A-2 | AM8080A-2DM |
| ADM | DIL-40/2C | NMOS | -55C/+125C | . -5V/+5V/+12V | 55MXMA | . TTL | TTL/TS | MD8080A | AM8080ADM |
| ADM | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 170MXMA | . TTL | . TTL | D8085A | AM8080ADC |
| ADM | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 180MXMA | . TTL | . TTL | C8155 | AM8155DC |
| ADM | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 180MXMA | . TTL | . TTL | C8156 | AM8156DC |
| ADM | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | D8212 | AM8212DM |
| ADM | CHIP-DICE | TTLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | | AM8212XC |
| ADM | DIL-24/2C | TTLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/OC | C8214 | AM8214DC |
| ADM | CHIP-DICE | STLB | 0C/+70C | . . . +5V | | . TTL | TTL/TS | | AM8216XC |
| ADM | DIL-16/1C | STLB | 0C/+70C | . +5V/+12V | 115MXMA | . . . | . TTL | D8224 | AM8224DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | . +5V/+12V | 115MXMA | . . . | . TTL | SAB8224-D | AM8224DM |
| ADM | DIL-16/1P | STLB | 0C/+70C | . +5V/+12V | 115MXMA | . . . | . TTL | P8224 | AM8224PC |
| ADM | CHIP-DICE | STLB | 0C/+70C | . +5V/+12V | 115MXMA | . . . | . 115MXMA | | AM8224XC |
| ADM | CHIP-DICE | STLB | 0C/+70C | . . . +5V | | . TTL | TTL/TS | | AM8226XC |
| ADM | DIL-28/2C | TTLB | -55C/+125C | . . . +5V | 190MXMA | . TTL | TTL/TS | MD8228 | AM8228DM |
| ADM | DIL-28/2P | TTLB | 0C/+70C | . . . +5V | 190MXMA | . TTL | TTL/TS | P8228 | AM8228PC |
| ADM | CHIP-DICE | TTLB | 0C/+70C | . . . +5V | 190MXMA | . TTL | TTL/TS | | AM8228XC |
| ADM | DIL-28/2C | TTLB | -55C/+125C | . . . +5V | 190MXMA | . TTL | TTL/TS | SAB8238-D | AM8238DM |
| ADM | DIL-28/2P | TTLB | 0C/+70C | . . . +5V | 190MXMA | . TTL | TTL/TS | P8238 | AM8238PC |
| ADM | CHIP-DICE | TTLB | 0C/+70C | . . . +5V | 190MXMA | . TTL | TTL/TS | | AM8238XC |
| ADM | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | . TTL | C8251 | AM8251DC |
| ADM | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | . TTL | C8255 | AM8255DC |
| ADM | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | . TTL | D8257 | AM8257DC |
| ADM | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 180MXMA | . TTL | . TTL | C8355 | AM8355DC |
| ADM | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS | DM8599J | AM8599J |
| ADM | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS | DM8599N | AM8599N |
| ADM | DIL-18/1C | NMOS | 0C/+70C | . -5V/+12V | 750MXMW | . TTL | TTL/OD | AM9050CPC | AM9050DC |
| ADM | DIL-18/1P | NMOS | 0C/+70C | . -5V/+12V | 750MXMW | . TTL | TTL/OD | AM9050CPC | AM9050PC |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|-------------|----------------|
| ADM | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 750MXMW | TTL | TTL/OD | AM9050DPC | AM9050DDC |
| ADM | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 750MXMW | TTL | TTL/OD | AM9050DPC | AM9050DDC |
| ADM | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 750MXMW | TTL | TTL/OD | AM9050EPC | AM9050EDC |
| ADM | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 750MXMW | TTL | TTL/OD | AM9050EPC | AM9050EDC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | -5V/+12V | 750MXMW | TTL | TTL/TS | AM9060CPC | AM9060CDC |
| ADM | DIL-22/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 750MXMW | TTL | TTL/TS | AM9060CDC | AM9060CPC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 750MXMW | TTL | TTL/TS | AM9060CDC | AM9060DDC |
| ADM | DIL-22/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 750MXMW | TTL | TTL/TS | AM9060DDC | AM9060DPC |
| ADM | DIL-22/4C | NMOS | 0C/+75C | -5V/+5V/+12V | 750MXMW | TTL | TTL/TS | AM9060EPC | AM9060EDC |
| ADM | DIL-22/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 750MXMW | TTL | TTL/TS | AM9060EPC | AM9060EPC |
| ADM | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL | AM9080A-1DI | AM9080A-1DC |
| ADM | DIL-40/2C | NMOS | -25C/+85C | -5V/+5V/+12V | 50MXMA | TTL | TTL | AM9080A-1DC | AM9080A-1DI |
| ADM | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL | AM9080A-1DC | AM9080A-1PC |
| ADM | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL | AM9080A-2DI | AM9080A-2DC |
| ADM | DIL-40/2C | NMOS | -55C/+125C | -5V/+5V/+12V | 55MXMA | TTL | TTL | AM9080A-2DC | AM9080A-2DI |
| ADM | DIL-40/2C | NMOS | -55C/+125C | -5V/+5V/+12V | 55MXMA | TTL | TTL | AM9080A-2DI | AM9080A-2DM |
| ADM | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL | AM9080A-2DM | AM9080A-2PC |
| ADM | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 70MXMA | TTL | TTL | AM9080A-4PC | AM9080A-4DC |
| ADM | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 70MXMA | TTL | TTL | AM9080A-4DC | AM9080A-4PC |
| ADM | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL | AM9080ADI | AM9080ADC |
| ADM | DIL-40/2C | NMOS | -25C/+85C | -5V/+5V/+12V | 55MXMA | TTL | TTL | AM9080ADC | AM9080ADI |
| ADM | DIL-40/2C | NMOS | -55C/+125C | -5V/+5V/+12V | 55MXMA | TTL | TTL | AM9080ADC | AM9080ADM |
| ADM | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL | AM9080ADC | AM9080APC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | AM9101ADC | AM9101ADC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | +5V | 50MXMA | TTL | TTL/TS | AM9101ADM | AM9101ADM |
| ADM | FLP-24/3C | NMOS | -55C/+125C | +5V | 50MXMA | TTL | TTL/TS | AM9101AFM | AM9101AFM |
| ADM | DIL-22/4P | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | AM9101BPC | AM9101APC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | AM9101CPC | AM9101BDC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | +5V | 50MXMA | TTL | TTL/TS | AM9101BDM | AM9101BDM |
| ADM | FLP-24/3C | NMOS | -55C/+125C | +5V | 50MXMA | TTL | TTL/TS | AM9101BFM | AM9101BFM |
| ADM | DIL-22/4P | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | | AM9101BPC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | AM9101CDC | AM9101CPC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | +5V | 55MXMA | TTL | TTL/TS | AM9101CDM | AM9101CDM |
| ADM | DIL-22/4P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | AM9101CPC | AM9101CPC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | AM9101DDC | AM9101DDC |
| ADM | DIL-22/4P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | AM9101EPC | AM9101DPC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | | AM9101EDC |
| ADM | DIL-22/4P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | | AM9101EPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 45MXMA | TTL | TTL/TS | AM9102ADC | AM9102ADC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | +5V | 45MXMA | TTL | TTL/TS | AM9102ADM | AM9102ADM |
| ADM | FLP-16/4C | NMOS | -55C/+125C | +5V | 45MXMA | TTL | TTL/TS | AM9102AFM | AM9102AFM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 45MXMA | TTL | TTL/TS | AM9102APC | AM9102APC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 45MXMA | TTL | TTL/TS | AM9102BDC | AM9102BDC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | +5V | 45MXMA | TTL | TTL/TS | AM9102BDM | AM9102BDM |
| ADM | FLP-16/4C | NMOS | -55C/+125C | +5V | 45MXMA | TTL | TTL/TS | AM9102BFM | AM9102BFM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 45MXMA | TTL | TTL/TS | AM9102BPC | AM9102BPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | AM9102CDC | AM9102CDC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | +5V | 50MXMA | TTL | TTL/TS | AM9102CDM | AM9102CDM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | AM9102CPC | AM9102CPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 45MXMA | TTL | TTL/TS | AM9102DC | AM9102DC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | | AM9102DDC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | +5V | 45MXMA | TTL | TTL/TS | AM9102DM | AM9102DM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | AM9102EPC | AM9102DPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | AM9102EPC | AM9102EDC |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | AM9102EPC | AM9102EPC |
| ADM | FLP-16/4C | NMOS | -55C/+125C | +5V | 45MXMA | TTL | TTL/TS | AM9102FM | AM9102FM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 45MXMA | TTL | TTL/TS | AM9102PC | AM9102PC |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | D2111A-4 | AM9111ADC |
| ADM | DIL-18/1C | NMOS | -55C/+125C | +5V | 50MXMA | TTL | TTL/TS | MD2111A | AM9111ADM |
| ADM | FLP-16/4C | NMOS | -55C/+125C | +5V | 50MXMA | TTL | TTL/TS | AM9111AFM | AM9111AFM |
| ADM | DIL-18/1P | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | P2111A-4 | AM9111APC |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | D2111A-4 | AM9111BDC |
| ADM | DIL-18/1C | NMOS | -55C/+125C | +5V | 50MXMA | TTL | TTL/TS | MD2111A | AM9111BDM |
| ADM | DIL-18/1P | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | P2111A | AM9111BPC |
| ADM | FLP-16/4C | NMOS | -55C/+125C | +5V | 50MXMA | TTL | TTL/TS | AM9111BFM | AM9111BFM |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2111A-2 | AM9111CDC |
| ADM | DIL-18/1C | NMOS | -55C/+125C | +5V | 55MXMA | TTL | TTL/TS | AM9111CDM | AM9111CDM |
| ADM | DIL-18/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2111A-2 | AM9111CPC |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2111A-2 | AM9111DDC |
| ADM | DIL-18/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2111A-2 | AM9111DPC |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2111A-2 | AM9111EDC |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2111A-2 | AM9111EPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | D2112A-4 | AM9112ADC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | +5V | 50MXMA | TTL | TTL/TS | D2112A-4 | AM9112ADM |
| ADM | FLP-16/3C | NMOS | -55C/+125C | +5V | 50MXMA | TTL | TTL/TS | AM9112AFM | AM9112AFM |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| ADM | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 50MXMA | . TTL | TTL/TS | P2112A-4 | AM9112APC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 50MXMA | . TTL | TTL/TS | D2112A | AM9112BDC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | . . +5V | 50MXMA | . TTL | TTL/TS | MD2112A | AM9112BDM |
| ADM | FLP-16/3C | NMOS | -55C/+125C | . . +5V | 50MXMA | . TTL | TTL/TS | AM91L12BFM | AM9112BFM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 50MXMA | . TTL | TTL/TS | P2112A | AM9112BPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | D2112A-2 | AM9112CDC |
| ADM | DIL-16/1C | NMOS | -55C/+125C | . . +5V | 55MXMA | . TTL | TTL/TS | MD2112A-2 | AM9112CCDM |
| ADM | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | P2112A-2 | AM9112CPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | D2112A-2 | AM9112DDC |
| ADM | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | P2112A-2 | AM9112DPC |
| ADM | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | D2112A-2 | AM9112EDC |
| ADM | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | P2112A-2 | AM9112EPC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | AM91L30ADC | AM9130ADC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | . . +5V | 100MXMA | . TTL | TTL/TS | AM9130BDM | AM9130ADM |
| ADM | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | AM9130CDD | AM9130BDC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | . . +5V | 100MXMA | . TTL | TTL/TS | AM9130CDM | AM9130BDM |
| ADM | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | AM9130DDC | AM9130CDD |
| ADM | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | AM9130DDM | AM9130CDM |
| ADM | DIL-22/4C | NMOS | -55C/+125C | . . +5V | 100MXMA | . TTL | TTL/TS | AM9130EDC | AM9130DDC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | AM9130EDM | AM9130DDC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | . . +5V | 578MXMW | . TTL | TTL/TS | AM9140BDM | AM9140ADM |
| ADM | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 578MXMW | . TTL | TTL/TS | AM9140BDC | AM9140BDC |
| ADM | DIL-22/4C | NMOS | -55C/+125C | . . +5V | 578MXMW | . TTL | TTL/TS | AM9140CDM | AM9140BDM |
| ADM | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 578MXMW | . TTL | TTL/TS | AM9140DDC | AM9140CCD |
| ADM | DIL-22/4C | NMOS | -55C/+125C | . . +5V | 578MXMW | . TTL | TTL/TS | . | AM9140CCM |
| ADM | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 578MXMW | . TTL | TTL/TS | AM9140EDC | AM9140DDC |
| ADM | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 578MXMW | . TTL | TTL/TS | AM9140EDM | AM9140DDC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . +5V/+12V | 620MXMW | . TTL | TTL/TS | 2608-2F | AM9208BCC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . +5V/+12V | 620MXMW | . TTL | TTL/TS | 2608-2F | AM9208BDC |
| ADM | DIL-24/2C | NMOS | -55C/+125C | . +5V/+12V | 620MXMW | . TTL | TTL/TS | AM9208CDM | AM9208BDM |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . +5V/+12V | 620MXMW | . TTL | TTL/TS | 2608-2F | AM9208BPC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . +5V/+12V | 620MXMW | . TTL | TTL/TS | AM9208DCC | AM9208CCC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . +5V/+12V | 620MXMW | . TTL | TTL/TS | AM9208DDC | AM9208CCD |
| ADM | DIL-24/2C | NMOS | -55C/+125C | . +5V/+12V | 620MXMW | . TTL | TTL/TS | AM9208DDM | AM9208CCM |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . +5V/+12V | 620MXMW | . TTL | TTL/TS | AM2908DPC | AM9208PC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . +5V/+12V | 620MXMW | . TTL | TTL/TS | AM9208DPC | AM9208DCC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . +5V/+12V | 700MXMW | . TTL | TTL/TS | AM9208DDC | AM9208DDC |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . +5V/+12V | 620MXMW | . TTL | TTL/TS | AM9208DDC | AM9208DPC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 50MXMA | . TTL | TTL/TS | MK2600P | AM9214CC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 50MXMA | . TTL | TTL/TS | MK2600P | AM9214DC |
| ADM | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 70MXMA | . TTL | TTL/TS | . | AM9214DM |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 50MXMA | . TTL | TTL/TS | MK2600P | AM9214PC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . +5V/+12V | 700MXMW | . TTL | TTL/TS | 2617-1F | AM9216BCC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . +5V/+12V | 700MXMW | . TTL | TTL/TS | 2617-1F | AM9216BDC |
| ADM | DIL-24/2C | NMOS | -55C/+125C | . +5V/+12V | 660MXMW | . TTL | TTL/TS | . | AM9216BDM |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . +5V/+12V | 700MXMW | . TTL | TTL/TS | 2617-1F | AM9216BPC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . +5V/+12V | 700MXMW | . TTL | TTL/TS | 2617-1F | AM9216CCC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . +5V/+12V | 700MXMW | . TTL | TTL/TS | 2617-1F | AM9216CCD |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . +5V/+12V | 700MXMW | . TTL | TTL/TS | 2617-1F | AM9216CDD |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5C | 367MXMW | . TTL | TTL/TS | . | AM9217ACC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | C8316A | AM9217ADC |
| ADM | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9217ADM |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | P8316A | AM9217APC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9217BCC |
| ADM | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9217BDC |
| ADM | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9217BDM |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | C8316A | AM9217BPC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | C8316E | AM9218BCC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | C8316E | AM9218BDC |
| ADM | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9218BDM |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | P8316E | AM9218BPC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9218CCC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9218CCD |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9218CDD |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9218CPC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9232BCC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9232BDC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9232BDM |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9232BPC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9232CCD |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9232CDD |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9232CPC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9233BCC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9233BDC |
| ADM | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9233BDM |
| ADM | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 367MXMW | . TTL | TTL/TS | . | AM9233BPC |

| DEVICE TYPE NO | FUNCI ON app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| AM9233CCC | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 300NS/12 ADDRESS 2CS LINES/SPECIAL PINOUT | GEN. PURP. |
| AM9233CDD | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 300NS/12 ADDRESS 2CS LINES/SPECIAL PINOUT | GEN. PURP. |
| AM9233CPC | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 300NS/12 ADDRESS 2CS LINES/SPECIAL PINOUT | GEN. PURP. |
| AM9511DC | ALU | 8-BIT | ARITHMETIC PROCESSING UNIT/2MHZ CLOCK SPEED | 8080-9080 |
| AM9511-4DC | ALU | 8-BIT | ARITHMETIC PROCESSING UNIT/4MHZ CLOCK SPEED | 8080-9080 |
| AM9511DM | ALU | 8-BIT | ARITHMETIC PROCESSING UNIT/2MHZ CLOCK SPEED | 8080-9080 |
| AM9517DC | DMAC | 8-BIT | MULTIMODE DMA CONTROLLER/8257 REPLACEMENT | 8080-9080 |
| AM9517DM | DMAC | 8-BIT | MULTIMODE DMA CONTROLLER/8257 REPLACEMENT | 8080-9080 |
| AM9517-4DC | DMAC | 8-BIT | MULTIMODE DMA CONTROLLER/8257 REPLACEMENT | 8080-9080 |
| AM9519DC | ITRPC | 8-BIT | UNIVERSAL INTERRUPT CONTROLLER/8259 REPLACEMENT | 8080-9080 |
| AM9519DM | ITRPC | 8-BIT | UNIVERSAL INTERRUPT CONTROLLER/8259 REPLACEMENT | 8080-9080 |
| AM9519-4DC | ITRPC | 8-BIT | UNIVERSAL INTERRUPT CONTROLLER/8259 REPLACEMENT | 8080-9080 |
| AM9551DC | USART | 5-8BIT | UNIVERSAL SYNCHRONOUS-ASYNCHRONOUS RECEIVER-TRANSMITTER | 8080-9080 |
| AM9551DI | USART | 5-8BIT | UNIVERSAL SYNCHRONOUS-ASYNCHRONOUS RECEIVER-TRANSMITTER | 8080-9080 |
| AM9551DM | USART | 5-8BIT | UNIVERSAL SYNCHRONOUS-ASYNCHRONOUS RECEIVER-TRANSMITTER | 8080-9080 |
| AM9551PC | USART | 5-8BIT | UNIVERSAL SYNCHRONOUS-ASYNCHRONOUS RECEIVER-TRANSMITTER | 8080-9080 |
| AM9555DC | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAMILY (APP. B) | 8080-9080 |
| AM9555DI | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAMILY (APP. B) | 8080-9080 |
| AM9555DM | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAMILY (APP. B) | 8080-9080 |
| AM9555-4DC | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAMILY (APP. B) | 8080-9080 |
| AM9555-4DI | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAMILY (APP. B) | 8080-9080 |
| AM9702AHDL | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS, 1CS LINES | GEN. PURP. |
| AM9708C | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM9708M | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| AM29700DC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| AM29700DM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| AM29700FM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| AM29700PC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| AM29701DC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| AM29701DM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| AM29701FM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| AM29701PC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| AM29702DC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| AM29702DM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| AM29702FM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| AM29702PC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| AM29703DC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| AM29703DM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| AM29703FM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| AM29703PC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 17NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| AM29704DC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 32NS/4X ADDRESS LINES/TWO O-P PORTS | 2900 |
| AM29704DM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 32NS/4X ADDRESS LINES/TWO O-P PORTS | 2900 |
| AM29704FM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 32NS/4X ADDRESS LINES/TWO O-P PORTS | 2900 |
| AM29704PC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 32NS/4X ADDRESS LINES/TWO O-P PORTS | 2900 |
| AM29704XC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 32NS/4X ADDRESS LINES/TWO O-P PORTS | 2900 |
| AM29704XM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 32NS/4X ADDRESS LINES/TWO O-P PORTS | 2900 |
| AM29705DC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 32NS/4X ADDRESS LINES/TWO O-P PORTS | 2900 |
| AM29705DM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 32NS/4X ADDRESS LINES/TWO O-P PORTS | 2900 |
| AM29705FM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 32NS/4X ADDRESS LINES/TWO O-P PORTS | 2900 |
| AM29705PC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 32NS/4X ADDRESS LINES/TWO O-P PORTS | 2900 |
| AM29705XC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 32NS/4X ADDRESS LINES/TWO O-P PORTS | 2900 |
| AM29705XM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 32NS/4X ADDRESS LINES/TWO O-P PORTS | 2900 |
| AM29720DC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | 2900 |
| AM29720DM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | 2900 |
| AM29720FM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | 2900 |
| AM29720PC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | 2900 |
| AM29721DC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | 2900 |
| AM29721DM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | 2900 |
| AM29721FM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | 2900 |
| AM29721PC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | 2900 |
| AM29750DC | PROM | 8-BIT | 256=32X8/MAX. ACCESS 55NS/5 ADDRESS 1CS LINES | 2900 |
| AM29750DM | PROM | 8-BIT | 256=32X8/MAX. ACCESS 55NS/5 ADDRESS 1CS LINES | 2900 |
| AM29751DC | PROM | 8-BIT | 256=32X8/MAX. ACCESS 55NS/5 ADDRESS 1CS LINES | 2900 |
| AM29751DM | PROM | 8-BIT | 256=32X8/MAX. ACCESS 55NS/5 ADDRESS 1CS LINES | 2900 |
| AM29760DC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/8 ADDRESS 2CS LINES | 2900 |
| AM29760DM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/8 ADDRESS 2CS LINES | 2900 |
| AM29761DC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/8 ADDRESS 2CS LINES | 2900 |
| AM29761DM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/8 ADDRESS 2CS LINES | 2900 |
| AM29761FM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/8 ADDRESS 2CS LINES | 2900 |
| AM29790DC | FPLA | . | 16 I-P, 8 O-P, FIELD PROGRAMMABLE LOGIC ARRAY | 2900 |
| AM29790DM | FPLA | . | 16 I-P, 8 O-P, FIELD PROGRAMMABLE LOGIC ARRAY | 2900 |
| AM29791DC | FPLA | . | 16 I-P, 8 O-P, FIELD PROGRAMMABLE LOGIC ARRAY | 2900 |
| AM29791DM | FPLA | . | 16 I-P, 8 O-P, FIELD PROGRAMMABLE LOGIC ARRAY | 2900 |
| AM29803DC | SPECL | . | 16-WAY BRANCH CONTROL UNIT FOR AM2909/16 INSTNS./4 TEST LINES | 2900 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| ADM | DIL-24/2C | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM9233CCC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM9233CDC |
| ADM | DIL-24/2P | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM9233CPC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | +5V/+12V | 55TPMA | +0.8/+2V | +0.8/+2V | AM9511DM | AM9511DC |
| ADM | DIL-24/2C | NMOS | -55C/+125C | +5V/+12V | 55TPMA | +0.8/+2V | +0.8/+2V | . | AM9511-4DC |
| ADM | DIL-24/2C | NMOS | 0C/+70C | +5V/+12V | 55TPMA | +0.8/+2V | +0.8/+2V | . | AM9511DM |
| ADM | DIL-40/2C | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | AM9517DM | AM9517DC |
| ADM | DIL-40/3C | NMOS | -55C/+125C | +5V | . | TTL | TTL/TS | . | AM9517DM |
| ADM | DIL-40/2C | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | AM9517-4DC |
| ADM | DIL-28/2C | NMOS | 0C/+70C | +5V | 50TPMA | TTL | TTL/TS | AM9519DM | AM9519DC |
| ADM | DIL-28/2C | NMOS | -55C/+125C | +5V | 50TPMA | TTL | TTL/TS | . | AM9519DM |
| ADM | DIL-28/2C | NMOS | 0C/+70C | +5V | 50TPMA | TTL | TTL/TS | . | AM9519-4DC |
| ADM | DIL-28/2C | NMOS | 0C/+70C | +5V | . | TTL | TTL | AM9551DI | AM9551DC |
| ADM | DIL-28/2C | NMOS | -25C/+85C | +5V | . | TTL | TTL | AM9551DM | AM9551DI |
| ADM | DIL-28/2C | NMOS | -55C/+125C | +5V | . | TTL | TTL | . | AM9551DM |
| ADM | DIL-28/2P | NMOS | 0C/+70C | +5V | . | TTL | TTL | AM9551DC | AM9551PC |
| ADM | DIL-40/2C | NMOS | 0C/+70C | +5V | . | TTL | TTL | D8255 | AM9555DC |
| ADM | DIL-40/2C | NMOS | -25C/+85C | +5V | . | TTL | TTL | MD8255A | AM9555DI |
| ADM | DIL-40/2C | NMOS | -55C/+125C | +5V | . | TTL | TTL | MD8255A | AM9555DM |
| ADM | DIL-40/2C | NMOS | 0C/+70C | +5V | . | TTL | TTL | D8255A | AM9555-4DC |
| ADM | DIL-40/2C | NMOS | -25C/+85C | +5V | . | TTL | TTL | D8255A | AM9555-4DI |
| ADM | DIL-24/2C | PMOS | -55C/+85C | -9V/+5V | 50MXMA | TTL | TTL/TS | B1702AL | AM9702AHDL |
| ADM | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | TTL | TTL/TS | C2708 | AM9708C |
| ADM | DIL-24/2Q | NMOS | -55C/+125C | -5V/+5V/+12V | 800MXMW | TTL | TTL/TS | . | AM9708M |
| ADM | DIL-16/1C | STLB | 0C/+75C | +5V | 100TPMA | TTL | TTL/OC | 29700JC | AM29700DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/OC | 29700JM | AM29700DM |
| ADM | FLP-16/3C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/OC | 29700FM | AM29700FM |
| ADM | DIL-16/1P | STLB | 0C/+70C | +5V | 100TPMA | TTL | TTL/OC | 29700NC | AM29700PC |
| ADM | DIL-16/1C | STLB | 0C/+70C | +5V | 100TPMA | TTL | TTL/TS | 29701JC | AM29701DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/TS | 29701JM | AM29701DM |
| ADM | FLP-16/3C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/TS | 29701FM | AM29701FM |
| ADM | DIL-16/1C | STLB | 0C/+70C | +5V | 100TPMA | TTL | TTL/TS | . | AM29701PC |
| ADM | DIL-16/1C | STLB | 0C/+70C | +5V | 100TPMA | TTL | TTL/OC | 29702JC | AM29702DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/OC | 29702JM | AM29702DM |
| ADM | FLP-16/3C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/OC | 29702FM | AM29702FM |
| ADM | DIL-16/1C | STLB | 0C/+75C | +5V | 100TPMA | TTL | TTL/OC | 29702NC | AM29702PC |
| ADM | DIL-16/1C | STLB | 0C/+75C | +5V | 100TPMA | TTL | TTL/TS | 29703JC | AM29703DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/TS | 29703JM | AM29703DM |
| ADM | FLP-16/3C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/TS | 29703FM | AM29703FM |
| ADM | DIL-16/1P | STLB | 0C/+70C | +5V | 100TPMA | TTL | TTL/TS | 29703NC | AM29703PC |
| ADM | DIL-28/2C | LSTB | 0C/+75C | +5V | 177MXMA | TTL | TTL/OC | . | AM29704DC |
| ADM | DIL-28/2C | LSTB | -55C/+125C | +5V | 177MXMA | TTL | TTL/OC | . | AM29704DM |
| ADM | FLP-28/4C | LSTB | -55C/+125C | +5V | 177MXMA | TTL | TTL/OC | . | AM29704FM |
| ADM | DIL-28/2P | LSTB | 0C/+75C | +5V | 177MXMA | TTL | TTL/OC | . | AM29704PC |
| ADM | CHP | LSTB | 0C/+75C | +5V | 177MXMA | TTL | TTL/OC | . | AM29704XC |
| ADM | CHP | LSTB | -55C/+125C | +5V | 177MXMA | TTL | TTL/OC | . | AM29704XM |
| ADM | DIL-28/2C | LSTB | 0C/+75C | +5V | 177MXMA | TTL | TTL/TS | . | AM29705DC |
| ADM | DIL-28/2C | LSTB | -55C/+125C | +5V | 177MXMA | TTL | TTL/TS | . | AM29705DM |
| ADM | FLP-28/4C | LSTB | -55C/+125C | +5V | 177MXMA | TTL | TTL/TS | . | AM29705FM |
| ADM | DIL-28/2P | LSTB | 0C/+75C | +5V | 177MXMA | TTL | TTL/TS | . | AM29705PC |
| ADM | CHP | LSTB | 0C/+75C | +5V | 177MXMA | TTL | TTL/TS | . | AM29705XC |
| ADM | CHP | LSTB | -55C/+125C | +5V | 177MXMA | TTL | TTL/TS | . | AM29705XM |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 70MXMA | TTL | TTL/OC | . | AM29720DC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | +5V | 70MXMA | TTL | TTL/OC | . | AM29720DM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | +5V | 70MXMA | TTL | TTL/OC | . | AM29720FM |
| ADM | DIL-16/1P | LSTB | 0C/+75C | +5V | 70MXMA | TTL | TTL/OC | . | AM29720PC |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 70MXMA | TTL | TTL/TS | . | AM29721DC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | . | AM29721DM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | . | AM29721FM |
| ADM | DIL-16/1P | LSTB | 0C/+75C | +5V | 70MXMA | TTL | TTL/TS | . | AM29721PC |
| ADM | DIL-16/1C | STLB | 0C/+75C | +5V | 100MXMA | TTL | TTL/OC | IDM29750JC | AM29750DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | +5V | 100MXMA | TTL | TTL/OC | IDM29750JM | AM29750DM |
| ADM | DIL-16/1C | STLB | 0C/+75C | +5V | 110MXMA | TTL | TTL/TS | . | AM29751DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | . | AM29751DM |
| ADM | FLP-16/3C | STLB | -55C/+125C | +5V | 80MXMA | TTL | TTL/OC | . | AM29760FM |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 80MXMA | TTL | TTL/OC | IDM29760JC | AM29760DC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | +5V | 80MXMA | TTL | TTL/OC | IDM29760JM | AM29760DM |
| ADM | DIL-16/1C | LSTB | 0C/+75C | +5V | 80MXMA | TTL | TTL/TS | IDM29761JC | AM29761DC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | +5V | 80MXMA | TTL | TTL/TS | IDM29761JM | AM29761DM |
| ADM | FLP-16X3C | LSTB | -55C/+125C | +5V | 80MXMA | TTL | TTL/TS | . | AM29761FM |
| ADM | DIL-28/2C | BIP | 0C/+75C | +5V | 120TPMA | TTL | TTL/OC | . | AM29790DC |
| ADM | DIL-28/2C | BIP | -55C/+125C | +5V | 120TPMA | TTL | TTL/OC | . | AM29790DM |
| ADM | DIL-28/2C | BIP | 0C/+75C | +5V | 120TPMA | TTL | TTL/TS | . | AM29791DC |
| ADM | DIL-28/2C | BIP | -55C/+125C | +5V | 120TPMA | TTL | TTL/TS | . | AM29791DM |
| ADM | DIL-16/1C | LSTB | 0C/+70C | +5V | 80MXMA | TTL | TTL | IDM29803DC | AM29803DC |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| AM29803DM | SPECL | . | 16-WAY BRANCH CONTROL UNIT FOR AM2909/16 INSTNS./4 TEST LINES | 2900 |
| AM29803FM | SPECL | . | 16-WAY BRANCH CONTROL UNIT FOR AM2909/16 INSTNS./4 TEST LINES | 2900 |
| AM29803PC | SPECL | . | 16-WAY BRANCH CONTROL UNIT FOR AM2909/16 INSTNS./4 TEST LINES | 2900 |
| AM29803XC | SPECL | . | 16-WAY BRANCH CONTROL UNIT FOR AM2909/16 INSTNS./4 TEST LINES | 2900 |
| AM29803XM | SPECL | . | 16-WAY BRANCH CONTROL UNIT FOR AM2909/16 INSTNS./4 TEST LINES | 2900 |
| AM29811DC | SPECL | . | NEXT ADDRESS CONTROL UNIT FOR AM2911 | 2900 |
| AM29811DM | SPECL | . | NEXT ADDRESS CONTROL UNIT FOR AM2911 | 2900 |
| AM29811FM | SPECL | . | NEXT ADDRESS CONTROL UNIT FOR AM2911 | 2900 |
| AM29811PC | SPECL | . | NEXT ADDRESS CONTROL UNIT FOR AM2911 | 2901 |
| AM29811XC | SPECL | . | NEXT ADDRESS CONTROL UNIT FOR AM2911 | 2900 |
| AM29811XM | SPECL | . | NEXT ADDRESS CONTROL UNIT FOR AM2911 | 2900 |
| AM35141DC | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 850NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| AM35142DC | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS /9 ADDRESS 4CS LINES | GEN. PURP. |
| AMZ8001-CPU | CPU | 16-BIT | SEGMENTED CPU OF Z8000 FAM./WITH 8010 REACHES 8M MEM. ADDRESSES | Z8000 |
| AMZ8002-CPU | CPU | 16-BIT | NON-SEGMENTED CPU OF 8000 FAM./DIRECT 64K ADDR. LOCATIONS | Z8000 |
| AMZ8010-MMU | MMU | 16-BIT | MEMORY MANAGEMENT UNIT/WITH 8001-CPU PROVIDES 8M MEM. ADDRESSES | Z8000 |
| AMZ8016-DMA | DMA | 16-BIT | DIRECT MEMORY ACCESS CONTROLLER FOR Z8000 FAM. | Z8000 |
| AMZ8030-SIO | SIO | 16-BIT | SERIAL INPUT-OUTPUT PORT | Z8000 |
| AMZ8036-CIO | CTC | 16-BIT | COUNTER-TIMER INPUT-OUTPUT | Z8000 |
| AMZ8038-FIO | FIFO | 16-BIT | FIRST IN-FIRST OUT, INPUT-OUTPUT CONTROLLER | Z8000 |
| AMZ8050-FDC | FLPDC | 16-BIT | FLOPPY DISK CONTROLLER | Z8000 |
| AMZ8052-CRT | CRTC | 16-BIT | CRT CONTROLLER | Z8000 |
| AMZ8060-FIFO | FIFO | 16-BIT | FIRST IN-FIRST-OUT BUFFER | Z8000 |
| B1702A | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS1CS LINES | GEN. PURP. |
| B1702A-2 | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 650NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| B1702A-6 | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS 1CS LINES | GEN. PURP. |
| B1702AL | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS 1CS LINES | GEN. PURP. |
| B1702AL-2 | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 650NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| B2101A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| B2101A-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/ 5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| B2101A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/ 5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| B2107A | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| B2107A-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 280NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| B2107A-4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| B2107A-5 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 420NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| B2107B | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| B2107B-4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 270NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| B2107B-5 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| B2107B-6 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| B2704 | EPROM | 8-BIT | 4K=512X8/STATIC/MAX. ACCESS 450NS/5X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| B2704-1 | EPROM | 8-BIT | 4K=512X8/STATIC/MAX. ACCESS 350NS/ 5X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| B2708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| B2708-1 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| B2716 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085/8048 |
| B2716-1 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085/8080 |
| B2716-2 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 390NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085/8080 |
| B2732 | EPROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/11 ADDRESS 1CE LINES | GEN. PURP. |
| B2758 | EPROM | 1-BIT | 8K=8196X1/MAX. ACCESS 450NS/10 ADDRESS LINES/132MXMW STANDBY | GEN. PURP. |
| B3222 | DMI | 1-BIT | REFRESH CONTROLLER FOR 4K DRAMS (SUCH AS 2107)/6 ADDRESS LINES | GEN. PURP. |
| B4702A | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.7uS/8 ADDRESS 1CS LINES | 4004/4040 |
| B5101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| B5101L | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/15uA STANDBY | GEN. PURP. |
| B5101L-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/15uA STANDBY | GEN. PURP. |
| B5101L-3 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/200uA STANDBY | GEN. PURP. |
| B5101-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| B5101-3 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| B5101-8 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 5Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| B8101A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES/SEP. I-O | 8080 |
| B8702A | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.3uS/8 ADDRESS 1CS LINES | 8080 |
| B8702A-4 | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 2.3uS/8 ADDRESS 1CS LINES | 8080 |
| B8708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| B8748 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INTERNAL CPU-RAM-IO-EPROM/6MHZ INT. CLOCK | 8048 |
| B8748-8 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INTERNAL CPU-RAM-IO-EPROM/3MHZ INT. CLOCK | 8048 |
| C1101A | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1.5uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| C1101A1 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1uS/ 4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| C1103 | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| C1103A | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 205NS/5X 5Y ADDRESS 1CE LINES/NO PPRECHARGE | GEN. PURP. |
| C1103A-1 | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 145NS/5X 5Y ADDRESS 1CE LINES/NO PPRECHARGE | GEN. PURP. |
| C1103A-2 | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 145NS/5X 5Y ADDRESS 1CE LINES/NO PPRECHARGE | GEN. PURP. |
| C1103-1 | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 180NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| C1302 | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/MROM VERSION OF B1702A EPROM | GEN. PURP. |
| C1302/0002 | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/DEDICATED ROM EBCDIC-ASCII8 CODE CVRTR | GEN. PURP. |
| C1402A | SHFTR | | 1K=4X256 DYNAMIC SHIFT REG./5MHZ CLOCK SPEED/QUAD-256 | GEN. PURP. |
| C1702A | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS 1CS LINES | GEN. PURP. |
| C1702A-2 | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 650NS/8 ADDRESS 1CS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|----------------------|------------------|--------------------|---------------------|--------------|----------------|
| ADM | DIL-16/1C | LSTB | -55C/+125C | . . +5V | 80MXMA | . TTL | . TTL | IDM29803DM | AM29803DM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | . . +5V | 80MXMA | . TTL | . TTL | | AM29803FM |
| ADM | DIL-16/1P | LSTB | 0C/+70C | . . +5V | 80MXMA | . TTL | . TTL | IDM29803NC | AM29803PC |
| ADM | CHP | LSTB | 0C/+70C | . . +5V | 80MXMA | . TTL | . TTL | | AM29803XC |
| ADM | CHP | LSTB | -55C/+125C | . . +5V | 80MXMA | . TTL | . TTL | | AM29803XM |
| ADM | DIL-16/1C | LSTB | 0C/+70C | . . +5V | 80MXMA | . TTL | . TTL | IDM29811JC | AM29811DC |
| ADM | DIL-16/1C | LSTB | -55C/+125C | . . +5V | 80MXMA | . TTL | . TTL | IDM29811JM | AM29811DM |
| ADM | FLP-16/3C | LSTB | -55C/+125C | . . +5V | 80MXMA | . TTL | . TTL | | AM29811FM |
| ADM | DIL-16/1P | LSTB | 0C/+70C | . . +5V | 80MXMA | . TTL | . TTL | IDM29811NC | AM29811PC |
| ADM | CHP | LSTB | 0C/+70C | . . +5V | 80MXMA | . TTL | . TTL | | AM29811XC |
| ADM | CHP | LSTB | -55C/+125C | . . +5V | 80MXMA | . TTL | . TTL | | AM29811XM |
| ADM | DIL-24/2C | PMOS | 0C/+70C | . -12V/+5V | 50MXMA | . TTL | TTL/TS | 3514-1DC | AM35141DC |
| ADM | DIL-24/2C | PMOS | 0C/+70C | . -12V/+5V | 50MXMA | . TTL | TTL/TS | 3514-2DC | AM35142DC |
| ADM | DIL-48/2C | NMOS | 0C/+70C | . . +5V | | . TTL | . TTL | Z8001-CPU | AMZ8001-CPU |
| ADM | | NMOS | 0C/+70C | . . +5V | | . TTL | . TTL | Z8002-CPU | AMZ8002-CPU |
| ADM | | NMOS | 0C/+70C | . . +5V | | . TTL | . TTL | Z8010-MMU | AMZ8010-MMU |
| ADM | | NMOS | 0C/+70C | . . +5V | | . TTL | . TTL | Z8016-DMA | AMZ8016-DMA |
| ADM | | NMOS | 0C/+70C | . . +5V | | . TTL | . TTL | Z8030-SIO | AMZ8030-SIO |
| ADM | | NMOS | 0C/+70C | . . +5V | | . TTL | . TTL | Z8036-CIO | AMZ8036-CIO |
| ADM | | NMOS | 0C/+70C | . . +5V | | . TTL | . TTL | Z8038-FIO | AMZ8038-FIO |
| ADM | | NMOS | 0C/+70C | . . +5V | | . TTL | . TTL | Z8050-FDC | AMZ8050-FDC |
| ADM | | NMOS | 0C/+70C | . . +5V | | . TTL | . TTL | Z8052-CRT | AMZ8052-CRT |
| ADM | | NMOS | 0C/+70C | . . +5V | | . TTL | . TTL | Z8060-FIFO | AMZ8060-FIFO |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 60MXMA | . TTL | TTL/TS | MK3702-3T | B1702A |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 60MXMA | . TTL | TTL/TS | MK3702-1T | B1702A-2 |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 60MXMA | . TTL | TTL/TS | MK3702-3T | B1702A-6 |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 40MXMA | . TTL | TTL/TS | MK3702-3T | B1702AL |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 40MXMA | . TTL | TTL/TS | MK3702-1T | B1702AL-2 |
| INL | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | MM2101A | B2101A |
| INL | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | SY2101-A2 | B2101A-2 |
| INL | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | C2101A-4 | B2101A-4 |
| INL | DIL-22/2C | NMOS | 0C/+70C | . -5V/+5V/+12V | 34MXMA | . TTL | TTL/TS | MM5280 | B2107A |
| INL | DIL-22/2C | NMOS | 0C/+70C | . -5V/+5V/+12V | 38MXMA | . TTL | TTL/TS | MM5280 | B2107A-1 |
| INL | DIL-22/2C | NMOS | 0C/+70C | . -5V/+5V/+12V | 33 | . TTL | TTL/TS | MM5280 | B2107A-4 |
| INL | DIL-22/2C | NMOS | 0C/+70C | . -5V/+5V/+12V | 28MXMA | . TTL | TTL/TS | MM5280 | B2107A-5 |
| INL | DIL-22/2C | NMOS | 0C/+70C | . -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | MM5280 | B2107B |
| INL | DIL-22/2C | NMOS | 0C/+70C | . -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | MM5280 | B2107B-4 |
| INL | DIL-22/2C | NMOS | 0C/+70C | . -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | MM5280 | B2107B-5 |
| INL | DIL-22/2C | NMOS | 0C/+70C | . -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | MM5280 | B2107B-6 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | C2704 | B2704 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | C2704-1 | B2704-1 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | MM2708Q | B2708 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/TS | MM2708Q-1 | B2708-1 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/TS | MCM2716 | B2716 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/TS | D2716-1 | B2716-1 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/TS | D2716-2 | B2716-2 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 750MXMW | . TTL | TTL/TS | D2632 | B2732 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | D2758 | B2758 |
| INL | DIL-22/2C | STLB | 0C/+75C | . . +5V | 120MXMA | . TTL | . TTL | D3222 | B3222 |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . -10V/+5V | 63MXMA | . TTL | TTL/TS | SAB84702A-B | B4702A |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 30MXMA | . TTL | TTL/TS | B5101L | B5101 |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 135MXMW | . TTL | TTL/TS | S5101L/3-2C | B5101L |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 135MXMW | . TTL | TTL/TS | S5101L/1-2C | B5101L-1 |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 135MXMW | . TTL | TTL/TS | S5101L/2-2C | B5101L-3 |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 30MXMA | . TTL | TTL/TS | B5101L1 | B5101-1 |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | B5101L-3 | B5101-3 |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 30MXMA | . TTL | TTL/TS | S5101/8-2C | B5101-8 |
| INL | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | SAB8101A-4-B | B8101A-4 |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . . +12V | 540MXMW | . TTL | . TTL | SAB8702A-B | B8702A |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . . +12V | 540MXMW | . TTL | . TTL | SAB8702A-4-B | B8702A-4 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | MK2708 | B8708 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | . TTL | C8748 | B8748 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | . TTL | B8748 | B8748-8 |
| INL | DIL-16/1C | PMOS | 0C/+75C | . -9V/+5V | 35MXMA | . TTL | TTL/TS | MM1101AD | C1101A |
| INL | DIL-16/1C | PMOS | 0C/+70C | . -9V/+5V | 24MXMA | . TTL | TTL/TS | AM1101A1 | C1101A1 |
| INL | DIL-18/1C | PMOS | 0C/+70C | . +16V/+19V | 25MXMA | . MOS | SENSE AMP | S1103IK | C1103 |
| INL | DIL-18/1C | PMOS | 0C/+70C | . +19V/+22.5V | 25MXMA | . +1/+18V | SENSE AMP | D1103A | C1103A |
| INL | DIL-18/1C | PMOS | 0C/+70C | . +19V/+22.5V | 33MXMA | . MOS | SENSE AMP | S1103A/1-1P | C1103A-1 |
| INL | DIL-18/1C | PMOS | 0C/+70C | . +19V/+22.5V | 30MXMA | . MOS | SENSE AMP | S1103A/2-1C | C1103A-2 |
| INL | DIL-18/1C | PMOS | 0C/+70C | . +16V/+19V | 23MXMA | . MOS | SENSE AMP | S1103X-2P | C1103-1 |
| INL | DIL-24/2C | | 0C/+70C | . -9V/+5V | | . TTL | TTL/TS | P1302 | C1302 |
| INL | DIL-24/2C | | 0C/+70C | . -9V/+5V | | . TTL | TTL/TS | | C1302/0002 |
| INL | DIL-16/1C | PMOS | 0C/70C | . -9V/+5V | | . TTL | MOS/TTL | 2502N | C1402A |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 50MXMA | . TTL | TTL/TS | MK1702A | C1702A |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 60MXMA | . TTL | TTL/TS | MK3702-1T | C1702A-2 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| C1702AL | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS. 1CS LINES | GEN. PURP. |
| C1702A-6 | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.5uS/8 ADDRESS. 1CS LINES | GEN. PURP. |
| C1702AL-2 | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 650NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| C2101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| C2101A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| C2101A-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| C2101A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| C2101-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| C2101-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| C2102 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y 1CE ADDRESS LINES | GEN. |
| C2102A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| C2102A-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| C2102A-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| C2102A-6 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| C2102AL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES/LO PWR STBY | GEN. PURP. |
| C2102AL2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| C2102AL4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| C2102-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| C2102-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| C2107A | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| C2107A-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 280NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| C2107A-4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| C2107A-5 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 420NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| C2108-2 | DRAM | 1-BIT | 8K=8192X1/MAX. ACCESS 200NS/7 ADDRESS LINES | GEN. PURP. |
| C2108-4 | DRAM | 1-BIT | 8K=8192X1/MAX. ACCESS 300NS/7 ADDRESS LINES | GEN. PURP. |
| C2109-3 | DRAM | 1-BIT | 8K=8192X1/MAX. ACCESS 200NS | GEN. PURP. |
| C2109-4 | DRAM | 1-BIT | 8K=8192X1/MAX. ACCESS 250NS | GEN. PURP. |
| C2111 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 2CE ADDRESS LINES | 9080 |
| C2111A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | 9080 |
| C2111A-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | 9080 |
| C2111A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 9080 |
| C2111-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | 9080 |
| C2111-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | 9080 |
| C2112 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 1CE ADDRESS LINES | 9080 |
| C2112A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 1CE ADDRESS LINES | 9080 |
| C2112A-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 1CE ADDRESS LINES | 9080 |
| C2112A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 1CE ADDRESS LINES | 9080 |
| C2112-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 1CE ADDRESS LINES | 9080 |
| C2114 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| C2114L | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| C2114L-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| C2114L-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| C2114-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| C2114-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| C2115 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| C2115L | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| C2115-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| C2116 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/7 ADDRESS LINES | GEN. PURP. |
| C2116-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 ADDRESS LINES | GEN. PURP. |
| C2116-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 ADDRESS LINES | GEN. PURP. |
| C2116-4 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/7 ADDRESS LINES | GEN. PURP. |
| C2117-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 ADDRESS LINES | GEN. PURP. |
| C2117-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 ADDRESS LINES | GEN. PURP. |
| C2117-4 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 ADDRESS LINES | GEN. PURP. |
| C2117-5 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/7 ADDRESS LINES | GEN. PURP. |
| C2125 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| C2125L | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| C2125-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| C2142 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| C2142L | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| C2142L-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| C2142L-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| C2142-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| C2142-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| C2147 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| C2147L | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| C2147-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 55NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| C2308A | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 400NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| C2416 | SMEM | 1-BIT | 16K=64X256/CCD SERIAL MEMORY/2 MEGABIT RATE/DRIVEN BY INTEL 5244 | GEN. PURP. |
| C2704 | EPROM | 8-BIT | 4K=512X8/STATIC/MAX. ACCESS 450NS/ 5X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| C2704-1 | EPROM | 8-BIT | 4K=512X8/STATIC/MAX. ACCESS 350NS/ 5X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| C2708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| C3003 | LAHCG | 8-BIT | LOOK AHEAD CARRY GENERATOR FOR 3000 2-BIT-SLICE FAM | 3000 |
| C3101 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| C3101A | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS 1CS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|--------------|----------------------|
| INL | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 50MXMA | TTL | TTL/TS | AM1702AL | C1702AL |
| INL | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 50MXMA | TTL | TTL/TS | MK1702A | C1702A-6 |
| INL | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 40MXMA | TTL | TTL/TS | MK3702-1T | C1702AL-2 |
| INL | DIL-22/4C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | B2101A-4 | C2101 |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | MM2101A | C2101A |
| INL | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2101A-2 | C2101A-2 |
| ADM | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | B2101A-4 | C2101A-4 |
| INL | DIL-22/4C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | B2101A-4 | C2101-1 |
| INL | DIL-22/4C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | B2101A-4 | C2101-2 |
| INL | DIL-16/1C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2102A-6 | C2102 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102A | C2102A |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | D2102A-2 | C2102A-2 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102A-4 | C2102A-4 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | MC2102A-6 | C2102A-6 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 33MXMA | TTL | TTL/TS | D2102AL | C2102AL |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | D2102AL2 | C2102AL2 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 33MXMA | TTL | TTL/TS | D2102AL4 | C2102AL4 |
| INL | DIL-16/1C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2102A-4 | C2102-1 |
| INL | DIL-16/1C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2102A-6 | C2102-2 |
| INL | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 34MXMA | TTL | TTL/TS | MM5280 | C2107A |
| INL | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 38MXMA | TTL | TTL/TS | MM5280 | C2107A-1 |
| INL | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 33MXMA | TTL | TTL/TS | MM5280 | C2107A-4 |
| INL | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 28MXMA | TTL | TTL/TS | MM5280 | C2107A-5 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 69MXMA | TTL | TTL/TS | MM5280 | C2108-2 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 65MXMA | TTL | TTL/TS | MM5280 | C2108-4 |
| INL | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | | TTL | TTL/TS | D2109-3 | C2109-3 |
| INL | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | | TTL | TTL/TS | C2109-4 | C2109-4 |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | D2111A | C2111 |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | D2111A | C2111A |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | D2111A-2 | C2111A-2 |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | SAB2111A-4-D | C2111A-4 |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | MM2111-1D | C2111-1 |
| ADM | DIL-18/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | D2111A | C2111-2 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2112A-4 | C2112 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2112A | C2112A |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2112A-2 | C2112A-2 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2112A-4 | C2112A-4 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2112A-4 | C2112-2 |
| INL | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | SYC2114 | C2114 |
| INL | DIL-18/1C | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | P2114L | C2114L |
| INL | DIL-18/1C | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | P2114L-2 | C2114L-2 |
| INL | DIL-18/1C | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | C2114L-2 | C2114L-3 |
| INL | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | P2114-2 | C2114-2 |
| INL | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | SAB2114-3-C | C2114-3 |
| INL | DIL-16/1C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/OC | D2115A-2 | C2115 |
| INL | DIL-16/1C | NMOS | 0C/+75C | +5V | 65MXMA | TTL | TTL/OC | D2115A2 | C2115L |
| INL | DIL-16/1C | NMOS | 0C/+75C | +5V | 125MXMA | TTL | TTL/OC | P2115A-2 | C2115-2 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 69MXMA | TTL | TTL/TS | MCM4116C-30 | C2116 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 69MXMA | TTL | TTL/TS | MCM4116C-20 | C2116-2 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 68MXMA | TTL | TTL/TS | MCM4116C-25 | C2116-3 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 65MXMA | TTL | TTL/TS | MCM4116C-30 | C2116-4 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | | TTL | TTL/TS | MK4116-2 | C2117-2 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | | TTL | TTL/TS | MK4116-3 | C2117-3 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | | TTL | TTL/TS | MK4116-4 | C2117-4 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | | TTL | TTL/TS | MK4116-4 | C2117-5 |
| INL | DIL-16/1C | NMOS | 0C/+75C | +5V | 100MXMA | TTL | TTL/TS | D2125A-2 | C2125 |
| INL | DIL-16/1C | NMOS | 0C/+75C | +5V | 65MXMA | TTL | TTL/TS | D2125AL-2 | C2125L |
| INL | DIL-16/1C | NMOS | 0C/+75C | +5V | 125MXMA | TTL | TTL/TS | C2125A-2 | C2125-2 |
| INL | DIL-20/1C | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | TMS4047-20JL | C2142 |
| INL | DIL-20/1C | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | TMS4047-20JL | Q2142L |
| INL | DIL-20/1C | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | TMS4047-20JL | C2142L-2 |
| INL | DIL-20/1C | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | TMS4047-30JL | C2142L-3 |
| INL | DIL-20/1C | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | TMS4047-20JL | C2142-2 |
| INL | DIL-20/1C | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | TMS4047-30JL | C2142-3 |
| INL | DIL-18/1C | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL/TS | MCM2147C-70 | C2147 |
| INL | DIL-18/1C | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | MCM2147C-70 | C2147L |
| INL | DIL-18/1C | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | MCM2147C-55 | C2147-3 |
| ELA | DIL-24/2C | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | D2308 | C2308A |
| INL | DIL-16/1C | CCD | -10C/+90C | -5V/+12V | 25MXMA | MOS | MOS/OD | | C2416 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | TTL | TTL/TS | B2704 | C2704 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | TTL | TTL/TS | B2704-1 | C2704-1 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | TTL | TTL/TS | MM2708Q | C2708 |
| INL | DIL-28/2C | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL | D3003 | C3003 |
| INL | DIL-16/1C | STLB | 0C/+75C | +5V | 105MXMA | TTL | TTL/OC | P3101A | C3101 |
| INL | DIL-16/1C | STLB | 0C/+75C | +5V | 105MXMA | TTL | TTL/OC | P3101A | C3101A |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| C3104 | CAM | 4-BIT | 16=4X4/MAX. ACCESS 30NS/4 ADDRESS LINES | GEN. PURP. |
| C3205 | DECDR | 3-BIT | 1-OF-8 BINARY DECODER/MAX. DELAY 18NS | GEN. PURP. |
| C3212 | LATCH | 8-BIT | MULTIMODE LATCH BUFFER/8 D-TYPE LATCHES/MAX. WRITE CYCLE 50NS | 3000 |
| C3214 | ITRPC | 8-BIT | INTERRUPT CONTROL UNIT | 3000 |
| C4001 | MROM | 8-BIT | 256X8(=512X4)/MAX. ACCESS 930NS/4-BIT I-O PORT/MUX. SERIAL CNTRL | 4004/4040 |
| C4002-1 | RAMIO | 4-BIT | 320=4X20X4 RAM + 4-BIT OUTPUT PORT/CHIP SELECTION OPTION 1 | 4004/4040 |
| C4002-2 | RAMIO | 4-BIT | 320=4X20X4 RAM + 4-BIT OUTPUT PORT/CHIP SELECTION OPTION 2 | 4004/4040 |
| C4004 | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4004 FAMILY (APP. B) | 4004 |
| C4040 | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4040 FAMILY (APP. B) | 4040 |
| C4289 | MEMCT | 4-BIT | STANDARD MEMORY INTERFACE/ADDRESS AND I-O CONTROL UNIT | 4004/4040 |
| C4316A | ROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| C4702A | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.7uS/8 ADDRESS 1CS LINES | 4004/4040 |
| C5101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| C5101L | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/15uA STANDBY | GEN. PURP. |
| C5101L-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/15uA STANDBY | GEN. PURP. |
| C5101L-3 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/200uA STANDBY | GEN. PURP. |
| C5101-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| C5101-3 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| C5101-8 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| C8008 | CPU | 8-BIT | 1-CHIP CPU FOR 8008 FAM. (APP. B)/1.25uS INSTRUCTION CYCLE | 8008 |
| C8008-1 | CPU | 8-BIT | 1-CHIP CPU FOR 8008 FAM. (APP. B)/1.25uS INSTRUCTION CYCLE | 8008 |
| C8080A | MPU | 8-BIT | SINGLE-CHIP CPU OF 8080 FAMILY (APP. B)/MIN. CLOCK PERIOD 480NS | 8080 |
| C8080A-1 | MPU | 8-BIT | SINGLE-CHIP CPU OF 8080 FAMILY (APP. B)/MIN. CLOCK PERIOD 320NS | 8080 |
| C8080A-2 | MPU | 8-BIT | SINGLE-CHIP CPU OF 8080 FAMILY (APP. B)/MIN. CLOCK PERIOD 380NS | 8080 |
| C8085 | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.3uS | 8085 |
| C8085A | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.2uS | 8085 |
| C8085A-2 | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 0.8uS | 8085 |
| C8101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1.3uS/5X 3Y 2CS ADDRESS LINES/SEP. I-O | 8080 |
| C8101A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES/SEP. I-O | 8080 |
| C8101-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 850NS/5X 3Y 2CS ADDRESS LINES/SEP. I-O | 8080 |
| C8102 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1.3uS/5X 5Y 1CE ADDRESS LINES | 8080 |
| C8102A-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | 8080 |
| C8102A-6 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | 8080 |
| C8102-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 850NS/5X 5Y 1CE ADDRESS LINES | 8080 |
| C8111 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1.3uS/5X 3Y 2CE ADDRESS LINES/COMMON I-O | 8080 |
| C8111A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/COMMON I-O | 8080 |
| C8111-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 850NS/5X 3Y 2CE ADDRESS LINES/COMMON I-O | 8080 |
| C8155 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| C8155-2 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8085A/8039 |
| C8156 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE HIGH/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| C8156-2 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE HIGH/SRAM/I-O PORTS/CLOCK | 8085A/8039 |
| C8185 | SRAM | 8-BIT | 8K=1024X8/MAX. ACCESS 300NS/6 ADDR.-DATA 2 ADDR. 1CS LINES/STDBY | 8085A |
| C8185-2 | SRAM | 8-BIT | 8K=1024X8/MAX. ACCESS 200NS/6 ADDR.-DATA 2 ADDR. 1CS LINES/STDBY | 8085A-2 |
| C8212 | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| C8214 | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080 FAM. (APP. B) | 8080 |
| C8251 | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080 |
| C8253 | PTM | . | PROGRAMMABLE INTERVAL TIMER/THREE 16-BIT COUNTERS/DC-2MHZ | 8080 |
| C8253-5 | PTM | . | PROGRAMMABLE INTERVAL TIMER/THREE 16-BIT COUNTERS/DC-2MHZ | 8085A |
| C8255 | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAMILY (APP. B) | 8080-9080 |
| C8275 | CRTC | 8-BIT | PROGRAMMABLE CRT CONTROLLER FOR 8080 FAMILY | 8080 |
| C8308A | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 400NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| C8316A | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 550NS/7X 4Y 3CS ADDR. LINES/PINOUT-A | 8080 |
| C8316E | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDR. LINES/PINOUT-E | 8080 |
| C8355 | ROMIO | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8 ADDR.-DATA 2CE ADDR. LINES | 8048-8085 |
| C8355-2 | ROMIO | 8-BIT | 16K=2048X8/MAX. ACCESS 300NS/8 ADDR.-DATA 2CE ADDR. LINES | 8085A-2 |
| C8648 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1KX8 FACTRY-PROG. EPROM | 8048 |
| C8702A | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.3uS/8 ADDRESS 1CS LINES | 8080 |
| C8702A-4 | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 2.3uS/8 ADDRESS 1CS LINES | 8080 |
| C8708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| C8741 | PIA | 8-BIT | UNIVERSAL PERIPHERAL INTERFACE FOR 8080-8048-8085-8086/INT EPROM | 8080 ETC |
| C8741A | PIA | 8-BIT | UNIV. PERIPHERAL INTERFACE FOR 8080A-8048A-8085A-8086A/INT EPROM | 8080A ETC |
| C8741-8 | PIA | 8-BIT | UNIVERSAL PERIPHERAL INTERFACE FOR 8080-8048-8085-8086/INT EPROM | 8080 ETC |
| C8748 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INTERNAL CPU-RAM-IO-EPROM/6MHZ INT. CLOCK | 8048 |
| C8748-8 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INTERNAL CPU-RAM-IO-EPROM/3MHZ INT. CLOCK | 8048 |
| C8755 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS | 8085 |
| C8755A | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8X 3Y 2CE ADDRESS LINES | 8048/8085 |
| C8755-8 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/8X 3Y 2CE ADDRESS LINES/3MHZ CLOCK | 8048/8085 |
| CCD464-2DC | SMEM | 1-BIT | 65K=4096X16X1/DYNAMIC SERIAL MEMORY /1-5MHZ | GEN. PURP. |
| CCD464-3DC | SMEM | 1-BIT | 65K=4096X16X1/DYNAMIC SERIAL MEMORY /1-4MHZ | GEN. PURP. |
| CCD464-4DC | SMEM | 1-BIT | 65K=4096X16X1/DYNAMIC SERIAL MEMORY /1-2MHZ | GEN. PURP. |
| CD4036AD | RAM | 8-BIT | 32=4X8 NDRO RAM/BINARY ADDRESSING | CDP1802 |
| CD4036AK | RAM | 8-BIT | 32=4X8 NDRO RAM/BINARY ADDRESSING | CDP1802 |
| CD4039AD | RAM | 8-BIT | 32=4X8 NDRO RAM/DIRECT WORD LINE ADDRESSING | CDP1802 |
| CD4039AK | RAM | 8-BIT | 32=4X8 NDRO RAM/DIRECT WORD LINE ADDRESSING | CDP1802 |
| CD4061AD | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 750NS/8 ADDRESS 1CS LINES | CDP1802 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|--------------|----------------|
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/OC | D3104 | C3104 |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 70MXMA | . TTL | TTL | D3205 | C3205 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/TS | D3212 | C3212 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL | P3214 | C3214 |
| INL | DIL-16/1C | PMOS | 0C/+75C | . . -10V/+5V | 30MXMA | . TTL | TTL | SAB4001-P | C4001 |
| INL | DIL-16/1C | PMOS | 0C/+70C | . -10V/+5V | 33MXMA | . TTL | TTL | D4002-1 | C4002-1 |
| INL | DIL-16/1P | PMOS | 0C/+70C | . -10V/+5V | 33MXMA | . TTL | TTL | D4002-2 | C4002-2 |
| INL | DIL-16/1C | PMOS | 0C/+70C | . -10V/+5V | 600MXMW | . TTL | TTL | D4004 | C4004 |
| INL | DIL-24/2C | PMOS | 0C/+70C | . -10V/+5V | 60MXMA | . TTL | TTL | D4040 | C4040 |
| INL | DIL-40/2C | PMOS | 0C/+70C | . -10V/+5V | 400MXMW | . TTL | TTL | SAB4289-C | C4289 |
| INL | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 98MXMA | . TTL | TTL/TS | MCM68A316AP | C4316A |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . -10V/+5V | 63MXMA | . TTL | TTL/TS | SAB4702A-B | C4702A |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 30MXMA | . TTL | TTL/TS | B5101L | C5101 |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 135MXMW | . TTL | TTL/TS | S5101L/3-2C | C5101L |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 135MXMW | . TTL | TTL/TS | B5101L-1 | C5101L-1 |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 135MXMA | . TTL | TTL/TS | B5101L-3 | C5101L-3 |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 30MXMA | . TTL | TTL/TS | B5101L-1 | C5101-1 |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 30MXMA | . TTL | TTL/TS | B5101L-3 | C5101-3 |
| INL | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 30MXMA | . TTL | TTL/TS | B5101-8 | C5101-8 |
| INL | DIL-18/1C | PMOS | 0C/+70C | . . -9V/+5V | 60MXMA | . TTL | TTL | SAB8008-C | C8008 |
| INL | DIL-18/1C | PMOS | 0C/+70C | . -9V/+5V | 60MXMA | . TTL | TTL | C8008-1 | C8008-1 |
| ADM | DIL-40/2C | NMOS | 0C/+70C | . -5V/+5V/+12V | 80MXMA | . TTL | TTL/TS | D8080A | C8080A |
| INL | DIL-40/2C | NMOS | 0C/+70C | . -5V/+5V/+12V | 80MXMA | . TTL | TTL/TS | D8080A-1 | C8080A-1 |
| INL | DIL-40/2C | NMOS | C/+70C | . -5V/+5V/+12V | 80MXMA | . TTL | TTL/TS | D8080A-2 | C8080A-2 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 170MXMA | . TTL | TTL | SAB8085C | C8085 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 170MXMA | . TTL | TTL | D8085A | C8085A |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 170MXMA | . TTL | TTL | D8085A-2 | C8085A-2 |
| INL | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | B8101A-4 | C8101 |
| ADM | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | SAB8101A-4-B | C8101A-4 |
| INL | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | B8101A-4 | C8101-2 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 50MXMA | . TTL | TTL/TS | D8102A-4 | C8102 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 50MXMA | . TTL | TTL/TS | D8102A-4 | C8102A-4 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 50MXMA | . TTL | TTL/TS | D8102A-4 | C8102A-6 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 50MXMA | . TTL | TTL/TS | D8102A-4 | C8102-2 |
| ADM | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | D8111A-4 | C8111 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | SAB8111A-4-D | C8111A-4 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | D8111A-4 | C8111-2 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL | SAB8155-C | C8155 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL | P8155-2 | C8155-2 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL | P8156 | C8156 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL | P8156-2 | C8156-2 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL | P8185 | C8185 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL | P8185-2 | C8185-2 |
| ADM | DIL-24/2C | TTLB | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | D8212 | C8212 |
| INL | DIL-24/2C | TTLB | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/OC | SAB8214-D | C8214 |
| INL | DIL-28/2C | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL | SAB8251-D | C8251 |
| INL | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 85MXMA | . TTL | TTL | D8253 | C8253 |
| INL | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 85MXMA | . TTL | TTL | D8253-5 | C8253-5 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL | INS8255D | C8255 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | | . TTL | TTL | D8275 | C8275 |
| ELA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | EA8308ADC | C8308A |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 514MXMW | . TTL | TTL/TS | D8316A | C8316A |
| ADM | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 499MXMW | . TTL | TTL/TS | P8316A | C8316E |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL | SAB8355-D | C8355 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL | | C8355-2 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 135MXMA | . TTL | TTL | | C8648 |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . . +12V | 540MXMW | . TTL | TTL | B8702A | C8702A |
| ADM | DIL-24/2Q | PMOS | 0C/+70C | . . +12V | 540MXMW | . TTL | TTL | B8702A-4 | C8702A-4 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | MK2708 | C8708 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL | uPD8741D | C8741 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL | | C8741A |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL | C8741 | C8741-8 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | TTL | uPD8748D | C8748 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | TTL | C8748 | C8748-8 |
| INL | DIL-40/2Q | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL | C8755A | C8755 |
| INL | DIL-40/2Q | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL | C8755 | C8755A |
| INL | DIL-40/2Q | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL | C8755 | C8755-8 |
| FAS | DIL-16/1C | CCD | 0C/+55C | . -5V/+5V/+12V | 336MXMW | . TTL | TTL/TS | F464-2DC | CCD464-2DC |
| FAS | DIL-16/1C | CCD | 0C/+55C | . -5V/+5V/+12V | 336MXMW | . TTL | TTL/TS | F464-3DC | CCD464-3DC |
| FAS | DIL-16/1C | CCD | 0C/+55C | . -5V/+5V/+12V | 336MXMW | . TTL | TTL/TS | F464-4DC | CCD464-4DC |
| RCA | DIL-24/2C | CMOS | -55C/+125C | . +5V TO +10V | 5MXuA | . CMOS | . CMOS | | CD4036AD |
| RCA | FLP-24/5C | CMOS | -55C/+125C | . +5V TO +10V | 5MXuA | . CMOS | . CMOS | | CD4036AK |
| RCA | DIL-24/2C | CMOS | -55C/+125C | . +5V TO +10V | 5MXuA | . CMOS | . CMOS | | CD4039AD |
| RCA | FLP-24/5C | CMOS | -55C/+125C | . +5V TO +10V | 5MXuA | . CMOS | . CMOS | | CD4039AK |
| RCA | DIL-16/1C | CMOS | -55C/+125C | . +3V TO +15V | 5MXuA | . CMOS | . CMOS/TS | | CD4061AD |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| CD4061AH | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 750NS/8 ADDRESS 1CS LINES | CDP1802 |
| CD40061AD | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 700NS/4X 4Y 1CS ADDRESS LINES | CDP1802 |
| CD40061AE | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 700NS/4X 4Y 1CS ADDRESS LINES | CDP1802 |
| CD40061E | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 700NS/4X 4Y 1CS ADDRESS LINES | CDP1802 |
| CD40061H | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 700NS/4X 4Y 1CS ADDRESS LINES | DP1802 |
| CD40114BD | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 650NS/4 ADDRESS LINES | CDP1802 |
| CD40114BE | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 650NS/4 ADDRESS LINES | CDP1802 |
| CD40114BF | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 650NS/4 ADDRESS LINES | CDP1802 |
| CD40114BH | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 650NS/4 ADDRESS LINES | CDP1802 |
| CDP1802CD | CPU | 8-BIT | CENTRAL PROCESSOR FOR CDP1802 FAM. (COSMAC) | CDP1802 |
| CDP1802CE | CPU | 8-BIT | CENTRAL PROCESSOR FOR CDP1802 FAM. (COSMAC) | CDP1802 |
| CDP1802D | CPU | 8-BIT | CENTRAL PROCESSOR FOR CDP1802 FAM. (COSMAC) | CDP1802 |
| CDP1802E | CPU | 8-BIT | CENTRAL PROCESSOR FOR CDP1802 FAM. (COSMAC) | CDP1802 |
| CDP1804CD | MICOMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 2048X8 ROM,64X8 RAM,IO,TIMER-COUNTER | CDP1802 |
| CDP1804CE | MICOMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 2048X8 ROM,64X8 RAM,IO,TIMER-COUNTER | CDP1802 |
| CDP1804D | MICOMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 2048X8 ROM,64X8 RAM,IO,TIMER-COUNTER | CDP1802 |
| CDP1804E | MICOMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 2048X8 ROM,64X8 RAM,IO,TIMER-COUNTER | CDP1802 |
| CDP1821CD | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/4X 5Y 1CS ADDRESS LINES | CDP1802 |
| CDP1821CE | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/4X 5Y 1CS ADDRESS LINES | CDP1802 |
| CDP1821D | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/4X 5Y 1CS ADDRESS LINES | CDP1802 |
| CDP1821E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/4X 5Y 1CS ADDRESS LINES | CDP1802 |
| CDP1821SCD | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/4X 5Y 1CS ADDRESS LINES | CDP1802 |
| CDP1821SD | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/4X 5Y 1CS ADDRESS LINES | CDP1802 |
| CDP182CD | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1822CE | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1822D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1822DL1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1822DL3 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1822DL8 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1822E | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1822H | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1822SCD | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 350NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1822SD | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 350NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1822SDL1 | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 350NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1822SDL3 | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 350NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1822SDL8 | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 350NS/5X 3Y 2CS ADDRESS LINES | CDP1802 |
| CDP1823CD | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 5CS LINES | CDP1802 |
| CDP1823CE | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 5CS LINES | CDP1802 |
| CDP1823D | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 5CS LINES | CDP1802 |
| CDP1823E | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 5CS LINES | CDP1802 |
| CDP1823SCD | SRAM | 8-BIT | 1K=128X8/TYP. ACCESS 350NS/7 ADDRESS 5CS LINES | CDP1802 |
| CDP1823SD | SRAM | 8-BIT | 1K=128X8/TYP. ACCESS 350NS/7 ADDRESS 5CS LINES | CDP1802 |
| CDP1824CD | SRAM | 8-BIT | 256=32X8/MAX. ACCESS 710NS/5 ADDRESS 1CS LINES | CDP1802 |
| CDP1824D | SRAM | 8-BIT | 256=32X8/MAX. ACCESS 710NS/5 ADDRESS 1CS LINES | CDP1802 |
| CDP1824E | SRAM | 8-BIT | 256=32X8/MAX. ACCESS 710NS/5 ADDRESS 1CS LINES | CDP1802 |
| CDP1824CE | SRAM | 8-BIT | 256=32X8/MAX. ACCESS 710NS/5 ADDRESS 1CS LINES | CDP1802 |
| CDP1825CD | SRAM | 8-BIT | 4K=1024X8/MAX. ACCESS 650NS/6X 4Y 1CS ADDRESS LINES/2V RETENTION | CDP1802 |
| CDP1825D | SRAM | 8-BIT | 4K=1024X8/MAX. ACCESS 650NS/6X 4Y 1CS ADDRESS LINES/2V RETENTION | CDP1802 |
| CDP1831CD | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/8 ADDRESS 2CS LINES | CDP1802 |
| CDP1831CE | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/8 ADDRESS 2CS LINES | CDP1802 |
| CDP1831D | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/8 ADDRESS 2CS LINES | CDP1802 |
| CDP1831E | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/8 ADDRESS 2CS LINES | CDP1802 |
| CDP1832CD | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/9 ADDRESS 1CS LINES/2704 PIN COMPATIBLE | CDP1802 |
| CDP1832CE | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/9 ADDRESS 1CS LINES/2704 PIN COMPATIBLE | CDP1802 |
| CDP1832D | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/9 ADDRESS 1CS LINES/2704 PIN COMPATIBLE | CDP1802 |
| CDP1832E | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/9 ADDRESS 1CS LINES/2704 PIN COMPATIBLE | CDP1802 |
| CDP1833CD | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 775NS/8 ADDRESS 2CS LINES | CDP1802 |
| CDP1833CE | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 775NS/8 ADDRESS 2CS LINES | CDP1802 |
| CDP1833D | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 775NS/8 ADDRESS 2CS LINES | CDP1802 |
| CDP1833E | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 775NS/8 ADDRESS 2CS LINES | CDP1802 |
| CDP1834CD | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 750NS/10 ADDRESS 2CS LINES/2708 PIN COMPAT | CDP1802 |
| CDP1834CE | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 750NS/10 ADDRESS 2CS LINES/2708 PIN COMPAT | CDP1802 |
| CDP1834D | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 750NS/10 ADDRESS 2CS LINES/2708 PIN COMPAT | CDP1802 |
| CDP1834E | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 750NS/10 ADDRESS 2CS LINES/2708 PIN COMPAT | CDP1802 |
| CDP1842CD | EAROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS 3CS LINES/STATIC | CDP1802 |
| CDP1851CD | PIO | 8-BIT | PROGRAMMABLE INPUT-OUTPUT INTERFACE | CDP1802 |
| CDP1851CE | PIO | 8-BIT | PROGRAMMABLE INPUT-OUTPUT INTERFACE | CDP1802 |
| CDP1851D | PIO | 8-BIT | PROGRAMMABLE INPUT-OUTPUT INTERFACE | CDP1802 |
| CDP1851E | PIO | 8-BIT | PROGRAMMABLE IINPUT-OUTPUT INTERFACE | CDP1802 |
| CDP1852CD | IP/OP | 8-BIT | PARALLEL 8-BIT MODE-PROGRAMMABLE INPUT-OUTPUT PORTS | CDP1802 |
| CDP1852CE | IP/OP | 8-BIT | PARALLEL 8-BIT MODE-PROGRAMMABLE INPUT-OUTPUT PORTS | CDP1802 |
| CDP1852D | IP/OP | 8-BIT | PARALLEL 8-BIT MODE-PROGRAMMABLE INPUT-OUTPUT PORTS | CDP1802 |
| CDP1853CD | DECDR | . | 1-OF-8 N-BIT DECODER | CDP1802 |
| CDP1853CE | DECDR | . | 1-OF-8 N-BIT DECODER | CDP1802 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|---------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| RCA | CHP | CMOS | -55C/+125C | +3V TO +15V | 5MXuA | CMOS | CMOS/TS | . . . | CD4061AH |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +12V | 10MXuA | CMOS | CMOS/TS | . . . | CD40061AD |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +12V | 10MXuA | CMOS | CMOS/TS | . . . | CD40061AE |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +7V | 10MXuA | CMOS | CMOS/TS | . . . | CD40061E |
| RCA | CHP | CMOS | -55C/+125C | +4V TO +7V | 10MXuA | CMOS | CMOS/TS | . . . | CD40061H |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +3V TO +18V | 5MXuA | CMOS | CMOS/TS | . . . | CD40114BD |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +3V TO +18V | 5MXuA | CMOS | CMOS/TS | . . . | CD40114BE |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +3V TO +18V | 5MXuA | CMOS | CMOS/TS | . . . | CD40114BF |
| RCA | CHP | CMOS | -55C/+125C | +3V TO +18V | 5MXuA | CMOS | CMOS/TS | . . . | CD40114BH |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +4V TO +6.5V | 200MXuA | CMOS | CMOS | . . . | CDP1802CD |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +4V TO +6.5V | 200MXuA | CMOS | CMOS | . . . | CDP1802CE |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +4V TO +10.5V | 200MXuA | CMOS | CMOS | . . . | CDP1802D |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +4V TO +10.5V | 200MXuA | CMOS | CMOS | . . . | CDP1802E |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +(4.5/6.5)V | 10TPuA | CMOS | CMOS | . . . | CDP1804CD |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +(4.5/6.5)V | 10TPuA | CMOS | CMOS | . . . | CDP1804CE |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +(4.0/10.5)V | 10TPuA | CMOS | CMOS | . . . | CDP1804D |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +(4.0/10.5)V | 10TPuA | CMOS | CMOS | . . . | CDP1804E |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO 6.5V | 500MXuA | CMOS | CMOS | . . . | CDP1821CD |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO 6.5V | 500MXuA | CMOS | CMOS | . . . | CDP1821CE |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +10.5V | 500MXuA | CMOS | CMOS | . . . | CDP1821D |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +10.5V | 500MXuA | CMOS | CMOS | . . . | CDP1821E |
| RCA | DIL-16/1C | CMOS | -40C/+85C | +4V TO +6V | 500TPuA | CMOS | CMOS | . . . | CDP1821SCD |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +10V | 100TPuA | CMOS | CMOS | . . . | CDP1821SD |
| RCA | DIL-22/4C | CMOS | -55C/+125C | +4V TO +6.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1822CD |
| RCA | DIL-22/4P | CMOS | -40C/+85C | +4V TO +6.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1822CE |
| RCA | DIL-22/4C | CMOS | -55C/+125C | +4V TO +10.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1822D |
| RCA | DIL-22/4C | CMOS | -55C/+125C | +4V TO +10.5V | 50MXuA | CMOS | CMOS/TS | . . . | CDP1822DL1 |
| RCA | DIL-22/4C | CMOS | -55C/+125C | +4V TO +10.5V | 200MXuA | CMOS | CMOS/TS | . . . | CDP1822DL3 |
| RCA | DIL-22/4C | CMOS | -55C/+125C | +4V TO +10.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1822DL8 |
| RCA | DIL-22/4P | CMOS | -40C/+85C | +4V TO +10.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1822E |
| RCA | CHP | CMOS | -55C/+125C | +4V TO +10.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1822H |
| RCA | DIL-22/4C | CMOS | -55C/+125C | +4V TO +10.5V | 500TPuA | CMOS | CMOS/TS | . . . | CDP1822SCD |
| RCA | DIL-22/4C | CMOS | -55C/+125C | +4V TO +10.5V | 100TPuA | CMOS | CMOS/TS | . . . | CDP1821SD |
| RCA | DIL-22/4C | CMOS | -55C/+125C | +4V TO +10.5V | 50MXuA | CMOS | CMOS/TS | . . . | CDP1822SDL1 |
| RCA | DIL-22/4C | CMOS | -55C/+125C | +4V TO +10.5V | 200MXuA | CMOS | CMOS/TS | . . . | CDP1822SDL3 |
| RCA | DIL-22/4C | CMOS | -55C/+125C | +4V TO +10.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1822SDL8 |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +6.5V | 500MXuA | CMOS | CMOS | . . . | CDP1823CD |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +6.5V | 500MXuA | CMOS | CMOS | . . . | CDP1823CE |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +10.5V | 500MXuA | CMOS | CMOS | . . . | CDP1823D |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +10.5V | 500MXuA | CMOS | CMOS | . . . | CDP1823E |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +6V | 500MXuA | CMOS | CMOS | . . . | CDP1823SCD |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +10V | 500MXuA | CMOS | CMOS | . . . | CDP1823SD |
| RCA | DIL-18/1C | CMOS | -55C/+125C | +4V TO +6.5V | 500MXuA | CMOS | CMOS | . . . | CDP1824CD |
| RCA | DIL-18/1C | CMOS | -55C/+125C | +4V TO +10.5V | 100MXuA | CMOS | CMOS | . . . | CDP1824D |
| RCA | DIL-18/1P | CMOS | -40C/+85C | +4V TO +10.5V | 100MXuA | CMOS | CMOS | . . . | CDP1824E |
| RCA | DIL-18/1P | CMOS | -40C/+85C | +4V TO +6.5V | 500MXuA | CMOS | CMOS | . . . | CDP1824CE |
| RCA | DIL-18/1C | CMOS | -55C/+125C | +4V TO +6.5V | 200MXuA | CMOS | CMOS/TS | . . . | CDP1825CD |
| RCA | DIL-18/1C | CMOS | -55C/+125C | +4V TO +10.5V | 200MXuA | CMOS | CMOS/TS | . . . | CDP1825D |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +6.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1831CD |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +6.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1831CE |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +10.5V | 100MXuA | CMOS | CMOS/TS | . . . | CDP1831D |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +10.5V | 100MXuA | CMOS | CMOS/TS | . . . | CDP1831E |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +6.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1832CD |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +6.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1832CE |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +10.5V | 100MXuA | CMOS | CMOS/TS | . . . | CDP1832D |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +10.5V | 100MXuA | CMOS | CMOS/TS | . . . | CDP1832E |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +6.5V | 100MXuA | CMOS | CMOS/TS | . . . | CDP1832E |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +6.5V | 200MXuA | CMOS | CMOS/TS | . . . | CDP1833CD |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +6.5V | 200MXuA | CMOS | CMOS/TS | . . . | CDP1833CE |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +10.5V | 50MXuA | CMOS | CMOS/TS | . . . | CDP1833D |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +10.5V | 50MXuA | CMOS | CMOS/TS | . . . | CDP1833E |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +6.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1834CD |
| RCA | DIL-24/2P | CMOS | -40C/+75C | +4V TO +6.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1834CE |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +10.5V | 100MXuA | CMOS | CMOS/TS | . . . | CDP1834D |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +10.5V | 100MXuA | CMOS | CMOS/TS | . . . | CDP1834E |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +6.5V | 100MXuA | CMOS | TTL | . . . | CDP1842CD |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +4V TO +6.5V | 200MXuA | CMOS | CMOS | . . . | CDP1851CD |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +4V TO +6.5V | 200MXuA | CMOS | CMOS | . . . | CDP1851CE |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +4V TO +10.5V | 50MXuA | CMOS | CMOS | . . . | CDP1851D |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +4V TO +10.5V | 50MXuA | CMOS | CMOS | . . . | CDP1851E |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +6.5V | 500MXuA | CMOS | CMOS/TS | . . . | CDP1852CD |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +6.5V | 500MXuA | CMOS | CMOS | . . . | CDP1852CE |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +10.5V | 100MXuA | CMOS | CMOS/TS | . . . | CDP1852D |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +10.5V | 100MXuA | CMOS | CMOS | . . . | CDP1852E |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +6.5V | 50MXuA | CMOS | CMOS | . . . | CDP1853CD |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +6.5V | 50MXuA | CMOS | CMOS | . . . | CDP1853CE |

| DEVICE TYPE NO | FUNC TION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|-----------------|-----------------|------------------|--|--------------------|
| CDP1853D | DECDR | . | 1-OF-8 N-BIT DECODER | CDP1802 |
| CDP1853E | DECDR | . | 1-OF-8 N-BIT DECODER | CDP1802 |
| CDP1854ACD | UART | 5-8BIT | UNIVERSAL PROGRAMMABLE ASYNCHRONOUS RECEIVER-TRANSMITTER/2-MODE | CDP1802 |
| CDP1854ACE | UART | 5-8BIT | UNIVERSAL PROGRAMMABLE ASYNCHRONOUS RECEIVER-TRANSMITTER/2-MODE | CDP1802 |
| CDP1854AD | UART | 5-8BIT | UNIVERSAL PROGRAMMABLE ASYNCHRONOUS RECEIVER-TRANSMITTER/2-MODE | CDP1802 |
| CDP1854AE | UART | 5-8BIT | UNIVERSAL PROGRAMMABLE ASYNCHRONOUS RECEIVER-TRANSMITTER/2-MODE | CDP1802 |
| CDP1854E | UART | 5-8BIT | UNIVERSAL PROGRAMMABLE ASYNCHRONOUS RECEIVER-TRANSMITTER/2-MODE | CDP1802 |
| CDP1855CD | ARU | 8-BIT | PROGRAMMABLE 8-BIT MULTIPLY-DIVIDE UNIT | CDP1802 |
| CDP1855CE | ARU | 8-BIT | PROGRAMMABLE 8-BIT MULTIPLY-DIVIDE UNIT | CDP1802 |
| CDP1855D | ARU | 8-BIT | PROGRAMMABLE 8-BIT MULTIPLY-DIVIDE UNIT | CDP1802 |
| CDP1855E | ARU | 8-BIT | PROGRAMMABLE 8-BIT MULTIPLY-DIVIDE UNIT | CDP1802 |
| CDP1856CD | BUFR | 4-BIT | 4-BIT BUS BUFFER-SEPARATOR/NON-INVERTING/EXT. MEM. IFACE | CDP1802 |
| CDP1856CE | BUFR | 4-BIT | 4-BIT BUS BUFFER-SEPARATOR/NON-INVERTING/EXT. MEM. IFACE | CDP1802 |
| CDP1856D | BUFR | 4-BIT | 4-BIT BUS BUFFER-SEPARATOR/NON-INVERTING/EXT. MEM. IFACE | CDP1802 |
| CDP1856E | BUFR | 4-BIT | 4-BIT BUS BUFFER-SEPARATOR/NON-INVERTING/EXT. MEM. IFACE | CDP1802 |
| CDP1857CD | BUFR | 4-BIT | 4-BIT BUS BUFFER-SEPARATOR/NON-INVERTING/IO DEVICES IFACE | CDP1802 |
| CDP1857CE | BUFR | 4-BIT | 4-BIT BUS BUFFER-SEPARATOR/NON-INVERTING/IO DEVICES IFACE | CDP1802 |
| CDP1857D | BUFR | 4-BIT | 4-BIT BUS BUFFER-SEPARATOR/NON-INVERTING/IO DEVICES IFACE | CDP1802 |
| CDP1857E | BUFR | 4-BIT | 4-BIT BUS BUFFER-SEPARATOR/NON-INVERTING/IO DEVICES IFACE | CDP1802 |
| CDP1858CD | LATCH | 4-BIT | 4-BIT LATCH WITH DECODE/INTERFACE TO 32 CDP1822 RAMS/NON-INV. | CDP1802 |
| CDP1858CE | LATCH | 4-BIT | 4-BIT LATCH WITH DECODE/INTERFACE TO 32 CDP1822 RAMS/NON-INV. | CDP1802 |
| CDP1858D | LATCH | 4-BIT | 4-BIT LATCH WITH DECODE/INTERFACE TO 32 CDP1822 RAMS/NON-INV. | CDP1802 |
| CDP1858E | LATCH | 4-BIT | 4-BIT LATCH WITH DECODE/INTERFACE TO 32 CDP1822 RAMS/NON-INV. | CDP1802 |
| CDP1859CD | LATCH | 4-BIT | 4-BIT LATCH WITH DECODE/INTERFACE TO 32 CDP1821 RAMS/NON-INV. | CDP1802 |
| CDP1859CE | LATCH | 4-BIT | 4-BIT LATCH WITH DECODE/INTERFACE TO 32 CDP1821 RAMS/NON-INV. | CDP1802 |
| CDP1859D | LATCH | 4-BIT | 4-BIT LATCH WITH DECODE/INTERFACE TO 32 CDP1821 RAMS/NON-INV. | CDP1802 |
| CDP1859E | LATCH | 4-BIT | 4-BIT LATCH WITH DECODE/INTERFACE TO 32 CDP1821 RAMS/NON-INV. | CDP1802 |
| CDP1861CD | VDUC | 8-BIT | VIDEO DISPLAY CONTROLLER | CDP1802 |
| CDP1862CD | SPECL | 8-BIT | COLOR GENERATOR CONTROLLER/IFACE DIRECT WITH CDP1861 VDUC | CDP1802 |
| CDP1862CE | SPECL | 8-BIT | COLOR GENERATOR CONTROLLER/IFACE DIRECT WITH CDP1861 VDUC | CDP1802 |
| CDP1863CD | CLOCK | 8-BIT | 8-BIT PROGRAMMABLE FREQUENCY GENERATOR/256 O-P FREQS. FROM 1 IP | CDP1802 |
| CDP1863CE | CLOCK | 8-BIT | 8-BIT PROGRAMMABLE FREQUENCY GENERATOR/256 O-P FREQS. FROM 1 IP | CDP1802 |
| CDP1863D | CLOCK | 8-BIT | 8-BIT PROGRAMMABLE FREQUENCY GENERATOR/256 O-P FREQS. FROM 1 IP | CDP1802 |
| CDP1863E | CLOCK | 8-BIT | 8-BIT PROGRAMMABLE FREQUENCY GENERATOR/256 O-P FREQS. FROM 1 IP | CDP1802 |
| CDP1864CD | SPECL | 8-BIT | PAL COMPATIBLE COLOR TV INTERFACE | CDP1802 |
| CDP1864CE | SPECL | 8-BIT | PAL COMPATIBLE COLOR TV INTERFACE | CDP1802 |
| CDP1866CD | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 1024X8 RAMS | CDP1802 |
| CDP1866CE | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 1024X8 RAMS | CDP1802 |
| CDP1866D | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 1024X8 RAMS | CDP1802 |
| CDP1866E | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 1024X8 RAMS | CDP1802 |
| CDP1867CD | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 4096X8 RAMS | CDP1802 |
| CDP1867CE | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 4096X8 RAMS | CDP1802 |
| CDP1867D | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 4096X8 RAMS | CDP1802 |
| CDP1867E | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 4096X8 RAMS | CDP1802 |
| CDP1868CD | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 1024X8 RAMS/FOR 1861,1862 | CDP1802 |
| CDP1868CE | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 1024X8 RAMS/FOR 1861,1862 | CDP1802 |
| CDP1868D | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 1024X8 RAMS/FOR 1861,1862 | CDP1802 |
| CDP1868E | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 1024X8 RAMS/FOR 1861,1862 | CDP1802 |
| CDP1868E | MEMCT | 4-BIT | 4-BIT LATCH AND DECODER MEM. IFACE/FOR 1024X8 RAMS/FOR 1861,1862 | CDP1802 |
| CDP1869CD | SPECL | 8-BIT | VIDEO INTERFACE SYSTEM/ADDRESS AND SOUND GEN./PAIRS WITH 1870 | CDP1802 |
| CDP1869CE | SPECL | 8-BIT | VIDEO INTERFACE SYSTEM/ADDRESS AND SOUND GEN./PAIRS WITH 1870 | CDP1802 |
| CDP1870CD | SPECL | 8-BIT | VIDEO INTERFACE SYSTEM/COLOR VIDEO GEN./PAIRS WITH 1869 | CDP1802 |
| CDP1870CE | SPECL | 8-BIT | VIDEO INTERFACE SYSTEM/COLOR VIDEO GEN./PAIRS WITH 1869 | CDP1802 |
| CDPR512 | MROM | 8-BIT | UT4 UTILITY PROGRAM OFF-SHELF STANDARD ROM/4K-512X8(CDP1832) | CDP1802 |
| CDPR522 | MROM | 8-BIT | MICROTERMINAL CONTROLLER OFF-SHELF STANDARD ROM/4K-512X8-CDP1832 | CDP1802 |
| CDPR582 | MROM | 8-BIT | FIXED-POINT ARITHMETIC OFF-SHELF STANDARD ROM/8K-1024X8-CDP1833D | CDP1802 |
| CM3101 | SRAM | 4-BIT | 64-16X4/MAX. ACCESS 60NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| CM3101A | SRAM | 4-BIT | 64-16X4/MAX. ACCESS 35NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| CP1600A-CERAMIC | MPU | 16-BIT | SINGLE-CHIP CPU OF 1600 FAMILY (APP. B)/400NS MAX. MICROCYCLE | 1600 |
| CP1600A-PLASTIC | MPU | 16-BIT | SINGLE-CHIP CPU OF 1600 FAMILY (APP. B)/400NS MAX. MICROCYCLE | 1600 |
| CP1600-CERAMIC | MPU | 16-BIT | SINGLE-CHIP CPU OF 1600 FAMILY (APP. B)/600NS MAX. MICROCYCLE | 1600 |
| CP1600-PLASTIC | MPU | 16-BIT | SINGLE-CHIP CPU OF 1600 FAMILY (APP. B)/600NS MAX. MICROCYCLE | 1600 |
| CP1610-CERAMIC | MPU | 16-BIT | SINGLE-CHIP CPU OF 1600 FAMILY (APP. B)-1000NS MAX. MICROCYCLE | 1600 |
| CP1610-PLASTIC | MPU | 16-BIT | SINGLE-CHIP CPU OF 1600 FAMILY (APP. B)-1000NS MAX. MICROCYCLE | 1600 |
| D1103 | DRAM | 1-BIT | 1K-1024X1/MAX. ACCESS 300NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| D1103A | DRAM | 1-BIT | 1K-1024X1/MAX. ACCESS 205NS/5X 5Y ADDRESS 1CE LINES/NO PRECHARGE | GEN. PURP. |
| D2101A | SRAM | 4-BIT | 1K-256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| D2101A2 | SRAM | 4-BIT | 1K-256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| D2101A4 | SRAM | 4-BIT | 1K-256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| D2102A | SRAM | 1-BIT | 1K-1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| D2102A-1 | SRAM | 1-BIT | 1K-1024X1/MAX. ACCESS 200NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| D2102A-2 | SRAM | 1-BIT | 1K-1024X1/MAX. ACCESS 250NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| D2102A-4 | SRAM | 1-BIT | 1K-1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|----------------|-----------------|
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1853D |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1853E |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +4V TO +6.5V | 200MXuA | . CMOS | . CMOS | . . . | CDP1854ACD |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +4V TO +6.5V | 200MXuA | . CMOS | . CMOS | . . . | CDP1854ACE |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +4V TO +10.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1854AD |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +4V TO +10.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1854AE |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +4V TO +6.5V | 500TPuA | . CMOS | . CMOS | CDP1854ACD | CDP1854CD |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +4V TO +6.5V | 500TPuA | . CMOS | . CMOS | CDP1854ACE | CDP1854CE |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +4V TO +10.5C | 100TPuA | . CMOS | . CMOS | CDP1854AD | CDP1854AD |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +4V TO +10.5V | 100TPuA | . CMOS | . CMOS | CDP1854AE | CDP1854AE |
| RCA | DIL-28/2C | CMOS | -55C/+125C | +4V TO +6.5V | 200MXuA | . CMOS | . CMOS | . . . | CDP1855CD |
| RCA | DIL-28/2P | CMOS | -40C/+85C | +4V TO +6.5V | 200MXuA | . CMOS | . CMOS | . . . | CDP1855CE |
| RCA | DIL-28/2C | CMOS | -55C/+125C | +4V TO +10.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1855D |
| RCA | DIL-28/2P | CMOS | -40C/+85C | +4V TO +10.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1855E |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1856CD |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1856CE |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1856D |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +10.5C | 10MXuA | . CMOS | . CMOS | . . . | CDP1856E |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1857CD |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1857CE |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +10.5C | 10MXuA | . CMOS | . CMOS | . . . | CDP1857D |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1857E |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1858CD |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1858CE |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1858D |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1858E |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1859CD |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1859CE |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1859D |
| RCA | DIL-16/1P | CMOS | -40C/+85C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1859E |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +6.5V | 500TPuA | . CMOS | . CMOS | . . . | CDP1861CD |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +10.5V | 500MXuA | . CMOS | . CMOS | . . . | CDP1862CD |
| RCA | DIL-24/2P | CMOS | -40C/+85C | +4V TO +6.5V | 500MXuA | . CMOS | . CMOS | . . . | CDP1862CE |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +6.5V | 500MXuA | . CMOS | . CMOS | . . . | CDP1863CD |
| RCA | DIL-16/1P | CMOS | -50C/+85C | +4V TO +6.5V | 500MXuA | . CMOS | . CMOS | . . . | CDP1863CE |
| RCA | DIL-16/1C | CMOS | -55C/+125C | +4V TO +10.5V | 500MXuA | . CMOS | . CMOS | . . . | CDP1863D |
| RCA | DIL-16/1P | CMOS | -50C/+85C | +4V TO +10.5V | 500MXuA | . CMOS | . CMOS | . . . | CDP1863E |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +4V TO +6.5V | 500MXuA | . CMOS | . CMOS | . . . | CDP1864CD |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +4V TO +6.5V | 500MXuA | . CMOS | . CMOS | . . . | CDP1864CE |
| RCA | DIL-18/1C | CMOS | -55C/+125C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1866CD |
| RCA | DIL-18/1P | CMOS | -40C/+85C | +5V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1866CE |
| RCA | DIL-18/1C | CMOS | -55C/+125C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1866D |
| RCA | DIL-18/1P | CMOS | -40C/+85C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1866E |
| RCA | DIL-18/1C | CMOS | -55C/+125C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1867CD |
| RCA | DIL-18/1P | CMOS | -40C/+85C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1867CE |
| RCA | DIL-18/1C | CMOS | -55C/+125C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1867D |
| RCA | DIL-18/1P | CMOS | -40C/+85C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1867E |
| RCA | DIL-18/1C | CMOS | -55C/+125C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1868CD |
| RCA | DIL-18/1P | CMOS | -40C/+85C | +4V TO +6.5V | 50MXuA | . CMOS | . CMOS | . . . | CDP1868CE |
| RCA | DIL-18/1C | CMOS | -55C/+125C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1868D |
| RCA | DIL-18/1P | CMOS | -40C/+85C | +4V TO +10.5V | 10MXuA | . CMOS | . CMOS | . . . | CDP1868E |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +4V TO +6.5V | 500MXuA | . CMOS | . CMOS | . . . | CDP1869CD |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +4V TO +6.5V | 500MXuA | . CMOS | . CMOS | . . . | CDP1869CE |
| RCA | DIL-40/2C | CMOS | -55C/+125C | +4V TO +6.5V | 500MXuA | . CMOS | . CMOS | . . . | CDP1870CD |
| RCA | DIL-40/2P | CMOS | -40C/+85C | +4V TO +10.5V | 500MXuA | . CMOS | . CMOS | . . . | CDP1870CE |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +10.5V | 100MXuA | . CMOS | CMOS/TS | . . . | CDPR512 |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +10.5V | 100MXuA | . CMOS | CMOS/TS | . . . | CDPR522 |
| RCA | DIL-24/2C | CMOS | -55C/+125C | +4V TO +10.5V | 50MXuA | . CMOS | CMOS/TS | . . . | CDPR82 |
| INL | DIL-16/1C | STLB | OC/+75C | . . . +5V | 105MXMA | . TTL | TTL/OC | CM3101A | CM3101 |
| INL | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 105MXMA | . TTL | TTL/OC | . . . | CM3101A |
| GEI | DIL-40/2C | NMOS | OC/+70C | -3V/+5V/+12V | 110MXMA | . TTL | . TTL | . . . | CP1600A-CERAMIC |
| GEI | DIL-40/2P | NMOS | OC/+70C | -3V/+5V/+12V | 110MXMA | . TTL | . TTL | . . . | CP1600A-PLASTIC |
| GEI | DIL-40/2C | NMOS | OC/+70C | -3V/+5V/+12V | 110MXMA | . TTL | . TTL | CP1600A-CER. | CP1600-CERAMIC |
| GEI | DIL-40/2P | NMOS | OC/+70C | -3V/+5V/+12V | 110MXMA | . TTL | . TTL | CP1600A-PLAS | CP1600-PLASTIC |
| GEI | DIL-40/2C | NMOS | OC/+70C | -3V/+5V/+10V | 110MXMA | . TTL | . TTL | . . . | CP1610-CERAMIC |
| GEI | DIL-40/2P | NMOS | OC/+70C | -3V/+5V/+10V | 110MXMA | . TTL | . TTL | . . . | CP1610-PLASTIC |
| INL | DIL-18/1C | PMOS | OC/+70C | . +16V/+19V | 25MXMA | . MOS | SENSE AMP | ITT1103 | D1103 |
| INL | DIL-18/1C | PMOS | OC/+70C | . +19V/+22.5V | 25MXMA | . MOS | SENSE AMP | SY1103A | D1103A |
| INL | DIL-22/4C | NMOS | OC/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | MM2101A | D2101A |
| INL | DIL-22/4C | NMOS | OC/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | P2101A-2 | D2101A2 |
| INL | DIL-22/4C | NMOS | OC/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | B2101A-4 | D2101A4 |
| INL | DIL-16/1C | NMOS | OC/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | C2102A | D2102A |
| INL | DIL-16/1C | NMOS | OC/+70C | . . . +5V | 65MXMA | . TTL | TTL/TS | P2102A-1 | D2102A-1 |
| INL | DIL-16/1C | NMOS | OC/+70C | . . . +5V | 65MXMA | . TTL | TTL/TS | SAB2102A-4-4-D | D2102A-2 |
| INL | DIL-16/1C | NMOS | OC/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | MC2102A-4 | D2102A-4 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| D2102A-6 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| D2102AL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| D2102AL2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| D2102AL4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| D2104 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 650NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| D2104A | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| D2104A-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| D2104A-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| D2104A-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| D2104A-4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| D2104-4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| D2107C | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2107C-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2107C-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2107CA | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2109-3 | DRAM | 1-BIT | 8K=8192X1/MAX. ACCESS 200NS | GEN. PURP. |
| D2109-4 | DRAM | 1-BIT | 8K=8192X1/MAX. ACCESS 250NS | GEN. PURP. |
| D2111A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| D2111A-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| D2111A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 8080 |
| D2112A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 1CE ADDRESS LINES | 8080 |
| D2112A-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 1CE ADDRESS LINES | 9080 |
| D2112A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 1CE ADDRESS LINES | 9080 |
| D2114 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| D2114L | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| D2114L-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| D2114L-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| D2114-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| D2114-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| D2115 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2115A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2115A-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2115AL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2115AL-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2115H-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 25NS/5X 5Y 1CS ADDRESS LINES/HIGH SPEED | GEN. PURP. |
| D2115H-3 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 30NS/5X 5Y 1CS ADDRESS LINES/HIGH SPEED | GEN. PURP. |
| D2115H-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES/HIGH SPEED | GEN. PURP. |
| D2115L | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2115-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2117-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 ADDRESS LINES | GEN. PURP. |
| D2117-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 ADDRESS LINES | GEN. PURP. |
| D2117-4 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 ADDRESS LINES | GEN. PURP. |
| D2117-5 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/7 ADDRESS LINES | GEN. PURP. |
| D2118-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 80NS/7 MUX ADDRESS LINES/16MXMW STNDBY | GEN. PURP. |
| D2118-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 100NS/7 MUX ADDRESS LINES/16MXMW STNDBY | GEN. PURP. |
| D2118-4 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 120NS/7 MUX ADDRESS LINES/16MXMW STNDBY | GEN. PURP. |
| D2118-7 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX ADDRESS LINES/16MXMW STNDBY | GEN. PURP. |
| D2125 | SRAM | 1-BIT | 1K=1024X10MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2125A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2125A-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2125AL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2125AL2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2125H-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 20NS/5X 5Y 1CS ADDRESS LINES/HIGH SPEED | GEN. PURP. |
| D2125H-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 25NS/5X 5Y 1CS ADDRESS LINES/HIGH SPEED | GEN. PURP. |
| D2125H-3 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 30NS/5X 5Y 1CS ADDRESS LINES/HIGH SPEED | GEN. PURP. |
| D2125H-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES/HIGH SPEED | GEN. PURP. |
| D2125L | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2125-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| D2141L-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2141L-4 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2141L-5 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2141-2 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 120NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2141-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2141-4 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2141-5 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2147 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2147H-1 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 35NS/6X 6Y 1CS ADDRESS LINES/HIGH SPEED | GEN. PURP. |
| D2147H-2 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 45NS/6X 6Y 1CS ADDRESS LINES/HIGH SPEED | GEN. PURP. |
| D2147L | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2147-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 55NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| D2148 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 70NS/6X 4Y 1CE ADDRESS LINES/AUTO PWR DOWN | GEN. PURP. |
| D2148-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 55NS/6X 4Y 1CE ADDRESS LINES/AUTO PWR DOWN | GEN. PURP. |
| D2148-6 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 85NS/6X 4Y 1CE ADDRESS LINES/AUTO PWR DOWN | GEN. PURP. |
| D2308 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| D2316A | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/ 11 ADDRESS 3CS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|--------------|----------------|
| INL | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | MC2102A-6 | D2102A-6 |
| INL | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 33MXMA | . TTL | TTL/TS | SAB2102AL | D2102AL |
| INL | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 65MXMA | . TTL | TTL/TS | . | D2102AL2 |
| INL | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 33MXMA | . TTL | TTL/TS | SAB2102AL | D2102AL4 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4096P-11 | D2104 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4027N-3 | D2104A |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4027P-2 | D2104A-1 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 32MXMA | . TTL | TTL/TS | MK4027P-3 | D2104A-2 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 30MXMA | . TTL | TTL/TS | MK4027P-3 | D2104A-3 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 30MXMA | . TTL | TTL/TS | MK4027P-3 | D2104A-4 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4096P-11 | D2104-4 |
| INL | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | . | . TTL | TTL/TS | MM5280 | D2107C |
| INL | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | . | . TTL | TTL/TS | MM5280 | D2107C-1 |
| INL | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | . | . TTL | TTL/TS | MM5280 | D2107C-2 |
| INL | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | . | . TTL | TTL/TS | MM5280 | D2107C4 |
| INL | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | . | . TTL | TTL/TS | C2109-3 | D2109-3 |
| INL | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | . | . TTL | TTL/TS | C2109-4 | D2109-4 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | SYC2111A | D2111A |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2111A-2 | D2111A-2 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | D2111A-2 | D2111A-4 |
| INL | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | C2112A | D2112A |
| INL | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | P2112A-2 | D2112A-2 |
| INL | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | P2112A-4 | D2112A-4 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL/TS | C2114 | D2114 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 65MXMA | . TTL | TTL/TS | IM2114LCJN | D2114L |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 65MXMA | . TTL | TTL/TS | MCM2114P-20 | D2114L-2 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 65MXMA | . TTL | TTL/TS | MCM2114P-30 | D2114L-3 |
| INL | DIL-18/1C | NMOS | 0C/+75C | . . +5V | 90MXMA | . TTL | TTL/TS | C2114-2 | D2114-2 |
| INL | DIL-18/1C | NMOS | 0C/+80C | . . +5V | 120MXMA | . TTL | TTL/TS | MCM2114P-30 | D2114-3 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 100MXMA | . TTL | TTL/OC | D2115A-2 | D2115 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/OC | 93415ADC | D2115A |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/OC | 93415ADC | D2115A-2 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 75MXMA | . TTL | TTL/OC | 93L415DC | D2115AL |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 75MXMA | . TTL | TTL/OC | 93L415ADC | D2115AL-2 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | . | . TTL | TTL/OC | . | D2115H-2 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | . | . TTL | TTL/OC | . | D2115H-3 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | . | . TTL | TTL/OC | . | D2115H-4 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 65MXMA | . TTL | TTL/OC | D2115AL-2 | D2115L |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/OC | D2115A-2 | D2115-2 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | . | . TTL | TTL/TS | MK4116-2 | D2117-2 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | . | . TTL | TTL/TS | MK4116-3 | D2117-3 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | . | . TTL | TTL/TS | MK4116-4 | D2117-4 |
| INL | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | . | . TTL | TTL/TS | MK4116-4 | D2117-5 |
| INL | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 160MXMW | . TTL | TTL/TS | . | D2118-2 |
| INL | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 160MXMW | . TTL | TTL/TS | . | D2118-3 |
| INL | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 160MXMW | . TTL | TTL/TS | . | D2118-4 |
| INL | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 160MXMW | . TTL | TTL/TS | . | D2118-7 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 100MXMA | . TTL | TTL/TS | D2125A-2 | D2125 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/TS | 93425ADC | D2125A |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/TS | 93425ADC | D2125A-2 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 75MXMA | . TTL | TTL/TS | 93L425DC | D2125AL |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 75MXMA | . TTL | TTL/TS | 93L425ADC | D2125AL2 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | . | . TTL | TTL/TS | . | D2125H-1 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | . | . TTL | TTL/TS | . | D2125H-2 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | . | . TTL | TTL/TS | . | D2125H-3 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | . | . TTL | TTL/TS | . | D2125H-4 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 65MXMA | . TTL | TTL/TS | D2125AL2 | D2125L |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/TS | D2125A-2 | D2125-2 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | MCM66L41L-20 | D2141L-3 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | MCP66L41C-20 | D2141L-4 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | MCP66L41C-25 | D2141L-5 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | MCM6641C-20 | D2141-2 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 100 | . TTL | TTL/TS | MCP6641L-20 | D2141-3 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | MCP6641L-20 | D2141-4 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | MCM6641L-20 | D2141-5 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 150MXMA | . TTL | TTL/TS | MCM2147C-70 | D2147 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | . | D2147H-1 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | . | D2147H-2 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | . | D2147L |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 150MXMA | . TTL | TTL/TS | MCM2147C-55 | D2147-3 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | . | D2148 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | . | D2148-2 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | . | D2148-6 |
| INL | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 840MXMW | . TTL | TTL/TS | MK30000P | D2308 |
| INL | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 98MXMA | . TTL | TTL/TS | MK31000P-3 | D2316A |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| D2316E | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 3CS LINES/E-PINOUT | 8080 |
| D2323A | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/12 ADDRESS 2CS LINES/30MXMA STANDBY | GEN. PURP. |
| D2364A | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 450NS/13 ADDRESS 1CS LINES | GEN. PURP. |
| D2608 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/10 ADDRESS 1CS LINES | GEN. PURP. |
| D2708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| D2708L | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES/LUW POWER | GEN. PURP. |
| D2708-1 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| D2716 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085/8080 |
| D2716-1 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085/8080 |
| D2716-2 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 390NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085/8080 |
| D2732 | EPROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/11 ADDRESS 1CE LINES | GEN. PURP. |
| D2758 | EPROM | 1-BIT | 8K=8196X1/MAX. ACCESS 450NS/10 ADDRESS LINES/132MXMW STANDBY | GEN. PURP. |
| D2910 | SPECL | 8-BIT | PCM CODEC-uLAW 8-BIT COMPANDED A-D AND D-A CONVERTER | GEN. PURP. |
| D2911 | SPECL | 8-BIT | PCM CODEC-A-LAW 8-BIT COMPANDED A-D AND D-A CONVERTER | GEN. PURP. |
| D2912 | SPECL | | PCM LINE FILTERS/USED WITH D2910 AND D2911 | GEN. PURP. |
| D3001 | MCU | 2-BIT | MICROPROGRAM CONTROL UNIT FOR 3000 2-BIT-SLICE FAMILY | 3000 |
| D3002 | CPBES | 2-BIT | CENTRAL PROCESSING ELEMENT OF 3000 2-BIT SLICE FAM. | 3000 |
| D3003 | LAHCG | 8-BIT | LOOK AHEAD CARRY GENERATOR FOR 3000 2-BIT-SLICE FAM. | 3000 |
| D3101 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| D3101A | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| D3104 | CAM | 4-BIT | 16=4X4/MAX. ACCESS 30NS/4 ADDRESS LINES | GEN. PURP. |
| D3205 | DECDR | 3-BIT | 1-OF-8 BINARY DECODER/MAX. DELAY 18NS | GEN. PURP. |
| D3207A | LVLSH | 4-BIT | QUAD BIPOLAR-TO-MOS LEVEL SHIFTER AND DRIVER FOR 1103 MEM. CHIP | GEN. PURP. |
| D3207A-1 | LVLSH | 4-BIT | QUAD BIPOLAR-TO-MOS LEVEL SHIFTER AND DRIVER FOR 1103-1 MEM CHIP | GEN. PURP. |
| D3208A | SAMP | 6-BIT | HEX BIPOLAR SENSE AMP. FOR MOS CIRCUITS | GEN. PURP. |
| D3212 | LATCH | 8-BIT | MULTIMODE LATCH BUFFER/8 D-TYPE LATCHES/MAX. WRITE CYCLE 50NS | 3000 |
| D3214 | ITRPC | 8-BIT | INTERRUPT CONTROL UNIT | 3000 |
| D3216 | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER | 3000 |
| D3222 | DMI | 1-BIT | REFRESH CONTROLLER FOR 4K DRAMS (SUCH AS 2107)/6 ADDRESS LINES | GEN. PURP. |
| D3226 | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER/INVERTING | 3000 |
| D3232 | DMI | | DRAM ADDRESS MUX AND REFRESH COUNTER (EG 2104 AND 4027) | GEN. PURP. |
| D3242 | DMI | | ADDRESS MUX AND REFRESH COUNTER FOR 16K DRAMS (EG 2116 AND 4116) | GEN. PURP. |
| D3245 | LVLSH | 4-BIT | QUAD TTL-TO-MOS DRIVER | GEN. PURP. |
| D3404 | LATCH | 6-BIT | HIGH SPEED 6-BIT LATCH/MAX. DELAY 12NS | GEN. PURP. |
| D3408 | SAMP | 6-BIT | HEX BIPOLAR SENSE AMP. WITH LATCH FOR MOS CIRCUITS | GEN. PURP. |
| D3408A | SAMP | 6-BIT | HEX BIPOLAR SENSE AMP. WITH LATCH FOR MOS CIRCUITS | GEN. PURP. |
| D3601 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| D3601-1 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| D3602 | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/9 ADDRESS 1CS LINES | GEN. PURP. |
| D3602A | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/9 ADDRESS 1CS LINES/MODIFIED PROGRAMMG | GEN. PURP. |
| D3602A-2 | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/9 ADDRESS 1CS LINES/MODIFIED PROGRAMMG | GEN. PURP. |
| D3602-4 | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 90NS/9 ADDRESS 1CS LINES | GEN. PURP. |
| D3604 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| D3604A | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| D3604A-2 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 4CS LINES/MOD. PROGRAMMING | GEN. PURP. |
| D3604AL | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES/MOD. PROGRAM./LOW PWR | GEN. PURP. |
| D3604L-6 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES/LOW POWER | GEN. PURP. |
| D3604-4 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| D3605 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 70NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| D3605A | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| D3605A-1 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 50NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| D3605-2 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| D3608 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 80NS/10 ADDRESS 4CS LINES | GEN. PURP. |
| D3608-4 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS 4CS LINES | GEN. PURP. |
| D3621 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| D3621-1 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| D3622 | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/9 ADDRESS 1CS LINES | GEN. PURP. |
| D3622A | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/9 ADDRESS 1CS LINES/MODIFIED PROGRAMMG | GEN. PURP. |
| D3622A-2 | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/9 ADDRESS 1CS LINES/MODIFIED PROGRAMMG | GEN. PURP. |
| D3622-4 | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 90NS/9 ADDRESS 1CS LINES | GEN. PURP. |
| D3624 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/9 ADDRESS 4CS LINES/MOD. PROGRAMMING | GEN. PURP. |
| D3624A | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/9 ADDRESS 4CS LINES/MOD. PROGRAMMING | GEN. PURP. |
| D3624A-2 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 4CS LINES/MOD. PROGRAMMING | GEN. PURP. |
| D3624-4 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| D3625 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 70NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| D3625A | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| D3625A-1 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 50NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| D3625-2 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| D3628 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 80NS/10 ADDRESS 4CS LINES | GEN. PURP. |
| D3628-4 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS 4CS LINES | GEN. PURP. |
| D3636 | PROM | 8-BIT | 16K=2048X8/MAX. ACCESS 80NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| D3636-1 | PROM | 8-BIT | 16K=2048X8/MAX. ACCESS 65NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| D4002-1 | RAMIO | 4-BIT | 320=4X20X4 RAM + 4-BIT OUTPUT PORT/CHIP SELECTION OPTION 1 | 4004/4040 |
| D4002-2 | RAMIO | 4-BIT | 320=4X20X4 RAM + 4-BIT OUTPUT PORT/CHIP SELECTION OPTION 2 | 4004/4040 |
| D4003 | SHFTR | 10-BIT | SHIFT REGISTER, SERIAL INPUT, PARALLEL OUPUT | 4004/4040 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|--------------|----------------|
| INL | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL/TS | MK34000P-3 | D2316E |
| INL | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 150MXMA | . TTL | TTL/TS | uPD2332C | D2332A |
| INL | DIL-28/2C | NMOS | 0C/+75C | . . +5V | | . TTL | TTL/TS | uPD2364D | D2364A |
| INL | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 800MXMW | . TTL | TTL/TS | | D2608 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | MM2708Q | D2708 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | | . TTL | TTL/TS | | D2708L |
| INL | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | MM2708Q-1 | D2708-1 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/TS | MCM2716 | D2716 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/TS | B2716-1 | D2716-1 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/TS | B2716-2 | D2716-2 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 750MXMW | . TTL | TTL/TS | B2732 | D2732 |
| INL | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | B2758 | D2758 |
| INL | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 230TPMW | . TTL | TTL | | D2910 |
| INL | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 230TPMW | . TTL | TTL | | D2911 |
| INL | DIL-16/1C | NMOS | 0C/+70C | . . -5V/+5V | 280MXMW | . TTL | | | D2912 |
| INL | DIL-40/2C | STLB | 0C/+70C | . . +5V | 240MXMA | . TTL | TTL /TS+OC | | D3001 |
| INL | DIL-28/2C | STLB | 0C/+70C | . . +5V | 190MXMA | . TTL | TTL/TS | N3002-I | D3002 |
| INL | DIL-28/2C | STLB | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL | SAB3003-D | D3003 |
| INL | DIL-16/1C | STLB | 0C/+75C | . . +5V | 105MXMA | . TTL | TTL/OC | P3101A | D3101 |
| INL | DIL-16/1C | STLB | 0C/+75C | . . +5V | 105MXMA | . TTL | TTL/OC | P3101A | D3101A |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/OC | C3104 | D3104 |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 70MXMA | . TTL | TTL | C3205 | D3205 |
| INL | DIL-16/1C | TTLB | 0C/+70C | +5V/+16V/+19V | 900MXMW | . TTL | MOS | D3207A-1 | D3207A |
| INL | DIL-16/1C | TTLB | 0C/+70C | +5V/+19V/+23V | 1.04MXW | . TTL | MOS | | D3207A-1 |
| INL | DIL-18/1C | STLB | 0C/+70C | . . +5V | 120MXMA | . MOS | TTL/OC | P3208A | D3208A |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/TS | P3212 | D3212 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL | P3214 | D3214 |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/TS | P3216 | D3216 |
| INL | DIL-22/2C | STLB | 0C/+75C | . . +5V | 120MXMA | . TTL | TTL | B3222 | D3222 |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/TS | SAB3226-D | D3226 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 150MXMA | . TTL | TTL | MC3232AL | D3232 |
| INL | DIL-28/2C | STLB | 0C/+75C | . . +5V | 165MXMA | . TTL | TTL | MC3242AL | D3242 |
| INL | DIL-16/1C | STLB | 0C/+75C | +5V/+12V | 485MXMW | . TTL | MOS | MC3245L | D3245 |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 75MXMA | . TTL | TTL | SAB3404-P | D3404 |
| INL | DIL-18/1C | STLB | 0C/+70C | . . +5V | 125MXMA | . MOS | TTL/TS | D3408A | D3408 |
| INL | DIL-18/1C | STLB | 0C/+70C | . . +5V | 125MXMA | . MOS | TTL/TS | | D3408A |
| INL | DIL-16/1C | STLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/OC | D3601-1 | D3601 |
| INL | DIL-16/1C | STLB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/OC | | D3601-1 |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 140MXMA | . TTL | TTL/OC | MK3602P | D3602 |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 140MXMA | . TTL | TTL/OC | D3602A-2 | D3602A |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 140MXMA | . TTL | TTL/OC | | D3602A-2 |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 140MXMA | . TTL | TTL/OC | D3602 | D3602-4 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 190MXMA | . TTL | TTL/OC | SAB3604-D | D3604 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 175MXMA | . TTL | TTL/OC | D3604A-2 | D3604A |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 175MXMA | . TTL | TTL/OC | | D3604A-2 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/OC | | D3604AL |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/OC | SAB3604L-6-D | D3604L-6 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 190MXMA | . TTL | TTL/OC | SAB3604-4-D | D3604-4 |
| INL | DIL-18/1C | TTLB | 0C/+75C | . . +5V | 150MXMA | . TTL | TTL/OC | D3625A | D3605 |
| INL | DIL-18/1C | TTLB | 0C/+75C | . . +5V | 150MXMA | . TTL | TTL/OC | D3625A | D3605A |
| INL | DIL-18/1C | TTLB | 0C/+75C | . . +5V | | . TTL | TTL/OC | D3625A-1 | D3605A-1 |
| INL | DIL-18/1C | TTLB | 0C/+75C | . . +5V | 150MXMA | . TTL | TTL/OC | D3625A | D3605-2 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 190MXMA | . TTL | TTL/OC | | D3608 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 190MXMA | . TTL | TTL/OC | D3608 | D3608-4 |
| INL | DIL-16/1C | STLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/TS | D3621-1 | D3621 |
| INL | DIL-16/1C | STLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/TS | | D3621-1 |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 140MXMA | . TTL | TTL/TS | D3622A | D3622 |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 140MXMA | . TTL | TTL/TS | D3622A-2 | D3622A |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 140MXMA | . TTL | TTL/TS | | D3622A-2 |
| INL | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 140MXMA | . TTL | TTL/TS | D3622 | D3622-4 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 190MXMA | . TTL | TTL/TS | SAB3624-D | D3624 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 175MXMA | . TTL | TTL/TS | D3624A-2 | D3624A |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 175MXMA | . TTL | TTL/TS | | D3624A-2 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 190MXMA | . TTL | TTL/TS | SAB3624-4-D | D3624-4 |
| INL | DIL-18/1C | TTLB | 0C/+75C | . . +5V | 150MXMA | . TTL | TTL/TS | D3625A | D3625 |
| INL | DIL-18/1C | TTLB | 0C/+75C | . . +5V | | . TTL | TTL/TS | D3625A-1 | D3625A |
| INL | DIL-18/1C | TTLB | 0C/+75C | . . +5V | | . TTL | TTL/TS | | D3625A-1 |
| INL | DIL-18/1C | TTLB | 0C/+75C | . . +5V | 150MXMA | . TTL | TTL/TS | D3625A | D3625-2 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 190MXMA | . TTL | TTL/TS | | D3628 |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 190MXMA | . TTL | TTL/TS | D3628 | D3628-4 |
| INL | DIL-24/2C | STLB | 0C/+70C | . . +5V | 185MXMA | . TTL | TTL/TS | | D3636 |
| INL | DIL-24/2C | STLB | 0C/+70C | . . +5V | 185MXMA | . TTL | TTL/TS | | D3636-1 |
| INL | DIL-16/1C | PMOS | 0C/+70C | . . -10V/+5V | 33MXMA | . TTL | TTL | SAB4002-1-P | D4002-1 |
| INL | DIL-16/1P | PMOS | 0C/+70C | . . -10V/+5V | 33MXMA | . TTL | TTL | SAB4002-2-P | D4002-2 |
| INL | DIL-16/1C | PMOS | 0C/+70C | . . -10V/+5V | 8.5MXMA | . TTL | TTL | SAB4003-P | D4003 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| D4004 | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4004 FAMILY (APP. B) | 4004 |
| D4008 | MEMCT | 4-BIT | MEMORY INTERFACE UNIT/ ADDRESS LATCHING UNIT | 4004/4040 |
| D4009 | IOCTR | 4-BIT | I-O CONTROL UNIT FOR 4004-4040 SYSTEM (APP. B) | 4004/4040 |
| D4040 | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4040 FAMILY (APP. B) | 4040 |
| D4201A | CLOCK | 2-BIT | CLOCK GENERATOR/XTAL CONTROLLED/FOR 4004-4040 FAMILY (APP. B) | 4004/4040 |
| D4265 | PIO | 8-BIT | PROGRAMMABLE I-O DEVICE FOR 4004-4040 FAMILY (APP. B) | 4004-4040 |
| D4269 | KBDSC | 8-BIT | PROGRAMMABLE KEYBOARD AND DISPLAY CONTROL UNIT | 4004/4040 |
| D4289 | MEMCT | 4-BIT | STANDARD MEMORY INTERFACE/ADDRESS AND I-O CONTROL UNIT | 4004/4040 |
| D5101L | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/15uA STANDBY | GEN. PURP. |
| D5101L-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/15uA STANDBY | GEN. PURP. |
| D5101L-3 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/200uA STANDBY | GEN. PURP. |
| D5235 | SHFTR | 4-BIT | QUAD TTL-TO-MOS DRIVER FOR 4K NMOS RAMS/MAX. RESPONSE 125NS | GEN. PURP. |
| D5235-1 | SHFTR | 4-BIT | QUAD TTL-TO-MOS DRIVER FOR 4K NMOS RAMS/MAX. RESPONSE 95NS | GEN. PURP. |
| D5244 | CLOCK | 8-BIT | QUAD CCD CLOCK DRIVER | GEN. PURP. |
| D8008 | CPU | 8-BIT | 1-CHIP CPU FOR 8008 FAM. (APP. B)/ 2uS INSTRUCTION CYCLE | 8008 |
| D8008-1 | CPU | 8-BIT | 1-CHIP CPU FOR 8008 FAM. (APP. B)/1.25uS INSTRUCTION CYCLE | 8008 |
| D8035 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS 8048 | 8048 |
| D8035L | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS 8048 | 8048 |
| D8039 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/ROMLESS 8049 | 8048 |
| D8039L | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/ROMLESS 8049L | 8048 |
| D8039L-6 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/ 6MHZ CLOCK/128X8 RAM/ROMLESS 8049L | 8048 |
| D8039-6 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/ 6MHZ CLOCK/128X8 RAM/ROMLESS 8049 | 8048 |
| D8041 | PTA | 8-BIT | UNIVERSAL PERIPHERAL INTERFACE FOR 8080-8048-8085-8086/INT. MROM | 8080 ETC |
| D8048 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1024X8 MROM/27 I-O LINES | 8048 |
| D8049 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/2KX8 MROM/27 IO/TIMER | 8048 |
| D8080A | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/MIN. INSTN. CYCLE 2uS | 8080 |
| D8080A-1 | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/MIN. INSTN. CYCLE 1.3uS | 8080 |
| D8080A-2 | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/MIN. INSTN. CYCLE 1.5uS | 8080 |
| D8085 | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.3uS | 8085 |
| D8085A | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.2uS | 8085A |
| D8085A-2 | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 0.8uS | 8085 |
| D8086 | CPU | 16-BIT | 1-CHIP CPU FOR 8086 16-BIT MICROPROCESSOR SYSTEM/5MHZ CLOCK | 8086 |
| D8086-4 | CPU | 16-BIT | 1-CHIP CPU FOR 8086 16-BIT MICROPROCESSOR SYSTEM/4MHZ CLOCK | 8086 |
| D8102A-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | 8080 |
| D8111A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/COMMON I-O | 8080 |
| D8155 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| D8155-2 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8085A/8039 |
| D8156 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE HIGH/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| D8156-2 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE HIGH/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| D8202 | MEMCT | 8-BIT | DYNAMIC RAM CONTROLLER (FOR 2104A, 2117, 2118 ETC) | GEN. PURP. |
| D8205 | DECDR | 3-BIT | 1 OUT OF 8 BINARY DECODER/MAX. DELAY 18NS | 8080 |
| D8212 | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| D8214 | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080 FAM. (APP. B) | 8080 |
| D8216 | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/8080 DATA BUS BUFFER DVR | 8080-9080 |
| D8218 | SPECL | 8-BIT | MICROCOMPUTER BUS CONTROLLER FOR 8080A CPU + 8257 DMA | 8080 |
| D8219 | SPECL | 8-BIT | MICROCOMPUTER BUS CONTROLLER FOR 8085A CPU | 8085A |
| D8224 | CLOCK | 8-BIT | 2-PHASE CLOCK GEN. DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| D8226 | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER | 8080-9080 |
| D8228 | SYSTC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| D8238 | SYSTC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| D8243 | EXPIO | 4-BIT | INPUT-OUTPUT EXPANDER/4 I-O PORTS AS EXTENSION FROM ONE I-O PORT | 8048 |
| D8251 | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080 |
| D8251A | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080 |
| D8253 | PTM | 8-BIT | PROGRAMMABLE INTERVAL TIMER/THREE 16-BIT COUNTERS/DC-2MHZ/ | 8080 |
| D8253-5 | PTM | 8-BIT | PROGRAMMABLE INTERVAL TIMER/THREE 16-BIT COUNTERS/DC-2MHZ | 8085A |
| D8255 | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAMILY (APP. B) | 8080-9080 |
| D8255A | PIA | 8-BIT | PROG. I-O PORT FOR 8080 FAM. | 8080 |
| D8255A-5 | PIA | 8-BIT | PROG. I-O PORT FOR 8080 FAM. | 8080 |
| D8257 | DMAC | 8-BIT | PROGRAMMABLE DMA CONTROLLER/MAX. ACCESS 300NS/4-CHANNEL | 8080/8085 |
| D8257-5 | DMAC | 8-BIT | PROGRAMMABLE DMA CONTROLLER/MAX. ACCESS 200NS/4-CHANNEL | 8085A |
| D8259 | PINTC | 8-BIT | PROGRAMMABLE INTERRUPT CONTROLLER FOR 8080 FAM. (APP. B) | 8080 |
| D8259A | PINTC | 8-BIT | PROGRAMMABLE INTERRUPT CONTROLLER FOR 8080A FAM. (APP. B) | 8080A |
| D8259A-8 | PINTC | 8-BIT | PROGRAMMABLE INTERRUPT CONTROLLER FOR 8085A AND 8048 | 8085A/8048 |
| D8259-5 | PINTC | 8-BIT | PROGRAMMABLE INTERRUPT CONTROLLER FOR 8085 FAM. (APP. B) | 8085 |
| D8271(2MHZ) | FLPDC | 8-BIT | PROGR. FLOPPY DISK CONTROLLER/IBM 3740 SOFT SECTORED FORMAT/2MHZ | 8080 |
| D8271(4MHZ) | FLPDC | 8-BIT | PROGR. FLOPPY DISK CONTROLLER/IBM 3740 SOFT SECTORED FORMAT/4MHZ | 8080 |
| D8273 | SDLNC | 8-BIT | SDLC PROTOCOL CONTROLLER/56K BAUD RATE | 8080 |
| D8273-8 | SDLNC | 8-BIT | SDLC PROTOCOL CONTROLLER/20K BAUD RATE | 8080 |
| D8275 | CRTC | 8-BIT | PROGRAMMABLE CRT CONTROLLER FOR 8080 FAMILY | 8080 |
| D8279 | KBDSC | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE FOR 8080 FAMILY | 8080 |
| D8279A5 | KBDSC | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE FOR 8085 FAMILY | 8085 |
| D8282 | LATCH | 8-BIT | OCTAL LATCH DATA-REGISTER-BUFFER/NON-INVERTING | 8080 |
| D8283 | LATCH | 8-BIT | OCTAL LATCH DATA-REGISTER-BUFFER/INVERTING | 8080 |
| D8284 | CLOCK | 8-BIT | CLOCK GENERATOR AND DRIVER FOR 8086 CPU | 8086 |
| D8286 | TRCVR | 8-BIT | DATA BUS BUFFER DRIVER FOR 8080, 8085, 8048/NON-INV. | 8080 ETC |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|--------------|----------------------|
| INL | DIL-16/1M | PMOS | 0C/+70C | -10V/+5V | 600MXMW | TTL | TTL | SAB4004-D | D4004 |
| INL | DIL-24/2P | PMOS | 0C/+70C | -10V/+5V | 750MXMW | TTL | TTL | SAB4008-P | D4008 |
| INL | DIL-24/2C | PMOS | 0C/+70C | -10V/+5V | 30MXMA | TTL | TTL | SAB-4009-P | D4009 |
| INL | DIL-24/2C | PMOS | 0C/+70C | -10V/+5V | 60MXMA | TTL | TTL | SAB4040D | D4040 |
| INL | DIL-16/1C | CMOS | 0C/+70C | -5V/+15V | 300MXMW | | MOS+TTL | SA4201A-D | D4201A |
| INL | DIL-28/2C | PMOS | 0C/+70C | | 50MXMA | TTL | TTL | SAB4265-D | D4265 |
| INL | DIL-40/2M | | 0C/+70C | -10V/+5V | 65MXMA | | | SAB4269-D | D4269 |
| INL | DIL-40/2C | PMOS | 0C/+70C | -10V/+5V | 400MXMW | TTL | TTL | SAB4289-C | D4289 |
| INL | DIL-22/4C | CMOS | 0C/+70C | +5V | 135MXMW | TTL | TTL/TS | S5101L/2-1C | D5101L |
| INL | DIL-22/4C | CMOS | 0C/+70C | +5V | 135MXMW | TTL | TTL/TS | B5101L-1 | D5101L-1 |
| INL | DIL-22/4C | CMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL/TS | D5101L-3 | D5101L-3 |
| INL | DIL-16/1C | CMOS | 0C/+70C | +12V | 20MXMA | TTL | MOS | D5235-1 | D5235 |
| INL | DIL-16/1C | CMOS | 0C/+70C | +12V | 20MXMA | TTL | MOS | | D5235-1 |
| INL | DIL-16/1C | CMOS | 0C/+70C | +12V | 105MXMA | TTL | MOS | | D5244 |
| INL | DIL-18/1C | PMOS | 0C/+70C | -9V/+5V | 60MXMA | TTL | TTL | SAB8008-C | D8008 |
| INL | DIL-18/1C | PMOS | 0C/+70C | -9V/+5V | 60MXMA | TTL | TTL | | D8008-1 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | uP8035D | D8035 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | P8035L | D8035L |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL | uP8039D | D8039 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | | D8039L |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | | D8039L-6 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL | | D8039-6 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 125MXMA | TTL | TTL | AM8041DC | D8041 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | SAB8048-C | D8048 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL | uP8049C | D8049 |
| INL | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 1.25MXW | TTL | TTL/TS | AM8080A | D8080A |
| INL | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 1.25MXW | TTL | TTL/TS | uP8080A-1 | D8080A-1 |
| INL | DIL-40/2C | NMOS | 0C/+90C | -5V/+5V/+12V | 1.25MXW | TTL | TTL/TS | INS8080AD-2 | D8080A-2 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL | SAB8085-C | D8085 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL | uP8085AD | D8085A |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL | P8085A-2 | D8085A-2 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 275MXMA | TTL | TTL | | D8086 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 275MXMA | TTL | TTL | | D8086-4 |
| INL | DIL-16/1C | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | SAB8102A-4-D | D8102A-4 |
| INL | DIL-18/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | SAB8111A-4-D | D8111A-4 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | SAB8155C | D8155 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | C8155-2 | D8155-2 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | uP8156C | D8156 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | | D8156-2 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 250MXMA | TTL | TTL | | D8202 |
| INL | DIL-16/1C | STLB | 0C/+75C | +5V | 70MXMA | TTL | TTL | SAB8205-D | D8205 |
| INL | DIL-24/2C | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | AM8212DM | D8212 |
| INL | DIL-24/2C | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | SAB8214-D | D8214 |
| ADM | DIL-16/1C | STLB | 0C/+70C | +5V | 375MXMW | TTL | TTL/TS | SAB8216-P | D8216 |
| INL | DIL-28/2C | BIP | 0C/+70C | +5V | 240MXMA | TTL | TTL | | D8218 |
| INL | DIL-28/2D | BIP | 0C/+70C | +5V | 240MXMA | TTL | TTL | | D8219 |
| INL | DIL-16/1C | STLB | 0C/+70C | +5V/+12V | 115MXMA | | TTL | DP8224D | D8224 |
| INL | DIL-16/1C | STLB | 0C/+70C | +5V | | TTL | TTL/TS | DP8226 | D8226 |
| INL | DIL-28/2C | TTLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | uP88228D | D8228 |
| INL | DIL-28/2C | TTLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | DP8238J | D8238 |
| INL | DIL-24/2C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL | SAB8243-P | D8243 |
| INL | DIL-28/2C | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL | SAB8251-D | D8251 |
| INL | DIL-28/2C | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL | INS8251D | D8251A |
| INL | DIL-24/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | uP8253C | D8253 |
| INL | DIL-24/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | uP8253C-5 | D8253-5 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | SAB8255-D | D8255 |
| NAT | DIL-40/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | INS8255 | D8255A |
| NAT | DIL-40/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | P8255A-5 | D8225A-5 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | SAB8257-D | D8257 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | P8257-5 | D8257-5 |
| INL | DIL-28/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | uP8259 | D8259 |
| INL | DIL-28/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | P8259A | D8259A |
| INL | DIL-28/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | P8259A-8 | D8259A-8 |
| INL | DIL-28/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | P8259-5 | D8259-5 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | SAB8271-D | D8271 (2MHZ) |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | SAB8271-D | D8271 (4MHZ) |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | SAB8273-D | D8273 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | D8273 | D8273-8 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | SAB8275-D | D8275 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | SAB8279-D | D8279 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | P8279-5 | D8279A5 |
| INL | DIL-20/1C | BIP | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | P8282 | D8282 |
| INL | DIL-20/1C | BIP | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | P8283 | D8283 |
| INL | DIL-18/1C | BIP | 0C/+70C | +5V | 140MXMA | TTL | TTL | P8284 | D8284 |
| INL | DIL-20/1C | BIP | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | P8286 | D8286 |

| DEVICE TYPE NO | FUNCI ON app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|------------------|----------------|------------------|--|--------------------|
| D8287 | TRCVR | 8-BIT | DATA BUS BUFFER DRIVER FOR 8080, 8085, 8048/INVERTING | 8080 ETC |
| D8288 | IFACE | 8-BIT | BUS CONTROLLER FOR 8086 CPU | 8080 |
| D8291 | SPECL | 8-BIT | GP1B TALKER-LISTENER/INTERFACE TO IEEE 488 DIGITAL INTERFACE BUS | 8080, ETC |
| D8292 | SPECL | 8-BIT | GP1B CONTROLLER/WITH 8291 IMPLEMENTS FULL IEEE 488 CONTRL FUNCTN | 8080, ETC |
| D8294 | SPECL | 8-BIT | DATA ENCRYPTION UNIT FOR 8080,8048,8085,8086 FAMS | 8080, ETC |
| D8295 | PRTRC | 8-BIT | DOT MATRIX PRINTER CONTROLLER FOR 8080, 8048, 8085 FAMS. | 8080, ETC |
| D8308 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| D8316A | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| DAC11600-CERAMIC | DACVR | 10-BIT | DUAL D/A CONVERTER IN 1600 FAMILY (APP. B) | 1600 |
| DAC1600-PLASTIC | DACVR | 10-BIT | DUAL D/A CONVERTER IN 1600 FAMILY (APP. B) | 1600 |
| DM54L187AJ | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 130NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM54L187AN | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 130NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM54L187AW | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 130NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM54S187J | MROM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| DM54S189J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 40NS/4 ADDRESS, 1CE LINES | GEN. PURP. |
| DM54S200J | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 70NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| DM54S200W | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 70NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| DM54S206J | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 80NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| DM54S206W | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 80NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| DM54S270J | MROM | 4-BIT | 2K=512X4/TYP. ACCESS 35NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| DM54S271N | MROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| DM54S287D | PROM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| DM54S289J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| DM54S370J | MROM | 4-BIT | 2K=512X4/TYP. ACCESS 35NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| DM54S371N | MROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| DM54S387D | PROM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| DM54S470D | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| DM54S471D | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| DM54S570D | PROM | 4-BIT | 2K=512X4/TYP. ACCESS 35NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| DM54S571D | PROM | 4-BIT | 2K=512X4/TYP. ACCESS 35NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| DM72S04J | MROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 2CE 1STROBE LINES | GEN. PURP. |
| DM72S114D | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| DM74L89AJ | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 50NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| DM74L89AN | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 50NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| DM74L89AW | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 50NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| DM74L899AJ | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 50NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| DM74L899AN | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 50NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| DM74L899AW | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 50NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| DM74L187AJ | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 130NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM74L187AN | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 130NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM74L187AW | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 130NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM74S187J | MROM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| DM74S187N | MROM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| DM74S189J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS, 1CE LINES | GEN. PURP. |
| DM74S189N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS, 1CE LINES | GEN. PURP. |
| DM74S200J | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y, 3CS ADDRESS LINES | GEN. PURP. |
| DM74S200N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y, 3CS ADDRESS LINES | GEN. PURP. |
| DM74S200W | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| DM74S206J | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| DM74S206N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| DM74S206W | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| DM74S270J | MROM | 4-BIT | 2K=512X4/TYP. ACCESS 35NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| DM74S270N | MROM | 4-BIT | 2K=512X4/TYP. ACCESS 35NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| DM74S271N | MROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| DM74S287N | PROM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| DM74S289J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| AM74S289N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS, 1CE LINES | GEN. PURP. |
| DM74S289N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| DM74S370J | MROM | 4-BIT | 2K=512X4/TYP. ACCESS 35NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| DM74S370N | MROM | 4-BIT | 2K=512X4/TYP. ACCESS 35NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| DM74S371N | MROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| DM74S387N | PROM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| DM74S470D | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| DM74S470N | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| DM74S471N | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| DM74S570D | PROM | 4-BIT | 2K=512X4/TYP. ACCESS 35NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| DM74S570N | PROM | 4-BIT | 2K=512X4/TYP. ACCESS 35NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| DM74S571D | PROM | 4-BIT | 2K=512X4/TYP. ACCESS 35NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| DM74S571N | PROM | 4-BIT | 2K=512X4/TYP. ACCESS 35NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| DM75S28J | MROM | 8-BIT | 8K=1024X8/TYP. ACCESS 50NS/10 ADDRESS 4CS LINES | GEN. PURP. |
| DM75S29J | MROM | 8-BIT | 8K=1024X8/TYP. ACCESS 50NS/10 ADDRESS 4CS LINES | GEN. PURP. |
| DM75S97J | MROM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/7 ADDRESS 2CE LINES | GEN. PURP. |
| DM75S202D | MROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 1CE 1 STROBE LINES | GEN. PURP. |
| DM75S222D | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| DM76L97J | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 130NS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| DM76L97N | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 130NS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| DM76L97W | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 130NS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|-------------|----------------------|
| INL | DIL-20/1C | BIP | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | P8287 | D8287 |
| INL | DIL-20/1C | BIP | 0C/+70C | +5V | 230MXMA | TTL | TTL/TS | P8288 | D8288 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | P8291 | D8291 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | P8292 | D8292 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | P8294 | D8294 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | P8295 | D8295 |
| INL | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 840MXMW | TTL | TTL/TS | D8308A | D8308 |
| INL | DIL-24/2C | NMOS | 0C/+70C | +5V | 98MXMA | TTL | TTL/TS | SAB8316A-D | D8316A |
| GEI | DIL-40/2C | NMOS | 0C/+75C | +5V/+12V | 25MXMA | TTL | TTL/TS | | DAC1600-CERAMIC |
| GEI | DIL-40/2P | NMOS | 0C/+75C | +5V/+12V | 25MXMA | TTL | TTL/TS | | DAC1600-PLASTIC |
| NAT | DIL-16/1C | LPTL | -55C/+125C | +5V | 25MXMA | TTL | TTL/OC | | DM54L187AJ |
| NAT | DIL-16/1P | LPTL | -55C/+125C | +5V | 25MXMA | TTL | TTL/OC | | DM54L187AN |
| NAT | FLP-16/3G | | -55C/+125C | +5V | 25MXMA | TTL | TTL/OC | | DM54L187AW |
| NAT | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | | DM54S187J |
| NAT | DIL-16/1C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | AM54S189J | DM54S189J |
| NAT | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | SN54S200J | DM54S200J |
| NAT | FLP-16/3G | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | S54S200W | DM54S200W |
| NAT | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | | DM54S206J |
| NAT | FLP-16/3G | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | | DM54S206W |
| NAT | DIL-16/1C | STLB | -55C/+125C | +5V | 150MXMA | TTL | TTL/OC | SN54S270J | DM54S270J |
| NAT | DIL-20/1P | STLB | -55C/+125C | +5V | 150MXMA | TTL | TTL/OC | SN54S271J | DM54S271N |
| NAT | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | SN54S287J | DM54S287N |
| NAT | DIL-16/1C | STLB | -55C/+125C | +5V | 105MXMA | TTL | TTL/OC | SN54S289J | DM54S289J |
| NAT | DIL-16/1C | STLB | -55C/+125C | +5V | 150MXMA | TTL | TTL/TS | SN54S370J | DM54S370N |
| NAT | DIL-20/1P | STLB | -55C/+125C | +5V | 150MXMA | TTL | TTL/TS | SN54S371J | DM54S371N |
| NAT | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | SN54S387J | DM54S387N |
| NAT | DIL-20/1C | STLB | -55C/+125C | +5V | 150MXMA | TTL | TTL/OC | SN54S470J | DM54S470N |
| NAT | DIL-20/1C | STLB | -55C/+125C | +5V | 150MXMA | TTL | TTL/TS | SN54S471J | DM54S471N |
| NAT | DIL-16/1C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/OC | | DM54S570D |
| NAT | DIL-16/1C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | | DM54S571D |
| NAT | DIL-24/2C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | | DM72S04J |
| NAT | DIL-24/2C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | | DM72S114D |
| NAT | DIL-16/1C | LTLB | 0C/+70C | +5V | 19MXMA | TTL | TTL/OC | N74S89F | DM74L89AJ |
| NAT | DIL-16/1P | LTLB | 0C/+70C | +5V | 19MXMA | TTL | TTL/OC | SN7489N | DM74L89AN |
| NAT | FLP-16/3G | LTLB | 0C/+70C | +5V | 19MXMA | TTL | TTL/OC | | DM74L89AW |
| NAT | DIL-16/1C | LTLB | 0C/+70C | +5V | 25MXMA | TTL | TTL/OC | DM74L187AN | DM74L187AJ |
| NAT | DIL-16/1P | LTLB | 0C/+70C | +5V | 25MXMA | TTL | TTL/OC | DM74L187AJ | DM74L187AN |
| NAT | FLP-16/3G | LTLB | 0C/+70C | +5V | 25MXMA | TTL | TTL/OC | | DM74L187AW |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | DMS74187J | DM74S187J |
| NAT | DIL-16/1P | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | DM74S187J | DM74S187N |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/TS | SN74S189J | DM74S189J |
| NAT | DIL-16/1P | STLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/TS | SN74S189N | DM74S189N |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | SN74LS200AJ | DM74S200J |
| NAT | DIL-16/1P | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | N74S200N | DM74S200N |
| NAT | FLP-16/3G | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | | DM74S200W |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | DM74S206N | DM74S206J |
| NAT | DIL-16/1P | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | DM74S206J | DM74S206N |
| NAT | FLP-16/3G | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | | DM74S206W |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V | 150MXMA | TTL | TTL/OC | SN74S270J | DM74S270J |
| NAT | DIL-16/1P | STLB | 0C/+70C | +5V | 150MXMA | TTL | TTL/OC | SN74S270N | DM74S270N |
| NAT | DIL-20/1P | STLB | 0C/+70C | +5V | 150MXMA | TTL | TTL/OC | SN74S271N | DM74S271N |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | SN74S287N | DM74S287N |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V | 105MXMA | TTL | TTL/OC | SN74S289J | DM74S289J |
| ADM | DIL-16/1P | STLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/OC | SN74289N | AM74S289N |
| NAT | DIL-16/1P | STLB | -55C/+125C | +5V | 105MXMA | TTL | TTL/OC | SN74S289N | DM74S289N |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V | 150MXMA | TTL | TTL/TS | SN74S370J | DM74S370J |
| NAT | DIL-16/1P | STLB | 0C/+70C | +5V | 150MXMA | TTL | TTL/TS | SN74S370N | DM74S370N |
| NAT | DIL-20/1P | STLB | 0C/+70C | +5V | 150MXMA | TTL | TTL/TS | SN74S371N | DM74S371N |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | SN74S387N | DM74S387N |
| NAT | DIL-20/1C | STLB | 0C/+70C | +5V | 150MXMA | TTL | TTL/OC | SN74S470J | DM74S470N |
| NAT | DIL-20/1P | STLB | 0C/+70C | +5V | 150MXMA | TTL | TTL/OC | SN74S470N | DM74S470N |
| NAT | DIL-20/1C | STLB | 0C/+70C | +5V | 150MXMA | TTL | TTL/TS | SN74S471J | DM74S471D |
| NAT | DIL-20/1P | STLB | 0C/+70C | +5V | 150MXMA | TTL | TTL/TS | SN74S471N | DM74S471N |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V | 170MXMA | TTL | TTL/OC | SN74S570N | DM74S570D |
| NAT | DIL-16/1P | STLB | 0C/+70C | +5V | 170MXMA | TTL | TTL/OC | DM74S570D | DM74S570N |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V | 170MXMA | TTL | TTL/TS | DM74S571N | DM74S571D |
| NAT | DIL-16/1P | STLB | 0C/+70C | +5V | 170MXMA | TTL | TTL/TS | DM74S571D | DM74S571N |
| NAT | DIL-24/2C | STLB | -55C/+125C | +5V | 190MXMA | TTL | TTL/TS | | DM75S28J |
| NAT | DIL-24/2C | STLB | -55C/+125C | +5V | 190MXMA | TTL | TTL/OC | | DM75S29J |
| NAT | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | DM74S187J | DM75S97J |
| NAT | DIL-20/1C | STLB | -55C/+125C | +5V | 165MXMA | TTL | TTL/TS | | DM75S202D |
| NAT | DIL-20/1C | STLB | -55C/+125C | +5V | 165MXMA | TTL | TTL/TS | | DM75S222D |
| NAT | DIL-16/1C | LTLB | -55C/+125C | +5V | 20MXMA | TTL | TTL/TS | DM76L97N | DM76L97J |
| NAT | DIL-16/1P | LTLB | -55C/+125C | +5V | 20MXMA | TTL | TTL/TS | DM76L97J | DM76L97N |
| NAT | FLP-16/3G | LTLB | -55C/+125C | +5V | 20MXMA | TTL | TTL/TS | | DM76L97W |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| DM82504J | MROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 20E 1STROBE LINES | GEN. PURP. |
| DM82504N | MROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 20E 1STROBE LINES | GEN. PURP. |
| DM825114D | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 20E LINES | GEN. PURP. |
| DM825114N | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 20E LINES | GEN. PURP. |
| DM85528J | MROM | 8-BIT | 8K=1024X8/TYP. ACCESS 50NS/10 ADDRESS 40S LINES | GEN. PURP. |
| DM85528N | MROM | 8-BIT | 8K=1024X8/TYP. ACCESS 50NS/10 ADDRESS 40S LINES | GEN. PURP. |
| DM85529J | MROM | 8-BIT | 8K=1024X8/TYP. ACCESS 50NS/10 ADDRESS 40S LINES | GEN. PURP. |
| DM85597J | MROM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/8 ADDRESS 20E LINES | GEN. PURP. |
| DM85597N | MROM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/7 ADDRESS 20E LINES | GEN. PURP. |
| DM85520D | MROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 1CE 1 STROBE LINES | GEN. PURP. |
| DM855202N | MROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 1CE 1 STROBE LINES | GEN. PURP. |
| DM855222D | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| DM855222N | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 35NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| DM86L97J | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 130NS/5X 3Y ADDRESS 20E LINES | GEN. PURP. |
| DM86L97N | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 130NS/5X 3Y ADDRESS 20E LINES | GEN. PURP. |
| DM86L97W | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 130NS/5X 3Y ADDRESS 20E LINES | GEN. PURP. |
| DM86L99J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 150NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| DM86L99N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 150NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| DM86L99W | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 150NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| DM86521J | SRAM | 2-BIT | 64=32X2/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM86521N | SRAM | 2-BIT | 64=32X2/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM5488J | MROM | 8-BIT | 256=32X8/MAX. ACCESS 35NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM5489J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 80NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| DM7488J | MROM | 8-BIT | 256=32X8/MAX. ACCESS 35NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM7488N | MROM | 8-BIT | 256=32X8/MAX. ACCESS 35NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM7489J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| DM7489N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| DM7573D | PROM | 4-BIT | 1K=256X4/TYP. ACCESS 60NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM7574D | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 85NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM7575J | MPLA | . | PROGRAMMABLE LOGIC ARRAY/14 I-P/8 O-P | GEN. PURP. |
| DM7576J | MPLA | . | PROGRAMMABLE LOGIC ARRAY/14 I-P/8 O-P | GEN. PURP. |
| DM7577D | PROM | 8-BIT | 256=32X8/MAX. ACCESS 35NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM7578D | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM7595J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 150NS/6X 3Y ADDRESS 4CE LINES | GEN. PURP. |
| DM7596J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 150NS/6X 3Y ADDRESS 4CE LINES | GEN. PURP. |
| DM7597J | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM7598J | MROM | 8-BIT | 256=32X8/MAX. ACCESS 65NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM7599J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 70NS/4 ADDRESS LINES | GEN. PURP. |
| DM7599W | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 70NS/4 ADDRESS LINES | GEN. PURP. |
| DM7795J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 150NS/6X 3Y ADDRESS 4CE LINES | GEN. PURP. |
| DM7796J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 150NS/6X 3Y ADDRESS 4CE LINES | GEN. PURP. |
| DM8531J | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 2CE LINES | GEN. PURP. |
| DM8531N | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 2CE LINES | GEN. PURP. |
| DM8573D | PROM | 4-BIT | 1K=256X4/TYP. ACCESS 60NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM8573N | PROM | 4-BIT | 1K=256X4/TYP. ACCESS 60NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM8574D | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 85NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM8574N | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 85NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM8575J | MPLA | . | PROGRAMMABLE LOGIC ARRAY/14 I-P/8 O-P | GEN. PURP. |
| DM8575N | MPLA | . | PROGRAMMABLE LOGIC ARRAY/14 I-P/8 O-P | GEN. PURP. |
| DM8576J | MPLA | . | PROGRAMMABLE LOGIC ARRAY/14 I-P/8 O-P | GEN. PURP. |
| DM8576N | MPLA | . | PROGRAMMABLE LOGIC ARRAY/14 I-O/8 O-P | GEN. PURP. |
| DM8577D | PROM | 8-BIT | 256=32X8/MAX. ACCESS 35NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM8577N | PROM | 8-BIT | 256=32X8/MAX. ACCESS 35NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM8578D | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM8578N | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM8581D | MROM | 16-BIT | 16K=1024X16/TYP. ACCESS 300NS/7X 3Y ADDRESS 3CE LINES | GEN. PURP. |
| DM8581N | MROM | 16-BIT | 16K=1024X16/TYP. ACCESS 300NS/7X 3Y ADDRESS 3CE LINES | GEN. PURP. |
| DM8595J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 120NS/6X 3Y ADDRESS 4CE LINES | GEN. PURP. |
| DM8595N | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 120NS/6X 3Y ADDRESS 4CE LINES | GEN. PURP. |
| DM8596J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 120NS/6X 3Y ADDRESS 4CE LINES | GEN. PURP. |
| DM8597J | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM8597N | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM8598J | MROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM8598N | MROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| DM8599J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS LINES | GEN. PURP. |
| DM8599N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS LINES | GEN. PURP. |
| DM8795J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 120NS/6X 3Y ADDRESS 4CE LINES | GEN. PURP. |
| DM8795N | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 120NS/6X 3Y ADDRESS 4CE LINES | GEN. PURP. |
| DM8796J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 120NS/6X 3Y ADDRESS 4CE LINES | GEN. PURP. |
| DM8796N | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 120NS/6X 3Y ADDRESS 4CE LINES | GEN. PURP. |
| DM54187J | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM74187J | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DM74187N | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| DP4201J | CLOCK | 2-BIT | CLOCK GENERATOR/XTAL CONTROLLED/FOR 4004-4040 FAMILY (APP B) | 4004/4040 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| NAT | DIL-24/2C | STLB | 0C/+75C | +5V | 170MXMA | TTL | TTL/TS | DM82S04N | DM28S04J |
| NAT | DIL-24/2N | STLB | 0C/+75C | +5V | 170MXMA | TTL | TTL/TS | DM82S04J | DM82S04N |
| NAT | DIL-24/2C | STLB | 0C/+75C | +5V | 110MXMA | TTL | TTL/TS | DM82S114N | DM82S114D |
| NAT | DIL-24/2C | STLB | 0C/+75C | +5V | 110MXMA | TTL | TTL/TS | DM85114D | DM82S114N |
| NAT | DIL-24/2C | STLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | DM85S28N | DM85S28J |
| NAT | DIL-24/2P | STLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | DM85S28D | DM85S28N |
| NAT | DIL-24/2C | STLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/OC | DM85S29N | DM85S29J |
| NAT | DIL-24/2P | STLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/OC | DM85S29J | DM85S29N |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | DM74S187J | DM85S97J |
| NAT | DIL-16/1P | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | SN74S187N | DM85S97N |
| NAT | DIL-20/1C | STLB | 0C/+70C | +5V | 165MXMA | TTL | TTL/TS | DM85S202N | DM85S202D |
| NAT | DIL-20/1P | STLB | 0C/+70C | +5V | 165MXMA | TTL | TTL/TS | DM85S202D | DM85S202N |
| NAT | DIL-20/1C | STLB | 0C/+70C | +5V | 165MXMA | TTL | TTL/TS | DM85S222N | DM85S222D |
| NAT | DIL-20/1P | STLB | 0C/+70C | +5V | 165MXMA | TTL | TTL/TS | DM85S222D | DM85S222N |
| NAT | DIL16/1CL | TLB | 0C/+70C | +5V | 20MXMA | TTL | TTL/TS | DM86L97N | DM86L97J |
| NAT | DIL-16/1P | LTLB | 0C/+70C | +5V | 20MXMA | TTL | TTL/TS | DM86L97J | DM86L97N |
| NAT | FLP-16/3G | LTLB | 0C/+70C | +5V | 20MXMA | TTL | TTL/TS | DM86L99N | DM86L99J |
| NAT | DIL-16/1C | LTLB | 0C/+70C | +5V | 19MXMA | TTL | TTL/TS | DM86L99N | DM86L99J |
| NAT | DIL-16/1P | LTLB | 0C/+70C | +5V | 19MXMA | TTL | TTL/TS | DM86L99N | DM86L99J |
| NAT | FLP-16/3G | LTLB | 0C/+70C | +5V | 19MXMA | TTL | TTL/TS | DM86L99N | DM86L99J |
| NAT | DIL-16/1C | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | DM86S21N | DM86S21J |
| NAT | DIL-16/1P | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | DM86S21J | DM86S21N |
| NAT | DIL-16/1C | TTLB | -55C/+125C | +5V | 80MXMA | TTL | TTL/OC | DM7598J | DM5488J |
| NAT | DIL-16/1C | TTLB | -55C/+125C | +5V | 120MXMA | TTL | TTL/OC | SN5489J | DM5489J |
| NAT | DIL-16/1C | TTLB | 0C/+70C | +5V | 80MXMA | TTL | TTL/OC | SN7488AJ | DM7488J |
| NAT | DIL-16/1P | TTLB | 0C/+70C | +5V | 80MXMA | TTL | TTL/OC | SN7488AN | DM7488N |
| NAT | DIL-16/1C | TTLB | 0C/+85C | +5V | 120MXMA | TTL | TTL/OC | AM7489J | DM7489J |
| NAT | DIL-16/1P | TTLB | 0C/+70C | +5V | 120MXMA | TTL | TTL/OC | SN7489J | DM7489N |
| NAT | DIL-16/1C | TTLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/OC | DM7573D | DM7573J |
| NAT | DIL-16/1C | TTLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | DM7574D | DM7574J |
| NAT | DIL-24/2C | TTLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/OC | DM7575J | DM7575J |
| NAT | DIL-24/2C | TTLB | -55C/+125C | +5V | 170MXMA | TTL | TTL | DM7576J | DM7576J |
| NAT | DIL-16/1C | TTLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/OC | DM7577D | DM7577J |
| NAT | DIL-16/1C | TTLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | DM7578D | DM7578J |
| NAT | DIL-24/2C | TTLB | -55C/+125C | +5V | 158MXMA | TTL | TTL/OC | DM7595J | DM7595J |
| NAT | DIL-24/2C | TTLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | MMI5241-1 | DM7596J |
| NAT | DIL-16/1C | TTLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | DM74187J | DM7597J |
| NAT | DIL-16/1C | TTLB | -55C/+125C | +5V | 99MXMA | TTL | TTL/TS | DM5488J | DM7598J |
| NAT | DIL-16/1C | TTLB | -55C/+125C | +5V | 120MXMA | TTL | TTL/TS | AM7599J | DM7599J |
| ADM | FLP-16/4C | TTLB | -55C/+125C | +5V | 120MXMA | TTL | TTL/TS | AM7599W | DM7599W |
| NAT | DIL-24/2C | TTLB | -55C/+125C | +5V | 158MXMA | TTL | TTL/OC | DM7795J | DM7795J |
| NAT | DIL-24/2C | TTLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | DM7796J | DM7796J |
| NAT | DIL-24/2C | TTLB | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | DM8531N | DM8531J |
| NAT | DIL-24/2P | TTLB | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | DM8531J | DM8531N |
| NAT | DIL-16/1C | TTLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/OC | DM8573N | DM8573D |
| NAT | DIL-16/1P | TTLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/OC | DM8573D | DM8573N |
| NAT | DIL-16/1C | TTLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/TS | DM8574N | DM8574D |
| NAT | DIL-16/1P | TTLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/TS | DM8574J | DM8574N |
| NAT | DIL-24/2C | TTLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/OC | DM8575N | DM8575J |
| NAT | DIL-24/2P | TTLB | 0C/+70C | +5V | 170MXMA | TTL | TTL/OC | DM8575J | DM8575N |
| NAT | DIL-24/2C | TTLB | 0C/+70C | +5V | 170MXMA | TTL | TTL | DM8576N | DM8576J |
| NAT | DIL-24/2P | TTLB | 0C/+70C | +5V | 170MXMA | TTL | TTL | DM8576J | DM8576N |
| NAT | DIL-16/1C | TTLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/OC | DM8577N | DM8577D |
| NAT | DIL-16/1P | TTLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/OC | DM8577D | DM8577N |
| NAT | DIL-16/1C | TTLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/TS | DM8578N | DM8578D |
| NAT | DIL-16/1P | TTLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/TS | DM8578D | DM8578N |
| NAT | DIL-40/2C | TTLB | 0C/+70C | +5V | 115TPMA | TTL | TTL/TS | DM8581D | DM8581D |
| NAT | DIL-40/2P | TTLB | 0C/+70C | +5V | 115TPMA | TTL | TTL/TS | DM8581D | DM8581N |
| NAT | DIL-24/2C | TTLB | 0C/+70C | +5V | 158MXMA | TTL | TTL/OC | DM8595N | DM8595J |
| NAT | DIL-24/2P | TTLB | 0C/+70C | +5V | 158MXMA | TTL | TTL/OC | DM8595J | DM8595N |
| NAT | DIL-24/2C | TTLB | 0C/+70C | +5V | 170MXMA | TTL | TTL/TS | DM8596J | DM8596J |
| NAT | DIL-16/1C | TTLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/TS | SN74187J | DM8597J |
| NAT | DIL-16/1P | TTLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/TS | SN74187N | DM8597N |
| NAT | DIL-16/1C | TTLB | 0C/+70C | +5V | 99MXMA | TTL | TTL/TS | DM7488J | DM8598J |
| NAT | DIL-16/1P | TTLB | 0C/+70C | +5V | 99MXMA | TTL | TTL/TS | SN7488N | DM8598N |
| NAT | DIL-16/1C | TTLB | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | AM8599J | DM8599J |
| NAT | DIL-16/1P | TTLB | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | AM8599N | DM8599N |
| NAT | DIL-24/2C | TTLB | 0C/+70C | +5V | 158MXMA | TTL | TTL/OC | DM8795N | DM8795J |
| NAT | DIL-24/2P | TTLB | 0C/+70C | +5V | 158MXMA | TTL | TTL/OC | DM8795J | DM8795N |
| NAT | DIL-24/2C | TTLB | 0C/+70C | +5V | 170MXMA | TTL | TTL/TS | MMI5241-1 | DM8796J |
| NAT | DIL-24/2P | TTLB | 0C/+70C | +5V | 170MXMA | TTL | TTL/TS | MMI5241-1 | DM8796N |
| NAT | DIL-16/1C | TTLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/OC | SN54187J | DM54187J |
| NAT | DIL-16/1C | TTLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/OC | SN74187J | DM74187J |
| NAT | DIL-76/1P | TTLB | 0C/+70C | +5V | 110MXMA | TTL | TTL/OC | SN74187J | DM74187N |
| NAT | DIL-16/1C | CMOS | 0C/+70C | -5V/+15V | 300MXMW | MOS+TTL | MOS+TTL | SAB4201A-P | DP4201J |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|--|---|---|--|--|
| DP4201N DP8212N DP8224D DP8224N DP8226N | CLOCK IP/OP CLOCK CLOCK DRVR | 2-BIT . . . 4-BIT | CLOCK GENERATOR/XTAL CONTROLLED/FOR 4004-4040 FAMILY (APP. B) I-O PORT OF 8080-9080 FAMILIES (APP. B) 2-PHASE CLOCK GEN. DRIVER FOR 8080-9080 FAMILIES (APP. B) 2-PHASE CLOCK GEN. DRIVER FOR 8080-9080 FAM BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER | 4004/4040 8080-9080 8080-9080 8080 8080 |
| DP8228J DP8238J DP8300D DP8300N DP8301D | SYSCT SYSCT TRCVR TRCVR IFACE | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) BIDIRECTIONAL TRANSCEIVER/MOS LEVEL TO TTL/=PACE BTE-8(CER) BIDIRECTIONAL TRANSCEIVER/MOS LEVEL TO TTL/=PACE BTE-8(PLAS) MICROPROCESSOR INTERFACE LATCH ELEMENT/= PACE MILE | 8080-9080 8080-9080 PACE PACE PACE |
| DS1603J DS1603W EA2101 EA2101M EA2308ADC | RCVR RCVR SRAM SRAM MROM | 2-BIT 2-BIT 4-BIT 4-BIT 8-BIT | DUAL 3-STATE LINE RECEIVER DUAL 3-STATE LINE RECEIVER 1K=256X4/MAX. ACCESS 300NS/5X 3Y 2CE ADDRESS LINES 1K=256X4/MAX. ACCESS 400NS/5X 3Y 2CE ADDRESS LINES 8K=1024X8/MAX. ACCESS 400NS/6X 4Y 2CS ADDRESS LINES | GEN PURP GEN PURP GEN. PURP. GEN. PURP. GEN. PURP. |
| EA2308ADL EA2308APC EA2316ADC EA2316ADL EA2316APC | MROM MROM MROM MROM MROM | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | 8K=1024X8/MAX. ACCESS 550NS/6X 4Y 2CS ADDRESS LINES 8K=1024X8/MAX. ACCESS 400NS/6X 4Y 2CS ADDRESS LINES 16K=2048X8/MAX. ACCESS 600NS/7X 4Y 3CS ADDRESS LINES 16K=2048X8/MAX. ACCESS 750NS/7X 4Y 3CS ADDRESS LINES 16K=2048X8/MAX. ACCESS 600NS/7X 4Y 3CS ADDRESS LINES | GEN PURP. GEN PURP. GEN. PURP. GEN. PURP. GEN. PURP. |
| EA2316EDC EA2316EDL EA2316EPC EA2704DC EA2704DL | MROM MROM MROM EPROM EPROM | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDRESS LINES 16K=2048X8/MAX. ACCESS 550NS/7X 4Y 3CS ADDRESS LINES 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDRESS LINES 4K=512X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES 4K=512X8/MAX. ACCESS 500NS/6X 4Y 1CS ADDRESS LINES | GEN PURP. GEN PURP. GEN. PURP. GEN. PURP. GEN PURP. |
| EA2704DM EA2708DC EA2708DL EA2708DM EA3200DC | EPROM EPROM EPROM EPROM MROM | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | 4K=512X8/MAX. ACCESS 500NS/6X 4Y 1CS ADDRESS LINES 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES 8K=1024X8/MAX. ACCESS 500NS/6X 4Y 1CS ADDRESS LINES 8K=1024X8/MAX. ACCESS 550NS/6X 4Y 1CS ADDRESS LINES 32K=4096X8/MAX. ACCESS 350NS/6X 5Y 3CS ADDRESS LINES/50MW STNDBY | GEN PURP GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. |
| EA3800DC EA3800PC EA4000DI EA4000PC EA4600DC | MROM MROM MROM MROM MROM | 12-BIT 12-BIT 10-BIT 10-BIT 8-BIT | 12K=1024X12/MAX. ACCESS 3.6uS/11 ADDRESS LINES 12K=1024X12/MAX. ACCESS 3.6uS/11 ADDRESS LINES 5K=512X10/MAX. ACCESS 725NS/10 ADDRESS LINES 5K=512X10/MAX. ACCESS 725NS/10 ADDRESS LINES 16K=2048X8(OR 4096X4)/MAX. ACCESS 600NS/7X 4Y ADDRESS LINES | GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. 6800/GP |
| EA4600DL EA4600PC EA4700DC EA4700DL EA4700PC | MROM MROM MROM MROM MROM | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | 16K=2048X8(OR 4096X4)/MAX. ACCESS 750NS/7X 4Y ADDRESS LINES 16K=2048X8(OR 4096X4)/MAX. ACCESS 600NS/7X 4Y ADDRESS LINES 8K=1024X8/MAX. ACCESS 400NS/6X 4Y 4CS ADDRESS LINES 8K=1024X8/MAX. ACCESS 500NS/6X 4Y 4CS ADDRESS LINES 8K=1024X8/MAX. ACCESS 400NS/6X 4Y 4CS ADDRESS LINES | 6800/GP 6800/GP GEN. PURP. GEN. PURP. GEN. PURP. |
| EA4900DC EA4900DL EA4900PC EA8308ADC EA8308ADL | MROM MROM MROM MROM MROM | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | 16K=2048X8(OR 4096X4)/MAX. ACCESS 950NS 16K=2048X8(OR 4096X4)/MAX. ACCESS 1.35uS 16K=2048X8(OR 4096X4)/MAX. ACCESS 950NS 8K=1024X8/MAX. ACCESS 400NS/6X 4Y 2CS ADDRESS LINES 8K=1024X8/MAX. ACCESS 550NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP GEN PURP GEN. PURP. GEN. PURP. GEN. PURP. |
| EA8308APC EA8316ADC EA8316ADL EA8316APC EA8316EDC | MROM MROM MROM MROM MROM | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | 8K=1024X8/MAX. ACCESS 400NS/6X 4Y 2CS ADDRESS LINES 16K=2048X8/MAX. ACCESS 600NS/7X 4Y 3CS ADDRESS LINES 16K=2048X8/MAX. ACCESS 750NS/7X 4Y 3CS ADDRESS LINES 16K=2048X8/MAX. ACCESS 600NS/7X 4Y 3CS ADDRESS LINES 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP GEN. PURP. GEN. PURP. GEN. PURP. GEN PURP |
| EA8316EDL EA8316EPC EMM4104ACC EMM4104ACP EMM4104BCP | MROM MROM SRAM SRAM SRAM | 8-BIT 8-BIT 4-BIT 4-BIT 4-BIT | 16K=2048X8/MAX. ACCESS 550NS/7X 4Y 3CS ADDRESS LINES 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDRESS LINES 4K=1024X4/MAX. ACCESS 200NS/5X 5Y 1CS ADDRESS LINES/NON-INV O-P. 4K=1024X4/MAX. ACCESS 200NS/5X 5Y 1CS ADDRESS LINES/NON-INV O-P. 4K=1024X4/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES/NON-INV O-P. | GEN PURP GEN PURP GEN. PURP. GEN. PURP. GEN. PURP. |
| EMM4104BCC EMM4200ACC EMM4200ACP EMM4200BCC EMM4200BCP | SRAM SRAM SRAM SRAM SRAM | 4-BIT 1-BIT 1-BIT 1-BIT 1-BIT | 4K=1024X4/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES/NON-INV O-P. 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN PURP GEN PURP GEN. PURP GEN. PURP GEN. PURP. |
| EMM4801ACC EMM4801BCC EMM4801UCC EMM4804ACC EMM4804BCC | SRAM SRAM SRAM SRAM SRAM | 1-BIT 1-BIT 1-BIT 4-BIT 4-BIT | 4K=4096X1/MAX. ACCESS 450NS/5X 5Y 2CS 1CE ADDRESS LINES 4K=4096X1/MAX. ACCESS 400NS/5X 5Y 2CS 1CE ADDRESS LINES 4K=4096X1/MAX. ACCESS 600NS/5X 5Y 2CS 1CE ADDRESS LINES 4K=1024X4/MAX. ACCESS 450NS/5X 5Y ADDRESS 1CE LINES 4K=1024X4/MAX. ACCESS 400NS/5X 5Y ADDRESS 1CE LINES | GEN PURP GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. |
| EMM4804UCC ER1105 (CERAMIC) ER1105 (PLASTIC) ER1400 ER1400T | SRAM EAROM EAROM EAROM EAROM | 4-BIT 4-BIT 4-BIT 14-BIT 14-BIT | 4K=1024X4/MAX. ACCESS 600NS/5X 5Y ADDRESS 1CE LINES 1K=256X4/MAX. ACCESS 2uS/4X 5Y ADDRESS 1CS LINES 1K=256X4/MAX. ACCESS 2uS/4X 5Y ADDRESS 1CS LINES 1400=100X14/SERIAL INPUT-OUTPUT/ELECTRICALLY ERAZABLE 1400=100X14/SERIAL INPUT-OUTPUT/ELECTRICALLY ERAZABLE | GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. |
| ER1400-T05 ER1400-T08 ER1711 ER2050 (CERAMIC) ER2050 (PLASTIC) | EAROM EAROM SPECL EAROM EAROM | 14-BIT 14-BIT 4-BIT 16-BIT 16-BIT | 1400=100X14/SERIAL INPUT-OUTPUT/ELECTRICALLY ERAZABLE 1400=100X14/SERIAL INPUT-OUTPUT/ELECTRICALLY ERAZABLE 256X4 RAM MATED WITH 256X4 EAROM IN SINGLE PACK/MAX ACCSS 900NS 512=32X16/MAX. ACCESS 10uS/5 ADDRESS 3 CONTROL LOGIC LINES 512=32X16/MAX. ACCESS 10uS/5 ADDRESS 3 CONTROL LOGIC LINES | GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|---------------------------|------------------------|--------------------------|---------------------------|-------------|----------------------|
| NAT | DIL-16/1P | CMOS | 0C/+70C | -5V/+15V | 300MXMW | . | MOS+TTL | SAB4201A-D | DP4201N |
| NAT | DIL-24/2P | TTLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/TS | P8212N | DP8212N |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V/+12V | 115MXMA | . | TTL | D8224 | DP8224D |
| NAT | DIL-16/1C | STLB | 0C/+70C | +5V/+12V | 115MXMA | . | TTL | D8224 | DP8224N |
| NAT | DIL-16/1P | STLB | 0C/+70C | +5V | . | TTL | TTL/TS | D8226 | DP8226N |
| NAT | DIL-28/2C | TTLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | D8228 | DP8228J |
| NAT | DIL-28/2C | TTLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | D8238 | DP8238J |
| NAT | DIL-24/2C | NMOS | 0C/+70C | +5V | 110MXMA | TTL | TTL/TS | DP8300N | DP8300D |
| NAT | DIL-24/2P | NMOS | 0C/+70C | +5V | 110MXMA | TTL | TTL/TS | DP8300D | DP8300N |
| NAT | DIL-28/2C | CMOS | -40C/+85C | +5V | 5MXMA | TTL | TTL/TS | . | DP8301D |
| ADM | DIL-14/1C | TTLB | -55C/+125C | -5V/+5V | . | 25MV | TTL/TS | DS1603(NAT) | DS1603J |
| ADM | FLP-14/3G | TTLB | -55C/+125C | -5V/+5V | . | 25MV | TTL/TS | DS1603(NAT) | DS1603W |
| ELA | DIL-22/4C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | B2101A | EA2101 |
| ELA | DIL-22/4C | NMOS | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | B2101A | EA2101M |
| ELA | DIL-24/2C | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | C2308 | EA2308ADC |
| ELA | DIL-24/2C | NMOS | -55C/+100C | +5V | 135MXMA | TTL | TTL/TS | C2308 | EA2308ADL |
| ELA | DIL-24/2P | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | P2308 | EA2308APC |
| ELA | DIL-24/2C | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | C2316A | EA2316ADC |
| ELA | DIL-24/2C | NMOS | -55C/+100C | +5V | 160MXMA | TTL | TTL/TS | P2316AL | EA2316ADL |
| ELA | DIL-24/2P | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | P2316A | EA2316APC |
| ELA | DIL-24/2C | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | D8316 | EA2316EDC |
| ELA | DIL-24/2C | NMOS | -55C/+100C | +5V | 160MXMA | TTL | TTL/TS | MC2316 | EA2316EDL |
| ELA | DIL-24/2P | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | P8316A | EA2316EPC |
| ELA | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 885MXMW | TTL | TTL/TS | D2704 | EA2704DC |
| ELA | DIL-24/2C | NMOS | -55C/+125C | -5V/+5V/+12V | 1.06MXW | TTL | TTL/TS | . | EA2704DL |
| ELA | DIL-24/2C | NMOS | -55C/+125C | -5V/+5V/+12V | 1.06MXW | TTL | TTL/TS | . | EA2704DM |
| ELA | DIL-24/2Q | NMOS | 0C/+70C | +5V | 885MXMW | TTL | TTL/TS | B2708 | EA2708DC |
| ELA | DIL-24/2Q | NMOS | -55C/+100C | -5V/+5V/+12V | 1.06MXW | TTL | TTL/TS | MC2708 | EA2708DL |
| ELA | DIL-24/2Q | NMOS | -55C/+125C | -5V/+5V/+12V | 1.06MXW | TTL | TTL/TS | MC2708 | EA2708DM |
| ELA | DIL-28/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 500MXMW | TTL | TTL/TS | . | EA3200DC |
| ELA | DIL-28/2C | PMOS | 0C/+70C | -24V/-12V | 264MXMW | MOS | MOS | . | EA3800DC |
| ELA | DIL-28/2P | PMOS | 0C/+70C | -24V/-12V | 264MXMW | MOS | MOS | . | EA3800PC |
| ELA | DIL-24/2C | PMOS | -55C/+85C | -12V/+12V | 18MXMA | +12V/OV | TTL | . | EA4000DI |
| ELA | DIL-24/2P | PMOS | 0C/+70C | -12V/+12V | 18MXMA | +12V/OV | TTL | . | EA4000PC |
| ELA | DIL-24/2C | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS/GTD | SYP4600 | EA4600DC |
| ELA | DIL-24/2C | NMOS | 100C | +5V | 170MXMA | TTL | TTL/TS/GTD | SYP4600 | EA4600DL |
| ELA | DIL-24/2P | NMOS | +70C | +5V | 160MXMA | TTL | TTL/TS/GTD | SYP4600 | EA4600PC |
| ELA | DIL-24/2C | NMOS | +70C | +5V | 130MXMA | TTL | TTL/TS | TMS4700JL | EA4700DC |
| ELA | DIL-24/2C | NMOS | +125C | +5V | 135MXMA | TTL | TTL/TS | . | EA4700DL |
| ELA | DIL-24/2P | NMOS | +70C | +5V | 130MXMA | TTL | TTL/TS | TMS4700NL | EA4700PC |
| ELA | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 35MXMA | TTL | TTL/TS/GTD | . | EA4900DC |
| ELA | DIL-24/2C | PMOS | -55C/+100C | -12V/+5V | 75MXMA | TTL | TTL/TS/GTD | . | EA4900DL |
| ELA | DIL-24/2P | PMOS | 0C/+70C | -12V/+5V | 35MXMA | TTL | TTL/TS/GTD | . | EA4900PC |
| ELA | DIL-24/2C | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | C8308A | EA8308ADC |
| ELA | DIL-24/2C | NMOS | -55C/+100C | +5V | 135MXMA | TTL | TTL/TS | L8308A | EA8308ADL |
| ELA | DIL-24/2P | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | SAB8308-P | EA8308APC |
| ELA | DIL-24/2C | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | D8316A | EA8316ADC |
| ELA | DIL-24/2C | NMOS | -55C/+100C | +5V | 160MXMA | TTL | TTL/TS | M8316A | EA8316ADL |
| ELA | DIL-24/2P | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | P8316A | EA8316APC |
| ELA | DIL-24/2C | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | D8316 | EA8316EDC |
| ELA | DIL-24/2C | NMOS | -55C/+100C | +5V | 160MXMA | TTL | TTL/TS | D8316A | EA8316EDL |
| ELA | DIL-24/2P | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | P8316A | EA8316EPC |
| EMM | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL/TS | . | EMM4104ACC |
| EMM | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL/TS | . | EMM4104ACP |
| EMM | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 55MXMA | TTL | TTL/TS | . | EMM4104BCP |
| EMM | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 55MXMA | TTL | TTL/TS | . | EMM4104BCC |
| EMM | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL/TS | uPD410D | EMM4200ACC |
| EMM | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL/TS | uPD410D | EMM4200ACP |
| EMM | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 55MXMA | TTL | TTL/TS | uPD410D-1 | EMM4200BCC |
| EMM | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 55MXMA | TTL | TTL/TS | uP'410D-2 | EMM4200BCP |
| EMM | DIL-18/1C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/TS | . | EMM4801ACC |
| EMM | DIL-18/1C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/TS | . | EMM4801BCC |
| EMM | DIL-18/1C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/TS | . | EMM4801UCC |
| EMM | DIL-18/1C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/TS | . | EMM4804ACC |
| EMM | DIL-18/1C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/TS | . | EMM4804BCC |
| EMM | DIL-18/1C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/TS | . | EMM4804UCC |
| GEI | DIL-24/2C | PMOS | -25C/+70C | -12V/+12V | 12MXMA | . | . | NCR1105 | ER1105(CERAMIC) |
| GEI | DIL-24/2P | PMOS | -25C/+70C | -12V/+12V | 12MXMA | . | . | NCR1105 | ER1105(PLASTIC) |
| GEI | DIL-14/1C | MNOS | -25C/+75C | -35V | 300MXMW | -8/-1V | -12/-1V | . | ER1400 |
| GEI | T05-8/1M | MNOS | -25C/+75C | -35V | 300MXMW | -8/-1V | -12/-1V | . | ER1400T |
| GEI | T05-8/1M | MNOS | -25C/+75C | -35V | 300MXMW | -8/-1V | -12/-1V | . | ER1400-T05 |
| GEI | T08-8/1M | MNOS | -25C/+75C | -35V | 300MXMW | -8/-1V | -12/-1V | . | ER1400-T08 |
| GEI | DIL-22/2C | NMOS | 0C/+70C | -12V/+5V | . | TTL | TTL | . | ER1711 |
| GEI | DIL-28/2C | MNOS | 0C/+70C | -28V/+5V | 14MXMA | TTL | TTL | . | ER2050(CERAMIC) |
| GEI | DIL-28/2P | MNOS | 0C/+70C | -28V/+5V | 14MXMA | TTL | TTL | . | ER2050(PLASTIC) |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|-------------------|----------------|------------------|---|--------------------|
| ER2051 (CERAMIC) | EAROM | 16-BIT | 512=32X16/MAX. ACCESS 3uS/5 ADDRESS 3 CONTROL LOGIC LINES | GEN. PURP. |
| ER2051 (PLASTIC) | EAROM | 16-BIT | 512=32X16/MAX. ACCESS 3uS/5 ADDRESS 3 CONTROL LOGIC LINES | GEN. PURP. |
| ER2055 (CERAMIC) | EAROM | 16-BIT | 512=32X16/MAX. ACCESS 4uS/5 ADDRESS 3 CONTROL LOGIC LINES | GEN. PURP. |
| ER2055 (PLASTIC) | EAROM | 16-BIT | 512=32X16/MAX. ACCESS 4uS/5 ADDRESS 3 CONTROL LOGIC LINES | GEN. PURP. |
| ER2401A (CERAMIC) | EAROM | 4-BIT | 4K=1024X4/MAX. ACCESS 2.0uS/10X 2CS ADDRESS LINES/NON-VOL. DATA | GEN. PURP. |
| ER2401A (PLASTIC) | EAROM | 4-BIT | 4K=1024X4/MAX. ACCESS 2.0uS/10X 2CS ADDRESS LINES/NON-VOL. DATA | GEN. PURP. |
| ER2401 (CERAMIC) | EAROM | 4-BIT | 4K=1024X4/MAX. ACCESS 2.4uS/10X 2CS ADDRESS LINES/NON-VOL. DATA | GEN. PURP. |
| ER2401 (PLASTIC) | EAROM | 4-BIT | 4K=1024X4/MAX. ACCESS 2.4uS/10X 2CS ADDRESS LINES/NON-VOL. DATA | GEN. PURP. |
| ER2800 (CERAMIC) | EAROM | 4-BIT | 16K=2048X4/MAX. ACCESS 2.6uS/6X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| ER2800 (PLASTIC) | EAROM | 4-BIT | 16K=2048X4/MAX. ACCESS 2.6uS/6X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| ER2805 (CERAMIC) | EAROM | 4-BIT | 16K=2048X4/MAX. ACCESS 1.65uS/6X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| ER2805 (PLASTIC) | EAROM | 4-BIT | 16K=2048X4/MAX. ACCESS 1.65uS/6X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| ER3400 (CERAMIC) | EAROM | 4-BIT | 4K=1024X4/MAX. ACCESS 650NS/10 ADDRESS LINES/NON-VOL. RETENTION | GEN. PURP. |
| ER3400 (PLASTIC) | EAROM | 4-BIT | 4K=1024X4/MAX. ACCESS 650NS/10 ADDRESS LINES/NON-VOL. RETENTION | GEN. PURP. |
| ER3401 (CERAMIC) | EAROM | 4-BIT | 4K=1024X4/MAX. ACCESS 950NS/10 ADDRESS LINES/NON-VOL. RETENTION | GEN. PURP. |
| ER3401 (PLASTIC) | EAROM | 4-BIT | 4K=1024X4/MAX. ACCESS 950NS/10 ADDRESS LINES/NON-VOL. RETENTION | GEN. PURP. |
| EVACHIP-42 | | | ALTERNATIVE NAME FOR uPD555 - WHICH SEE | |
| EVACHIP-43 | | | ALTERNATIVE NAME FOR uPD556 - WHICH SEE | |
| F16K2DC | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 ADDRESS MULTIPLEXER 1CS LINES | GEN. PURP. |
| F16K2PC | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| F16K3DC | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| F16K3PC | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| F16K4DC | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| F16K4PC | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| F16K5DC | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/7 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| F16K5PC | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/7 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| F38T56DC | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM. | F8 |
| F38T56DL | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM. | F8 |
| F38T56DM | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM. | F8 |
| F38T56PC | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM. | F8 |
| F38T56PL | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM. | F8 |
| F68A00CL | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./1.5MHZ CLOCK | 6800 |
| F68A00CP | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./1.5MHZ CLOCK | 6800 |
| F68A00L | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./1.5MHZ CLOCK | 6800 |
| F68A00ML | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./1.5MHZ CLOCK | 6800 |
| F68A00P | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./1.5MHZ CLOCK | 6800 |
| F68A02CL | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./1.5MHZ VERSION OF 1MHZ 6802 | 6802 |
| F68A02CP | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./1.5MHZ VERSION OF 1MHZ 6802 | 6802 |
| F68A02L | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./1.5MHZ VERSION OF 1MHZ 6802 | 6802 |
| F68A02ML | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./1.5MHZ VERSION OF 1MHZ 6802 | 6802 |
| F68A02P | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./1.5MHZ VERSION OF 1MHZ 6802 | 6802 |
| F68A10CL | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 68A00 | 6800 |
| F68A10CP | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 68A00 | 6800 |
| F68A10L | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 68A00 | 6800 |
| F68A10ML | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 68A00 | 6800 |
| F68A10P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 68A00 | 6800 |
| F68A21CL | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/1.5MHZ VERSION OF 1MHZ 6821 | 6800 |
| F68A21CP | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/1.5MHZ VERSION OF 1MHZ 6821 | 6800 |
| F68A21L | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/1.5MHZ VERSION OF 1MHZ 6821 | 6800 |
| F68A21ML | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/1.5MHZ VERSION OF 1MHZ 6821 | 6800 |
| F68A21P | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/1.5MHZ VERSION OF 1MHZ 6821 | 6800 |
| F68A40CL | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1.5MHZ VERSION OF 1MHZ 6840 | 6800 |
| F68A40CP | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1.5MHZ VERSION OF 1MHZ 6840 | 6800 |
| F68A40L | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1.5MHZ VERSION OF 1MHZ 6840 | 6800 |
| F68A40ML | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1.5MHZ VERSION OF 1MHZ 6840 | 6800 |
| F68A40P | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1.5MHZ VERSION OF 1MHZ 6840 | 6800 |
| F68A46CL | ROMIO | 8-BIT | COMBINATION ROM, I-O PORT AND TIMER-COUNTER/1.5MHZ VERSN. OF 6846 | 6800 |
| F68A46CP | ROMIO | 8-BIT | COMBINATION ROM, I-O PORT AND TIMER-COUNTER/1.5MHZ VERSN. OF 6846 | 6800 |
| F68A46L | ROMIO | 8-BIT | COMBINATION ROM, I-O PORT AND TIMER-COUNTER/1.5MHZ VERSN. OF 6846 | 6800 |
| F68A46ML | ROMIO | 8-BIT | COMBINATION ROM, I-O PORT AND TIMER-COUNTER/1.5MHZ VERSN. OF 6846 | 6800 |
| F68A46P | ROMIO | 8-BIT | COMBINATION ROM, I-O PORT AND TIMER-COUNTER/1.5MHZ VERSN. OF 6846 | 6800 |
| F68A50CL | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1.5MHZ VERSN. 6850 | 6800 |
| F68A50CP | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1.5MHZ VERSN. 6850 | 6800 |
| F68A50L | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1.5MHZ VERSN. 6850 | 6800 |
| F68A50ML | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1.5MHZ VERSN. 6850 | 6800 |
| F68A50P | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1.5MHZ VERSN. 6850 | 6800 |
| F68A52CL | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSN. 6852 | 6800 |
| F68A52CP | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSN. 6852 | 6800 |
| F68A52L | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSN. 6852 | 6800 |
| F68A52ML | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSN. 6852 | 6800 |
| F68A52P | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSN. 6852 | 6800 |
| F68A54CL | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |
| F68A54CP | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |
| F68A54L | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |
| F68A54ML | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|------------------|
| GEI | DIL-28/2C | MNOS | 0C/+70C | -28V/+5V | 14MXMA | TTL | TTL | | ER2051 (CERAMIC) |
| GEI | DIL-28/2P | MNOS | 0C/+70C | -28V/+5V | 14MXMA | TTL | TTL | | ER2051 (PLASTIC) |
| GEI | DIL-28/2C | MNOS | 0C/+70C | -28V/+5V | 14MXMA | TTL | TTL | | ER2055 (CERAMIC) |
| GEI | DIL-28/2P | MNOS | 0C/+70C | -28V/+5V | 14MXMA | TTL | TTL | | ER2055 (PLASTIC) |
| GEI | DIL-24/2C | MNOS | 0C/+70C | -14V/+5V | 168MXMW | TTL | TTL/TS | | ER2401A (CERAM.) |
| GEI | DIL-24/2P | MNOS | 0C/+70C | -14V/+5V | 168MXMW | TTL | TTL/TS | | ER2401A (PLAST.) |
| GEI | DIL-24/2C | MNOS | 0C/+70C | -14V/+5V | 168MXMW | TTL | TTL/TS | | ER2401 (CERAMIC) |
| GEI | DIL-24/2C | MNOS | 0C/+70C | -14V/+5V | 168MXMW | TTL | TTL/TS | | ER2401 (PLASTIC) |
| GEI | DIL-24/2C | MNOS | 0C/+70C | -14V/+5V | 308MXMW | TTL | TTL/TS | | ER2800 (CERAMIC) |
| GEI | DIL-24/2P | MNOS | 0C/+70C | -14V/+9V | 308MXMW | TTL | TTL/TS | | ER2800 (PLASTIC) |
| GEI | DIL-24/2C | MNOS | 0C/+70C | -14V/+5V | 333MXMW | TTL | TTL/TS | | ER2805 (CERAMIC) |
| GEI | DIL-24/2P | MNOS | 0C/+70C | -14V/+5V | 333MXMW | TTL | TTL/TS | | ER2805 (PLASTIC) |
| GEI | DIL-22/4C | PMOS | 0C/+70C | -30V/-12V/+5V | 534MXMW | TTL | TTL/TS | | ER3400 (CERAMIC) |
| GEI | DIL-22/4P | PMOS | 0C/+70C | -30V/-12V/+5V | 534MXMW | TTL | TTL/TS | | ER3400 (PLASTIC) |
| GEI | DIL-22/4C | PMOS | 0C/+70C | -30V/-12V/+5V | 534MXMW | TTL | TTL/TS | | ER3401 (CERAMIC) |
| GEI | DIL-22/4P | PMOS | 0C/+70C | -30V/-12V/+5V | 534MXMW | TTL | TTL/TS | | ER3401 (PLASTIC) |
| NEC | | | | | | | | | EVACHIP-42 |
| NEC | | | | | | | | | EVACHIP-43 |
| FAS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/12V | 450MXMW | TTL | TTL/TS | MK4116N-2 | F16K2DC |
| FAS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/12V | 450MXMW | TTL | TTL/TS | MK4116P-2 | F16K2PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/12V | 450MXMW | TTL | TTL/TS | MK4116P-3 | F16K3DC |
| FAS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/12V | 450MXMW | TTL | TTL/TS | MK4116N-3 | F16K3PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/12V | 450MXMW | TTL | TTL/TS | MK4116P-4 | F16K4DC |
| FAS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/12V | 450MXMW | TTL | TTL/TS | MK4116N-4 | F16K4PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/12V | 450MXMW | TTL | TTL/TS | MK4116P-5 | F16K5DC |
| FAS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/12V | 450MXMW | TTL | TTL/TS | MK4116N-5 | F16K5PC |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | M3856 | F38T56DC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | M3856 | F38T56DL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 1.17MXW | TTL | TTL | M3856 | F38T56DM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | M3856 | F38T56PC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | M3856 | F38T56PL |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 500TPMW | TTL | TTL/TS | MC68A00CL | F68A00CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 500TPMW | TTL | TTL/TS | MC68A00CP | F68A00P |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 500TPMW | TTL | TTL/TS | MC68A00L | F68A00L |
| FAS | DIL-40/2X | NMOS | -55C/+125C | +5V | 500TPMW | TTL | TTL/TS | | F68A00ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 500TPMW | TTL | TTL/TS | MC68A00CP | F68A00P |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 1.2MXW | TTL | TTL | F68A02ML | F68A02CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 1.2MXW | TTL | TTL | F68A02CL | F68A02CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 1.2MXW | TTL | TTL | F68A02CL | F68A02L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 1.2MXW | TTL | TTL | | F68A02ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 1.2MXW | TTL | TTL | F68A02CP | F68A02P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 80MXMA | TTL | TTL/TS | MCM68A10CL | F68A10CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 80MXMA | TTL | TTL/TS | MCM68A10CP | F68A10CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL/TS | MCM68A10L | F68A10L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 80MXMA | TTL | TTL | | F68A10ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL/TS | MCM68A10P | F68A10P |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 550MXMW | TTL | TTL/TS | F68B21CL | F68A21CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 550MXMW | TTL | TTL/TS | F68B21CP | F68A21CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL/TS | MC68A21L | F68A21L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 550MXMW | TTL | TTL/TS | F68B21ML | F68A21ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL/TS | MC68A21P | F68A21P |
| FAS | DIL-28/2C | NMOS | -40C/+85C | +5V | 550MXMW | TTL | TTL | F68B40CL | F68A40CL |
| MTA | DIL-28/2P | NMOS | -40C/+85C | +5V | 550MXMW | TTL | TTL | F68B40CP | F68A40CP |
| FAS | DIL-28/2C | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL | F68B40L | F68A40L |
| FAS | DIL-28/2C | NMOS | -55C/+125C | +5V | 550MXMW | TTL | TTL | F68B40ML | F68A40ML |
| FAS | DIL-28/2P | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL | F68B40P | F68A40P |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 1MXW | TTL | TTL | F68B46CL | F68A46CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 1MXW | TTL | TTL | F68B46CP | F68A46CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 1MXW | TTL | TTL | F68B46L | F68A46L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 1MXW | TTL | TTL | F68B46ML | F68A46ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 1MXW | TTL | TTL | F68B46P | F68A46P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 525MXMW | TTL | TTL/TS | F68B50CL | F68A50CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 525MXMW | TTL | TTL/TS | F68B50CP | F68A50CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | F68B50L | F68A50L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 525MXMW | TTL | TTL/TS | F68B50ML | F68A50ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | F68B50P | F68A50P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 525MXMW | TTL | TTL/TS | MC68A52CL | F68A52CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 525MXMW | TTL | TTL/TS | MC68A52CP | F68A52CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC68A52L | F68A52L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 525MXMW | TTL | TTL/TS | F68B52ML | F68A52ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC68A52P | F68A52P |
| FAS | DIL-28/2C | NMOS | -40C/+85C | +5V | 850MXMW | TTL | TTL | MC68A54CL | F68A54CL |
| FAS | DIL-28/2P | NMOS | -40C/+85C | +5V | 850MXMW | TTL | TTL | MC68A54CP | F68A54CP |
| FAS | DIL-28/2C | NMOS | 0C/+70C | +5V | 850MXMW | TTL | TTL | MC68A54L | F68A54L |
| FAS | DIL-28/2C | NMOS | -55C/+125C | +5V | 850MXMW | TTL | TTL | | F68A54ML |

| DEVICE TYPE NO | FUNC TION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|-----------------|------------------|--|--------------------|
| F68A54P | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |
| F68A308CL | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/10 ADDRESS 2CS LINES | 6800 |
| F68A308CP | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/10 ADDRESS 2CS LINES | 6800 |
| F68A308L | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/10 ADDRESS 2CS LINES | 6800 |
| F68A308ML | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/10 ADDRESS 2CS LINES | 6800 |
| F68A308P | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/10 ADDRESS 2CS LINES | 6800 |
| F68A316CL | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | 6800 |
| F68A316CP | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | 6800 |
| F68A316L | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | 6800 |
| F68A316ML | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | 6800 |
| F68A316P | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | 6800 |
| F68B00CL | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./2MHZ CLOCK | 6800 |
| F68B00CP | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./2MHZ CLOCK | 6800 |
| F68B00L | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./2MHZ CLOCK | 6800 |
| F68B00ML | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./2MHZ CLOCK | 6800 |
| F68B00P | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./2MHZ CLOCK | 6800 |
| F68B02CL | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./2MHZ VERSION OF 1MHZ 6802 | 6802 |
| F68B02CP | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./2MHZ VERSION OF 1MHZ 6802 | 6802 |
| F68B02L | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./2MHZ VERSION OF 1MHZ 6802 | 6802 |
| F68B02ML | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./2MHZ VERSION OF 1MHZ 6802 | 6802 |
| F68B02P | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./2MHZ VERSION OF 1MHZ 6802 | 6802 |
| F68B10CL | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 250NS/7 ADDRESS 6CS LINES/FOR 2MHZ 68800 | 6800 |
| F68B10CP | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 250NS/7 ADDRESS 6CS LINES/FOR 2MHZ 68800 | 6800 |
| F68B10L | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 250NS/7 ADDRESS 6CS LINES/FOR 2MHZ 68800 | 6800 |
| F68B10ML | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 250NS/7 ADDRESS 6CS LINES/FOR 2MHZ 68800 | 6800 |
| F68B10P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 250NS/7 ADDRESS 6CS LINES/FOR 2MHZ 68800 | 6800 |
| F68B21CL | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/2MHZ VERSION OF 1MHZ 6821 | 6800 |
| F68B21CP | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/2MHZ VERSION OF 1MHZ 6821 | 6800 |
| F68B21L | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/2MHZ VERSION OF 1MHZ 6821 | 6800 |
| F68B21ML | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/2MHZ VERSION OF 1MHZ 6821 | 6800 |
| F68B21P | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/2MHZ VERSION OF 1MHZ 6821 | 6800 |
| F68B40CL | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./2MHZ VERSION OF 1MHZ 6840 | 6800 |
| F68B40CP | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./2MHZ VERSION OF 1MHZ 6840 | 6800 |
| F68B40L | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./2MHZ VERSION OF 1MHZ 6840 | 6800 |
| F68B40ML | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./2MHZ VERSION OF 1MHZ 6840 | 6800 |
| F68B40P | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./2MHZ VERSION OF 1MHZ 6840 | 6800 |
| F68B46CL | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/2MHZ VERSN. OF 6846 | 6800 |
| F68B46CP | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/2MHZ VERSN. OF 6846 | 6800 |
| F68B46L | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/2MHZ VERSN. OF 6846 | 6800 |
| F68B46ML | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/2MHZ VERSN. OF 6846 | 6800 |
| F68B46P | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/2MHZ VERSN. OF 6846 | 6800 |
| F68B50CL | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/2MHZ VERSN. 6850 | 6800 |
| F68B50CP | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/2MHZ VERSN. 6850 | 6800 |
| F68B50L | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/2MHZ VERSN. 6850 | 6800 |
| F68B50ML | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/2MHZ VERSN. 6850 | 6800 |
| F68B50P | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/2MHZ VERSN. 6850 | 6800 |
| F68B52CL | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./2MHZ VERSN. 6852 | 6800 |
| F68B52CP | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./2MHZ VERSN. 6852 | 6800 |
| F68B52L | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./2MHZ VERSN. 6852 | 6800 |
| F68B52ML | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./2MHZ VERSN. 6852 | 6800 |
| F68B52P | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./2MHZ VERSN. 6852 | 6800 |
| F68B54CL | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/2MHZ CLOCK FREQUENCY | 6800 |
| F68B54CP | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/2MHZ CLOCK FREQUENCY | 6800 |
| F68B54L | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/2MHZ CLOCK FREQUENCY | 6800 |
| F68B54ML | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/2MHZ CLOCK FREQUENCY | 6800 |
| F68B54P | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/2MHZ CLOCK FREQUENCY | 6800 |
| F68B308CL | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 250NS/10 ADDRESS 2CS LINES | 6800 |
| F68B308CP | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 250NS/10 ADDRESS 2CS LINES | 6800 |
| F68B308L | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 250NS/10 ADDRESS 2CS LINES | 6800 |
| F68B308ML | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 250NS/10 ADDRESS 2CS LINES | 6800 |
| F68B308P | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 250NS/10 ADDRESS 2CS LINES | 6800 |
| F68B316CL | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 250NS/11 ADDRESS 3CS LINES | 6800 |
| F68B316CP | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 250NS/11 ADDRESS 3CS LINES | 6800 |
| F68B316L | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 250NS/11 ADDRESS 3CS LINES | 6800 |
| F68B316ML | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 250NS/11 ADDRESS 3CS LINES | 6800 |
| F68B316P | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 250NS/11 ADDRESS 3CS LINES | 6800 |
| F100-L(COM.) | CPU | 16-BIT | MICROPROCESSOR CENTRAL PROCESSING UNIT FOR F100 FAM. (APP. B) | F100 |
| F100-L(IND.) | CPU | 16-BIT | MICROPROCESSOR CENTRAL PROCESSING UNIT FOR F100 FAM. (APP. B) | F100 |
| F100-L(MIL.) | CPU | 16-BIT | MICROPROCESSOR CENTRAL PROCESSING UNIT FOR F100 FAM. (APP. B) | F100 |
| F101-L | ALU | 16-BIT | MULTIPLY-DIVIDE UNIT FOR F100 FAM. | F100 |
| F111-L(COM.) | IFACE | 16-BIT | CONTROL INTERFACE CHIP FOR F100 FAM. (APP. B) | F100 |
| F111-L(IND.) | IFACE | 16-BIT | CONTROL INTERFACE CHIP FOR F100 FAM. (APP. B) | F100 |
| F111-L(MIL.) | IFACE | 16-BIT | CONTROL INTERFACE CHIP FOR F100 FAM. (APP. B) | F100 |
| F112-L(COM.) | IFACE | 16-BIT | DATA INTERFACE CHIP FOR F100 FAM. (APP. B) | F100 |
| F112-L(IND.) | IFACE | 16-BIT | DATA INTERFACE CHIP FOR F100 FAM. (APP. B) | F100 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|-------------|----------------------|
| FAS | DIL-28/2P | NMOS | 0C/+70C | +5V | 850MXMW | TTL | TTL | MC68A54P | F68A54P |
| FAS | DIL-24/2C | NMOS | -40C/+80C | +5V | 130MXMW | TTL | TTL/TS | F68A308CL | F68A308CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 130MXMW | TTL | TTL/TS | F68A308CP | F68A308CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 130MXMW | TTL | TTL/TS | MCM68A308C | F68A308L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 130MXMW | TTL | TTL/TS | | F68A308ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 130MXMW | TTL | TTL/TS | MCM68A308P | F68A308P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 120MXMA | TTL | TTL/TS | F68A316CP | F68A316CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 120MXMA | TTL | TTL/TS | F68A316CL | F68A316CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | MCM68A316AC | F68A316L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 120MXMA | TTL | TTL/TS | F68B316ML | F68A316ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | MCM68A316AP | F68A316P |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 500TPMW | TTL | TTL/TS | MC68B00L | F68B00CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 500TPMW | TTL | TTL/TS | MC68B00P | F68B00CP |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 500MXMW | TTL | TTL/TS | F68B00ML | F68B00L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 500TPMW | TTL | TTL/TS | | F68B00ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 500TPMW | TTL | TTL/TS | MC68B00P | F68B00P |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 1.2MXW | TTL | TTL | F68B02CP | F68B02CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 1.2MXW | TTL | TTL | F68B02CL | F68B02CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 1.2MXW | TTL | TTL | F68B02ML | F68B02L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 1.2MXW | TTL | TTL | | F68B02ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 1.2MXW | TTL | TTL | F68B02CP | F68B02P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 80MXMA | TTL | TTL/TS | 80MXMA | F68B10CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 80MXMA | TTL | TTL/TS | MCM6810CP | F68B10CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL/TS | 80MXMA | F68B10L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 80MXMA | TTL | TTL/TS | | F68B10ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL/TS | MCM68B10P | F68B10P |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 550MXMW | TTL | TTL/TS | F68B21CP | F68B21CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 550MXMW | TTL | TTL/TS | F68B21CL | F68B21CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL/TS | MC68B21L | F68B21L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 550MXMW | TTL | TTL/TS | | F68B21ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL/TS | MC68B21P | F68B21P |
| FAS | DIL-28/2C | NMOS | -40C/+85C | +5V | 550MXMW | TTL | TTL | F68B40CP | F68B40CL |
| FAS | DIL-28/2P | NMOS | -40C/+85C | +5V | 550MXMW | TTL | TTL | F68B40CL | F68B40CP |
| FAS | DIL-28/2C | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL | F68B40P | F68B40L |
| FAS | DIL-28/2C | NMOS | -55C/+125C | +5V | 550MXMW | TTL | TTL | F68B40ML | F68B40ML |
| FAS | DIL-28/2P | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL | F68B40CP | F68B40P |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 1MXW | TTL | TTL | F68B46CP | F68B46CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 1MXW | TTL | TTL | F68B46CL | F68B46CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 1MXW | TTL | TTL | F68B46ML | F68B46L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 1MXW | TTL | TTL | | F68B46ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 1MXW | TTL | TTL | F68B46L | F68B46P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 525MXMW | TTL | TTL/TS | F68B50CP | F68B50CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 525MXMW | TTL | TTL/TS | F68B50CL | F68B50CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | F68B50L | F68B50L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 525MXMW | TTL | TTL/TS | | F68B50ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | F68B50L | F68B50P |
| FAS | DIL-24/2C | NMOS | -40C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC68A52CL | F68B52CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 525MXMW | TTL | TTL/TS | MC68B52CP | F68B52CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC68B52L | F68B52L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 525MXMW | TTL | TTL/TS | | F68B52ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC68B52P | F68B52P |
| FAS | DIL-28/2C | NMOS | -40C/+85C | +5V | 850MXMW | TTL | TTL | F68B54CP | F68B54CL |
| FAS | DIL-28/2P | NMOS | -40C/+85C | +5V | 850MXMW | TTL | TTL | F68B54CL | F68B54CP |
| FAS | DIL-28/2C | NMOS | 0C/+70C | +5V | 850MXMW | TTL | TTL | MC68B54L | F68B54L |
| FAS | DIL-28/2C | NMOS | -55C/+125C | +5V | 850MXMW | TTL | TTL | | F68B54ML |
| FAS | DIL-28/2P | NMOS | 0C/+70C | +5V | 850MXMW | TTL | TTL | MC68B54P | F68B54P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 130MXMW | TTL | TTL/TS | F68B308CP | F68B308CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 130MXMW | TTL | TTL/TS | F68B308CL | F68B308CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 130MXMW | TTL | TTL/TS | MCM68B308C | F68B308L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | | F68B308ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 130MXMW | TTL | TTL/TS | MCM68B308P | F68B308P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 120MXMA | TTL | TTL/TS | F68B316CP | F68B316CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 120MXMA | TTL | TTL/TS | F68B316CP | F68B316CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | F68B316ML | F68B316L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 120MXMA | TTL | TTL/TS | | F68B316ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | F68B316L | F68B316P |
| FER | DIL-40/2C | CDIB | 0C/+70C | +5V | 270TPMA | TTL | TTL | | F100-L (COM.) |
| FER | DIL-40/2C | CDIB | -25C/+85C | +5V | 270TPMA | TTL | TTL | | F100-L (IND.) |
| FER | DIL-40/2C | CDIB | -55C/+125C | +5V | 270TPMA | TTL | TTL | | F100-L (MIL.) |
| FER | | CDIB | | +5V | | TTL | TTL | | F101-L |
| FER | DIL-40/2C | CDIB | 0C/+70C | +5V | 85TPMA | TTL | TTL | | F111-L (COM.) |
| FER | DIL-40/2C | CDIB | -25C/+85C | +5V | 85TPMA | TTL | TTL | | F111-L (IND.) |
| FER | DIL-40/2C | CDIB | -55C/+125C | +5V | 85TPMA | TTL | TTL | | F111-L (MIL.) |
| FER | DIL-40/2C | CDIB | 0C/+70C | +5V | 120TPMA | TTL | TTL | | F112-L (COM.) |
| FER | DIL-40/2C | CDIB | -25C/+85C | +5V | 120TPMA | TTL | TTL | | F112-L (IND.) |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| F112-L(MIL.) | IFACE | 16-BIT | DATA INTERFACE CHIP FOR F100 FAM. (APP. B) | F100 |
| F113-L(COM.) | MMU | 16-BIT | MEMORY INTERFACE FOR F100 FAM./650MW/ALT. TYPE NO. ZN1001-F113L | F100 |
| F113-L(IND.) | MMU | 16-BIT | MEMORY INTERFACE FOR F100 FAM./650MW/ALT. TYPE NO. ZN1001-F113L | F1000 |
| F113-L(MIL.) | MMU | 16-BIT | MEMORY INTERFACE FOR F100 FAM./650MW/ALT. TYPE NO. ZN1001-F113L | F100 |
| F114-L(COM.) | MEMCT | 16-BIT | MEMORY INTERFACE FOR F100 FAM./65MW/ALT. TYPE NO. ZN1001-F114L | F100 |
| F114-L(IND.) | MEMCT | 16-BIT | MEMORY INTERFACE FOR F100 FAM./65MW/ALT. TYPE NO. ZN1001-F114L | F100 |
| F114-L(MIL.) | MEMCT | 16-BIT | MEMORY INTERFACE FOR F100 FAM./65MW/ALT. TYPE NO. ZN1001-F114L | F100 |
| F464-2DC | SMEM | 1-BIT | 65K=4096X16X1/DYNAMIC SERIAL MEMORY /1-5MHZ | GEN. PURP. |
| F464-3DC | SMEM | 1-BIT | 65K=4096X16X1/DYNAMIC SERIAL MEMORY /1-4MHZ | GEN. PURP. |
| F464-4DC | SMEM | 1-BIT | 65K=4096X16X1/DYNAMIC SERIAL MEMORY /1-2MHZ | GEN. PURP. |
| F2114DC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS | GEN. PURP. |
| F2114PC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS | GEN. PURP. |
| F2114-2DC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| F2114-2PC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| F2114-3DC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| F2114-3PC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| F2114-4DC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| F2114-4PC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| F2708DC | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| F2708DL | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| F2708DM | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| F3508DC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS | GEN. PURP. |
| .3508PC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS | GEN. PURP. |
| F3516DC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/REARRANGED-LEADS VERSION OF 3516DC | GEN. PURP. |
| F3843DC | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/3.2uS CLOCK | GEN. PURP. |
| F3843DM | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/3.2uS CLOCK | GEN. PURP. |
| F3850DC | CPU | 8-BIT | 1-CHIP CENTRAL PROCESSING UNIT FOR F8 FAMILY/70 INSTNS. | F8 |
| F3850DL | CPU | 8-BIT | 1-CHIP CENTRAL PROCESSING UNIT FOR F8 FAM./70 INSTNS | F8 |
| F3850DM | CPU | 8-BIT | 1-CHIP CENTRAL PROCESSING UNIT FOR F8 FAM./ | F8 |
| F3850PC | CPU | 8-BIT | 1-CHIP CENTRAL PROCESSING UNIT FOR F8 FAM. | F8 |
| F3850PL | CPU | 8-BIT | 1-CHIP CENTRAL PROCESSING UNIT FOR F8 FAM. | F8 |
| F3851ADC | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./OFF-SHELF STD-MASKED F3851DC | F8 |
| F3851ADL | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./OFF-SHELF STD-MASKED F3851DL | F8 |
| F3851ADM | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./OFF-SHELF STD-MASKED F3851DM | F8 |
| F3851APC | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./OFF-SHELF STD-MASKED F3851PC | F8 |
| F3851APL | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./OFF-SHELF STD-MASKED F3851PL | F8 |
| F3851DC | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT. 64X8 RAM, IO, PROG. TIMER | F8 |
| F3851DL | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT. 64X8 RAM, IO, PROG. TIMER | F8 |
| F3851DM | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT. 64X8 RAM, IO, PROG. TIMER | F8 |
| F3851PC | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT. 64X8 RAM, IO, PROG. TIMER | F8 |
| F3851PL | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT. 64X8 RAM, IO, PROG. TIMER | F8 |
| F3851XDC | PSU | 8-BIT | ALTERNATE NUMBER FOR F3851DC/WHICH SEE | F8 |
| F3851XPC | PSU | 8-BIT | ALTERNATE NUMBER FOR F3851PC/WHICH SEE | F8 |
| F3852DC | DMI | 8-BIT | DYNAMIC MEM. IFACE FOR F8 FAM. | F8 |
| F3852DL | DMI | 8-BIT | DYNAMIC MEMORYIFACE FOR F8 FAM. | F8 |
| F3852DM | DMI | 8-BIT | DYNAMIC MEM. IFACE FOR F8 FAM. | F8 |
| F3852PC | DMI | 8-BIT | DYNAMIC MEM. IFACE FOR F8 FAM. | F8 |
| F3852PL | DMI | 8-BIT | DYNAMIC MEM. IFACE FOR F8 FAM. | F8 |
| F3852/SL31116 | DMI | 8-BIT | DYNAMIC MEM. IFACE FOR F8 FAM. | F8 |
| F3853DC | MEMCT | 8-BIT | STATIC MEMORY INTERFACE FOR F8 FAMILY | F8 |
| F3853DL | MEMCT | 8-BIT | STATIC MEMORY INTERFACE FOR F8 FAMILY | F8 |
| F3853DM | MEMCT | 8-BIT | STATIC MEMORY INTERFACE FOR F8 FAMILY | F8 |
| F3853PC | MEMCT | 8-BIT | STATIC MEMORY INTERFACE FOR F8 FAMILY | F8 |
| F3853PL | MEMCT | 8-BIT | STATIC MEMORY INTERFACE FOR F8 FAMILY | F8 |
| F3854DC | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER FOR F8 FAMILY | F8 |
| F3854DL | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER FOR F8 FAMILY | F8 |
| F3854DM | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER FOR F8 FAMILY | F8 |
| F3854PC | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER FOR F8 FAMILY | F8 |
| F3854PL | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER FOR F8 FAMILY | F8 |
| F3856ADC | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./OFF-SHELF STANDARD MASK ROM | F8 |
| F3856ADL | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./OFF-SHELF STANDARD MASK ROM | F8 |
| F3856ADM | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./OFF-SHELF STANDARD MASK ROM | F8 |
| F3856APC | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./OFF-SHELF STANDARD MASK ROM | F8 |
| F3856APL | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./OFF-SHELF STANDARD MASK ROM | F8 |
| F3856DC | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT. MROM | F8 |
| F3856DL | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT. MROM | F8 |
| F3856DM | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT. MROM | F8 |
| F3856PC | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT. MROM | F8 |
| F3856PL | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT. MROM | F8 |
| F3856PM | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT. MROM | F8 |
| F3857DC | PSU | 8-BIT | PROGRAM STORAGE UNIT AND STATIC MEMORY IFACE FOR F8 FAM. | F8 |
| F3857DL | PSU | 8-BIT | PROGRAM STORAGE UNIT AND STATIC MEMORY IFACE FOR F8 FAM. | F8 |
| F3857DM | PSU | 8-BIT | PROGRAM STORAGE UNIT AND STATIC MEMORY IFACE FOR F8 FAM. | F8 |
| F3857PC | PSU | 8-BIT | PROGRAM STORAGE UNIT AND STATIC MEMORY IFACE FOR F8 FAM. | F8 |
| F3857PL | PSU | 8-BIT | PROGRAM STORAGE UNIT AND STATIC MEMORY IFACE FOR F8 FAM. | F8 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|---------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| FER | DIL-40/2C | CDIB | -55C/+125C | . . . +5V | 120TPMA | . TTL | . TTL | . . . | F112-L (MIL.) |
| FER | . . . | CDIB | 0C/+70C | . . . +5V | 650MXMW | . TTL | . TTL | . . . | F113-L (COM.) |
| FER | . . . | CDIB | -25C/+85C | . . . +5V | 650MXMW | . TTL | . TTL | . . . | F113-L (IND.) |
| FER | . . . | CDIB | -55C/+125C | . . . +5V | 650MXMW | . TTL | . TTL | . . . | F113-L (MIL.) |
| FER | . . . | CDIB | 0C/+70C | . . . +5V | 65MXMW | . TTL | . TTL | . . . | F114-L (COM.) |
| FER | . . . | CDIB | -25C/+85C | . . . +5V | 65MXMW | . TTL | . TTL | . . . | F114-L (IND.) |
| FER | . . . | CDIB | -55C/+125C | . . . +5V | 65MXMW | . TTL | . TTL | . . . | F114-L (MIL.) |
| FAS | DIL-16/1C | CCDB | 0C/+55C | -5V/+5V/+12V | 336MXMW | . TTL | TTL/TS | CCD464-2DC | F464-2DC |
| FAS | DIL-16/1C | CCDB | 0C/+55C | -5V/+5V/+12V | 336MXMW | . TTL | TTL/TS | CCD464-3DC | F464-3DC |
| FAS | DIL-16/1C | CCDB | 0C/+55C | -5V/+5V/+12V | 336MXMW | . TTL | TTL/TS | CCD464-4DC | F464-4DC |
| FAS | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 350MXMW | . TTL | TTL/TS | F2114PC | F2114DC |
| FAS | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 350MXMW | . TTL | TTL/TS | F2114DC | F2114PC |
| FAS | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 120XMA | . TTL | TTL/TS | C2114-2 | F2114-2DC |
| FAS | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 120XMA | . TTL | TTL/TS | P2114-2 | F2114-2PC |
| FAS | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 120XMA | . TTL | TTL/TS | C2114-3 | F2114-3DC |
| FAS | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 120XMA | . TTL | TTL/TS | P2114-3 | F2114-3PC |
| FAS | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 120XMA | . TTL | TTL/TS | C2114-3 | F2114-4DC |
| FAS | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 120XMA | . TTL | TTL/TS | P2114-3 | F2114-4PC |
| FAS | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | B2708 | F2708DC |
| FAS | DIL-24/2Q | NMOS | -40C/+85C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | M2708 | F2708DL |
| FAS | DIL-24/2Q | NMOS | -55C/+125C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | M2708 | F2708DM |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V/+5V/+12V | 330MXMW | . TTL | TTL/TS | . . . | F3508DC |
| FAS | DIL-24/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 330MXMW | . TTL | TTL/TS | . . . | F3508PC |
| FAS | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 330MXMW | . TTL | TTL/TS | D3516E | F3516EDC |
| FAS | DIL-28/2C | NMOS | 0C/+70C | . . . +5V/+12V | 500XMA | . TTL | TTL/TS | . . . | F3843DC |
| FAS | DIL-28/2C | NMOS | -55C/+125C | . . . +5V/+12V | 500XMA | . TTL | TTL/TS | . . . | F3843DM |
| FAS | DIL-28/2P | NMOS | 0C/+70C | . . . +5V/+12V | 500XMA | . TTL | TTL/TS | . . . | F3843PC |
| FAS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 700XMMW | . TTL | . TTL | M3850 | F3850DC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | . . . +5V/+12V | 700XMMW | . TTL | . TTL | . . . | F3850DL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | . . . +5V/+12V | 700XMMW | . TTL | . TTL | M3850 | F3850DM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | . . . +5V/+12V | 700XMMW | . TTL | . TTL | M3850 | F3850PC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | . . . +5V/+12V | 700XMMW | . TTL | . TTL | M3850 | F3850PL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 270TPMW | . TTL | . TTL | . . . | F3851ADC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | . . . +5V/+12V | 270TPMW | . TTL | . TTL | . . . | F3851ADL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | . . . +5V/+12V | 270TPMW | . TTL | . TTL | . . . | F3851ADM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | . . . +5V/+12V | 270TPMW | . TTL | . TTL | . . . | F3851APC |
| FAS | DIL-40/2P | NMOS | -55C/+125C | . . . +5V/+12V | 270TPMW | . TTL | . TTL | . . . | F3851APL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 270TPMW | . TTL | . TTL | MK3851P | F3851DC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | . . . +5V/+12V | 270TPMW | . TTL | . TTL | MK3851N | F3851DL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | . . . +5V/+12V | 270TPMW | . TTL | . TTL | MK3851N | F3851DM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | . . . +5V/+12V | 270TPMW | . TTL | . TTL | MK3851P | F3851PC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | . . . +5V/+12V | 270TPMW | . TTL | . TTL | MK3851P | F3851PL |
| FAS | . . . | . . . | . . . | . . . | . . . | . . . | . . . | . . . | F3851XDC |
| FAS | . . . | . . . | . . . | . . . | . . . | . . . | . . . | . . . | F3851XPC |
| FAS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 710MXMW | . TTL | . TTL | MK3852P | F3852DC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | . . . +5V/+12V | 710MXMW | . TTL | . TTL | MK3852P | F3852DL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | . . . +5V/+12V | 710MXMW | . TTL | . TTL | MK3852P | F3852DM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | . . . +5V/+12V | 710MXMW | . TTL | . TTL | MK3852N | F3852PC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | . . . +5V/+12V | 710MXMW | . TTL | . TTL | MK3852N | F3852PL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 710MXMW | . TTL | . TTL | . . . | F3852/SL31116 |
| FAS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 330TPMW | . TTL | . TTL | MK3853P | F3853DC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | . . . +5V/+12V | 330TPMW | . TTL | . TTL | MK3853P | F3853DL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | . . . +5V/+12V | 330TPMW | . TTL | . TTL | MK3853P | F3853DM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | . . . +5V/+12V | 330TPMW | . TTL | . TTL | MK3853N | F3853PC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | . . . +5V/+12V | 330TPMW | . TTL | . TTL | MK3853N | F3853PL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 280TPMW | . TTL | . TTL | MK3854P | F3854DC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | . . . +5V/+12V | 280TPMW | . TTL | . TTL | MK3854P | F3854DL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | . . . +5V/+12V | 280TPMW | . TTL | . TTL | MK3854P | F3854DM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | . . . +5V/+12V | 280TPMW | . TTL | . TTL | MK3854N | F3854PC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | . . . +5V/+12V | 280TPMW | . TTL | . TTL | MK3854N | F3854PL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | . . . | F3856ADC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | . . . | F3856ADL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | . . . | F3856ADM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | . . . | F3856APC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | . . . | F3856APL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | M3856 | F3856DC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | M3856 | F3856DL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | M3856 | F3856DM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | M3856 | F3856PC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | M3856 | F3856PL |
| FAS | DIL-40/2P | NMOS | -55C/+125C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | M3856 | F3856PM |
| FAS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | M3857 | F3857DC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | M3857 | F3857DL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | M3857 | F3857DM |
| FAS | DIL-40/2P | NMOS | 0C/+75C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | M3857 | F3857PC |

| DEVICE TYPE NO | FUNCI ON app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| F3857PL | PSU | 8-BIT | PROGRAM STORAGE UNIT AND STATIC MEMORY IFACE FOR F8 FAM. | F8 |
| F3857PM | PSU | 8-BIT | PROGRAM STORAGE UNIT AND STATIC MEMORY IFACE FOR F8 FAM. | F8 |
| F3861ADC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD A MROM | F8 |
| F3861ADL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD A MROM | F8 |
| F3861ADM | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD A MROM | F8 |
| F3861APC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD A MROM | F8 |
| F3861APL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD A MROM | F8 |
| F3861BDC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD B MROM | F8 |
| F3861BDL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD B MROM | F8 |
| F3861BDM | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD B MROM | F8 |
| F3861BPC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD B MROM | F8 |
| F3861BPL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD B MROM | F8 |
| F3861CDC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD C MROM | F8 |
| F3861CDL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD C MROM | F8 |
| F3861CDM | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD C MROM | F8 |
| F3861CPC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD C MROM | F8 |
| F3861CPL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD C MROM | F8 |
| F3861DC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU | F8 |
| F3861DDC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD D MROM | F8 |
| F3861DDL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD D MROM | F8 |
| F3861DDM | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD D MROM | F8 |
| F3861DL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU | F8 |
| F3861DM | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU | F8 |
| F3861DPC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD D MROM | F8 |
| F3861DPL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD D MROM | F8 |
| F3861EDC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD E MROM | F8 |
| F3861EDL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD E MROM | F8 |
| F3861EDM | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD E MROM | F8 |
| F3861EPC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD E MROM | F8 |
| F3861EPL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU/STD E MROM | F8 |
| F3861PC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU | F8 |
| F3861PL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU | F8 |
| F3870DL | MPU | 8-BIT | 1-CHIP MICROCOMPUTER WITH 32 I-O LINES, INTERRUPT AND TIMER | 3870 |
| F3870DM | MPU | 8-BIT | 1-CHIP MICROCOMPUTER WITH 32 I-O LINES, INTERRUPT AND TIMER | 3870 |
| F3870DDC | MPU | 8-BIT | 1-CHIP MICROCOMPUTER WITH 32 I-O LINES, INTERRUPT AND TIMER | 3870 |
| F3870DPL | MPU | 8-BIT | 1-CHIP MICROCOMPUTER WITH 32 I-O LINES, INTERRUPT AND TIMER | 3870 |
| F3870PC | MPU | 8-BIT | 1-CHIP MICROCOMPUTER WITH 32 I-O LINES, INTERRUPT AND TIMER | 3870 |
| F3870PL | MPU | 8-BIT | 1-CHIP MICROCOMPUTER WITH 32 I-O LINES, INTERRUPT AND TIMER | 3870 |
| F3870PM | MPU | 8-BIT | 1-CHIP MICROCOMPUTER WITH 32 I-O LINES, INTERRUPT AND TIMER | 3870 |
| F3871DC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER | F8(3850) |
| F3871DL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER | F8(3850) |
| F3871DM | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER | F8(3850) |
| F3871EDC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. E | F8(3850) |
| F3871EDL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. E | F8(3850) |
| F3871EDM | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. E | F8(3850) |
| F3871EPC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. E | F8(3850) |
| F3871EPL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. E | F8(3850) |
| F3871FDC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. F | F8(3850) |
| F3871FDL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. F | F8(3850) |
| F3871FDM | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. F | F8(3850) |
| F3871FPC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. F | F8(3850) |
| F3871FPL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. F | F8(3850) |
| F3871GDC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. G | F8(3850) |
| F3871GDL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. G | F8(3850) |
| F3871GDM | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. G | F8(3850) |
| F3871GPC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. G | F8(3850) |
| F3871GPL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. G | F8(3850) |
| F3871HDC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. H | F8(3850) |
| F3871HDL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. H | F8(3850) |
| F3871HDM | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. H | F8(3850) |
| F3871HPC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. H | F8(3850) |
| F3871HPL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER/PORT CONFIGN. H | F8(3850) |
| F3871PC | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER | F8(3850) |
| F3871PL | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER | F8(3850) |
| F3899DC | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./1024X8 ROM/STACK REGR./COUNTER | F8(3850) |
| F3899DL | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./1024X8 ROM/STACK REGR./COUNTER | F8(3850) |
| F3899DM | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./1024X8 ROM/STACK REGR./COUNTER | F8(3850) |
| F3899PC | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./1024X8 ROM/STACK REGR./COUNTER | F8(3850) |
| F3899PL | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./1024X8 ROM/STACK REGR./COUNTER | F8(3850) |
| F4104BE | LVLSH | 4-BIT | QUAD LOW-TO-HIGH VOLTAGE TRANSLATOR | GEN. PURP. |
| F4104BM | LVLSH | 4-BIT | QUAD LOW-TO-HIGH VOLTAGE TRANSLATOR | GEN. PURP. |
| F4700 SERIES | - | - | SEE 4700 SERIES | - |
| F6800CL | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B) | 6800 |
| F6800CP | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B) | 6800 |
| F6800L | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./1MHZ CLOCK | 6800 |
| F6800ML | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./1MHZ CLOCK | 6800 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|-------------------------|
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | M3857 | F3857PL |
| FAS | DIL-40/2P | NMOS | -55C/+125C | +5V/+12V | 1.17MXW | TTL | TTL | M3857 | F3857PM |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861ADC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861ADL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861ADM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861APC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861APL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861BDC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861BDL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861BDM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861BPC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861BPL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861CDC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861CDL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861CDM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861CPC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861CPL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | MK3861P | F3861DC |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861DDC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861DDL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861DDM |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | MK3861P | F3861DL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 1.17MXW | TTL | TTL | MK3861P | F3861DM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861DPC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861DPL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861EDC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861EDL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861EDM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861EPC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | | F3861EPL |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 1.17MXW | TTL | TTL | MK3861N | F3861PC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 1.17MXW | TTL | TTL | MK3861N | F3861PL |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 300TPMW | TTL | TTL | MK3870P | F3870DL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 300TPMW | TTL | TTL | MK3870P | F3870DM |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 300TPMW | TTL | TTL | MK3870P | F3870DC |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 300TPMW | TTL | TTL | MK3870N | F3870PC |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 300TPMW | TTL | TTL | MK3870N | F3870PL |
| FAS | DIL-40/2P | NMOS | -55C/+125C | +5V | 300TPMW | TTL | TTL | MK3870N | F3870PM |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3871DL | F3871DC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 270TPMW | TTL | TTL | F3871DM | F3871DL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 270TPMW | TTL | TTL | | F3871DM |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3871EDL | F3871EDC |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3871EDM | F3871EDL |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 270TPMW | TTL | TTL | F3871EDM | F3871EDL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 270TPMW | TTL | TTL | F3871EDM | F3871EDM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3871EPL | F3871EPC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 270TPMW | TTL | TTL | | F3871EPL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3871FDL | F3871FDC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 270TPMW | TTL | TTL | F3871FDM | F3871FDL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 270TPMW | TTL | TTL | | F3871FDM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3871FPL | F3871FPC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 270TPMW | TTL | TTL | | F3871FPL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3871GDL | F3871GDC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 270TPMW | TTL | TTL | F3871GDM | F3871GDL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 270TPMW | TTL | TTL | | F3871GDM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3871GPL | F3871GPC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 270TPMW | TTL | TTL | | F3871GPL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3871HDL | F3871HDC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 270TPMW | TTL | TTL | F3871HDL | F3871HDL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 270TPMW | TTL | TTL | | F3871HDM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3871HPL | F3871HPC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 270TPMW | TTL | TTL | | F3871HPL |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3871PL | F3871PC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 270TPMW | TTL | TTL | F3871DL | F3871PL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3899DL | F3899DC |
| FAS | DIL-40/2C | NMOS | -20C/+85C | +5V/+12V | 270TPMW | TTL | TTL | F3899DM | F3899DL |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V/+12V | 270TPMW | TTL | TTL | | F3899DM |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 270TPMW | TTL | TTL | F3899PL | F3899PC |
| FAS | DIL-40/2P | NMOS | -20C/+85C | +5V/+12V | 270TPMW | TTL | TTL | | F3899PL |
| FAS | DIL-16/1C | CMOS | -40C/+85C | +(5/15)V | 0.6MXMA | MOS | MOS/TS | MD4104BD | F4104BE |
| FAS | DIL-16/1C | CMOS | -55C/+125C | +(5/15)V | 0.6MXMA | MOS | MOS/TS | MD4104BD | F4104BM |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 1.2MXW | TTL | TTL/TS | S6800C | F4700 SERIES F6800CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 1.2MXW | TTL | TTL/TS | S6800 | F6800CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 500TPMW | TTL | TTL/TS | MC6800L | F6800L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 500MXMW | TTL | TTL/TS | | F6800ML |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| F6800P | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./1MHZ CLOCK | 6800 |
| F6802CL | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./WITH 6846 GIVES 2-CHIP SYSTEM | 6800 |
| F6802CP | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./WITH 6846 GIVES 2-CHIP SYSTM | 6802 |
| F6802L | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./WITH 6846 GIVES 2-CHIP SYSTM | 6802 |
| F6802ML | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./WITH 6846 GIVES 2-CHIP SYSTM | 6802 |
| F6802P | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./WITH 6846 GIVES 2-CHIP SYSTM | 6802 |
| F6809CL | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED 6800/EXTERNAL CLOCK/1MHZ | 6809 |
| F6809CP | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED 6800/EXTERNAL CLOCK/1MHZ | 6809 |
| F6809L | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED 6800/EXTERNAL CLOCK/1MHZ | 6809 |
| F6809ML | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED 6800/EXTERNAL CLOCK/1MHZ | 6809 |
| F6809P | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED 6800/EXTERNAL CLOCK/1MHZ | 6809 |
| F6810CL | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 45NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| F6810CP | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 45NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| F6810L | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 45NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| F6810ML | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 45NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| F6810P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 45NS/7 ADDRESS 6CS LINES | 6800 |
| F6810-1P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 35NS/7 ADDRESS 6CS LINES | 6800 |
| F6820(CER) | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAMILY (APP. B) | 6800 |
| F6820CL | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAM. (APP. B) | 6800 |
| F6820CP | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAM. (APP. B) | 6800 |
| F6820L | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAM. (APP. B) | 6800 |
| F6820ML | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAM. (APP. B) | 6800 |
| F6820P | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAM. (APP. B) | 6800 |
| F6820(PLS) | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAMILY (APP. B) | 6800 |
| F6821CL | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| F6821CP | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| F6821L | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| F6821ML | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| F6821P | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| F6840CL | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM. (APP. B)/1MHZ CLOCK FREQUENCY | 6800 |
| F6840CP | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM. (APP. B)/1MHZ CLOCK FREQUENCY | 6800 |
| F6840L | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM. (APP. B)/1MHZ CLOCK FREQUENCY | 6800 |
| F6840ML | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM. (APP. B)/1MHZ CLOCK FREQUENCY | 6800 |
| F6840P | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM. (APP. B) | 6800 |
| F6846CL | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/COMPLEMENTS 6802 MPU | 6800 |
| F6846CP | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/COMPLEMENTS 6802 MPU | 6800 |
| F6846L | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/COMPLEMENTS 6802 MPU | 6800 |
| F6846ML | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/COMPLEMENTS 6802 MPU | 6800 |
| F6846P | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/COMPLEMENTS 6802 MPU | 6802 |
| F6850CL | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER 6800 FAM. (APP. B) | 6800 |
| F6850CP | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER 6800 FAM. (APP. B) | 6800 |
| F6850L | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER 6800 FAM. (APP. B) | 6800 |
| F6850ML | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER 6800 FAM. (APP. B) | 6800 |
| F6850P | ACIA | 8-9BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER 6800 FAM. (APP. B) | 6800 |
| F6852CL | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSN. 6852 | 6800 |
| F6852CP | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSN. 6852 | 6800 |
| F6852L | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSN. 6852 | 6800 |
| F6852P | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSN. 6852 | 6800 |
| F6852ML | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSN. 6852 | 6800 |
| F6854CL | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| F6854CP | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| F6854L | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| F6854ML | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| F6854P | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| F6860CL | MODEM | 8-BIT | DIGITAL MODEM FOR 6800 FAM. (APP. B)/0-600BPS | 6800 |
| F6860CP | MODEM | 8-BIT | DIGITAL MODEM FOR 6800 FAM. (APP. B)/0-600BPS | 6800 |
| F6860L | MODEM | 8-BIT | DIGITAL MODEM FOR 6800 FAM. (APP. B)/0-600BPS | 6800 |
| F6860ML | MODEM | 8-BIT | DIGITAL MODEM FOR 6800 FAM. (APP. B)/0-600BPS | 6800 |
| F6860P | MODEM | 8-BIT | DIGITAL MODEM FOR 6800 FAM. (APP. B)/0-600BPS | 6800 |
| F10145ADC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 9NS/4 ADDRESS 1CS LINES | 10800 |
| F10145AFC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 9NS/4 ADDRESS 1CS LINES | 10800 |
| F10405DC | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 15NS/4X 3Y 3CS ADDRESS LINES | 10800 |
| F10405FC | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 15NS/4X 3Y 3CS ADDRESS LINES | 10800 |
| F10410DC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 30NS/4X 4Y 3CS ADDRESS LINES | 10800 |
| F10410FC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 30NS/4X 4Y 3CS ADDRESS LINES | 10800 |
| F10410PC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 30NS/4X 4Y 3CS ADDRESS LINES | 10800 |
| F10411DC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/4X 4Y 3CS ADDRESS LINES | 10800 |
| F10411FC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/4X 4Y 3CS ADDRESS LINES | 10800 |
| F10411PC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/4X 4Y 3CS ADDRESS LINES | 10800 |
| F10414DC | SRAM | 1-BIT | 256=256X1/MAX. 15NS | 10800 |
| F10415ADC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES | 10800 |
| F10415AFC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES | 10800 |
| F10415DC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | 10800 |
| F10415FC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | 10800 |
| F10416DC | PROM | 4-BIT | 1K=256X4/TYP. ACCESS 15NS/5X 3Y 1CS ADDRESS LINES | 10800 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|---------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 500TPMW | TTL | TTL/TS | MC6800P | F6800P |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 1.2MXW | TTL | TTL | MC6802L | F6802CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 1.2MXW | TTL | TTL | MC6802P | F6802CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 1.2MXW | TTL | TTL | MC6802L | F6802L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 1.2MXW | TTL | TTL | | F6802ML |
| MTA | DIL-40/2P | NMOS | 0C/+70C | +5V | 1.2MXW | TTL | TTL | MC6802P | F6802P |
| MTA | DIL-40/2C | NMOS | -40C/+85C | +5V | | TTL | TTL | F6809CP | F6809CL |
| MTA | DIL-40/2P | NMOS | -40C/+85C | +5V | | TTL | TTL | F6809CL | F6809CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | F6809ML | F6809L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | | TTL | TTL | | F6809ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | F6809P | F6809P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 80MXMA | TTL | TTL/TS | MCM6810CL | F6810CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 80MXMA | TTL | TTL/TS | MCM6810CP | F6810CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL/TS | MCM6810L | F6810L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 80MXMA | TTL | TTL/TS | | F6810ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL | S6810-1 | F6810P |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL | S6810-1 | F6810-1P |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 650MXMW | TTL | TTL/TS | MC6820L | F6820(CER) |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 650MXMW | TTL | TTL/TS | F6820CP | F6820CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 650MXMW | TTL | TTL/TS | F6820CP | F6820CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 650MXMW | TTL | TTL/TS | MC6820L | F6820L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 650MXMW | TTL | TTL/TS | MC6820L | F6820ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 650MXMW | TTL | TTL/TS | MC6820P | F6820P |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 650MXMW | TTL | TTL/TS | MC6820P | F6820(PLS) |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 550MXMW | TTL | TTL/TS | F68A21CL | F6821CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 550MXMW | TTL | TTL/TS | F68A21CP | F6821CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL/TS | MC6821L | F6821L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 550MXMW | TTL | TTL/TS | F68A21ML | F6821ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL/TS | MC6821P | F6821P |
| FAS | DIL-28/2C | NMOS | -40C/+85C | +5V | 550MXMW | TTL | TTL | F68A40CL | F6840CL |
| FAS | DIL-28/2P | NMOS | -40C/+85C | +5V | 550MXMW | TTL | TTL | F68A40CP | F6840CP |
| FAS | DIL-28/2C | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL | MC6840L | F6840L |
| FAS | DIL-28/2C | NMOS | -55C/+125C | +5V | 550MXMW | TTL | TTL | F68A40ML | F6840ML |
| FAS | DIL-28/2P | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL | MC6840 | F6840P |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | IMXW | TTL | TTL | F68A46CL | F6846CL |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | IMXW | TTL | TTL | F68A46CP | F6846CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | IMXW | TTL | TTL | MC6846L | F6846L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | IMXW | TTL | TTL | F68A46ML | F6846ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | IMXW | TTL | TTL | MC6846P | F6846P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 525MXMW | TTL | TTL/TS | MC6850CL | F6850CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 525MXMW | TTL | TTL/TS | MC6850CP | F6850CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC6850L | F6850L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 525MXMW | TTL | TTL/TS | MC6850L | F6850ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC6850L | F6850P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 525MXMW | TTL | TTL/TS | MC6852CL | F6852CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 525MXMW | TTL | TTL/TS | MC6852CP | F6852CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC6852L | F6852L |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC6852P | F6852P |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 525MXMW | TTL | TTL/TS | F68A52ML | F6852ML |
| FAS | DIL-28/2C | NMOS | -40C/+85C | +5V | 850MXMW | TTL | TTL | MC6854CL | F6854CL |
| FAS | DIL-28/2P | NMOS | -40C/+85C | +5V | 850MXMW | TTL | TTL | MC6854CP | F6854CP |
| FAS | DIL-28/2C | NMOS | 0C/+70C | +5V | 850MXMW | TTL | TTL | MC6854L | F6854L |
| FAS | DIL-28/2C | NMOS | -55C/+125C | +5V | 850MXMW | TTL | TTL | MC6854ML | F6854ML |
| FAS | DIL-28/2P | NMOS | 0C/+70C | +5V | 850MXMW | TTL | TTL | MC6854P | F6854P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 65MXMA | TTL | TTL | MC6860CL | F6860CL |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL | MC6860CP | F6860CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL | MC6860L | F6860L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 65MXMA | TTL | TTL | MC6860L | F6860ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL | MC6860P | F6860P |
| FAS | DIL-16/1C | ECLB | 0C/+75C | -5.2V | 130MXMA | ECL | ECL | SN10145J | F10145ADC |
| FAS | FLP-16/3C | ECLB | 0C/+75C | +5.2V | 130MXMA | ECL | ECL | | F10145AFC |
| FAS | DIL-16/1C | ECLB | 0C/+70C | -5.2V | 90TPMA | ECL | ECL | GXB10405F | F10405DC |
| FAS | FLP-16/3C | ECLB | 0C/+70C | -5.2V | 90TPMA | ECL | ECL | | F10405FC |
| FAS | DIL-16/1C | ECLB | 0C/+75C | -5.2V | 130MXMA | ECL | ECL | GXB10410E | F10410DC |
| FAS | FLP-16/3C | ECLB | 0C/+75C | -5.2V | 130MXMA | ECL | ECL | | F10410FC |
| FAS | DIL-16/1P | ECLB | 0C/+75C | -5.2V | 130MXMA | ECL | ECL | GXB10410B | F10410PC |
| FAS | DIL-16/1C | ECLB | 0C/+75C | -4.25V | 125MXMA | ECL | ECL | | F10411DC |
| FAS | FLP-16/3C | ECLB | 0C/+75C | -4.25V | 125MXMA | ECL | ECL | | F10411FC |
| FAS | DIL-16/1C | ECLB | 0C/+75C | -4.25V | 125MXMA | ECL | ECL | | F10411PC |
| FAS | DIL-16/1C | ECLB | 0C/+75C | -5.2V | | ECL | ECL/OE | | F10414DC |
| FAS | DIL-16/1C | ECLB | 0C/+75C | -5.2V | 150MXMA | ECL | ECL | GXB10415F | F10415ADC |
| FAS | FLP-16/3C | ECLB | 0C/+75C | -5.2V | 150MXMA | ECL | ECL | | F10415AFC |
| FAS | DIL-16/1C | ECLB | 0C/+75C | -5.2V | 150MXMA | ECL | ECL | GXB10475F | F10415DC |
| FAS | FLP-16/3C | ECLB | 0C/+75C | -5.2V | 150MXMA | ECL | ECL | F10415AFC | F10415FC |
| FAS | DIL-16/1C | ECLB | 0C/+75C | -5.2V | 500MXMW | ECL | ECL | | F10416DC |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| F10416FC | PROM | 4-BIT | 1K=256X4/TYP. ACCESS 15NS/ 5X 3Y 1CS ADDRESS LINES | 10800 |
| F10470DC | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 30NS | 10000 |
| F27081DC | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| F27081DL | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| F38501DC | CPU | 8-BIT | 1-CHIP CENTRAL PROCESSING UNIT FOR F8 FAM. | F8 |
| F38503DC | CPU | 8-BIT | 1-CHIP CENTRAL PROCESSING UNIT FOR F8 FAM. | F8 |
| F68308CL | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 2CS LINES | 6800 |
| F68308CP | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 2CS LINES | 6800 |
| F68308L | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 2CS LINES | 6800 |
| F68308ML | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 2CS LINES | 6800 |
| F68308P | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 2CS LINES | 6800 |
| F68316CL | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/11 ADDRESS 3CS LINES | 6800 |
| F68316CP | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/11 ADDRESS 3CS LINES | 6800 |
| F68316L | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/11 ADDRESS 3CS LINES | 6800 |
| F68316ML | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/11 ADDRESS 3CS LINES | 6800 |
| F68316P | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/11 ADDRESS 3CS LINES | 6800 |
| F68488CL | IFACE | 8-BIT | GENERAL PURPOSE INTERFACE ADAPTER (IEEE488 BUS TO 6800 BUS) | 6800 |
| F68488CP | IFACE | 8-BIT | GENERAL PURPOSE INTERFACE ADAPTER (IEEE488 BUS TO 6800 BUS) | 6800 |
| F68488L | IFACE | 8-BIT | GENERAL PURPOSE INTERFACE ADAPTER (IEEE488 BUS TO 6800 BUS) | 6800 |
| F68488ML | IFACE | 8-BIT | GENERAL PURPOSE INTERFACE ADAPTER (IEEE488 BUS TO 6800 BUS) | 6800 |
| F68488P | IFACE | 8-BIT | GENERAL PURPOSE INTERFACE ADAPTER (IEEE488 BUS TO MC6800 BUS) | 6800 |
| F100415DL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES | 10800 |
| F100415FL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES | 10800 |
| F100416DC | PROM | 1-BIT | 1K=1024X1/TYP. ACCESS 15NS/5X 3Y 1CS ADDRESS LINES | 10800 |
| F100416FC | PROM | 1-BIT | 1K=1024X1/TYP. ACCESS 15NS/5X 3Y 1CS ADDRESS LINES | 10800 |
| FD1771A | FLPDC | 8-BIT | FLOPPY DISK FORMATTER-CONTROLLER | 8080 |
| FD1771B | FLPDC | 8-BIT | FLOPPY-DISK FORMATTER/CONTROLLER | 8080 |
| GFB74148DP | CDCVCR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| GFB74181DP | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| GFC54148DC | CDCVCR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| GFC54181DC | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| GMB74LS181DP | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| GMC54LS181DC | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| GXB10139B | PROM | 8-BIT | 256=32X8/MAX. ACCESS 20NS/5 ADDRESS 1CE LINES | 10000 |
| GXB10139D | PROM | 8-BIT | 256=32X8/MAX. ACCESS 20NS/5 ADDRESS 1CE LINES | 10000 |
| GXB10139F | PROM | 8-BIT | 256=32X8/MAX. ACCESS 20NS/5 ADDRESS 1CE LINES | 10000 |
| GXB10140B | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 15NS/6 ADDRESS 20E LINES/90 OHM LOAD | 10000 |
| GXB10140D | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 15NS/6 ADDRESS 20E LINES/90 OHM LOAD | 10000 |
| GXB10140F | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 15NS/6 ADDRESS 20E LINES/90 OHM LOAD | 10000 |
| GXB10140P | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 15NS/6 ADDRESS 20E LINES/90 OHM LOAD | 10000 |
| GXB10142B | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 10NS/6 ADDRESS 2CE LINES/50 OHM LOAD | 10000 |
| GXB10142D | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 10NS/6 ADDRESS 2CE LINES/50 OHM LOAD | 10000 |
| GXB10142F | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 10NS/6 ADDRESS 2CE LINES/50 OHM LOAD | 10000 |
| GXB10142P | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 10NS/6 ADDRESS 2CE LINES/50 OHM LOAD | 10000 |
| GXB10144B | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 30NS/8 ADDRESS 3CE LINES | 10000 |
| GXB10144D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 30NS/8 ADDRESS 3CE LINES | 10000 |
| GXB10144E | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 30NS/8 ADDRESS 3CE LINES | 10000 |
| GXB10144F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 30NS/8 ADDRESS 3CE LINES | 10000 |
| GXB10145B | SRAM | 4-BIT | 64=16X4/4 ADDRESS 1CE LINES | 10000 |
| GXB10145D | SRAM | 4-BIT | 64=16X4/4 ADDRESS 1CE LINES | 10000 |
| GXB10145F | SRAM | 4-BIT | 64=16X4/4 ADDRESS 1CE LINES | 10000 |
| GXB10145P | SRAM | 4-BIT | 64=16X4/4 ADDRESS 1CE LINES | 10000 |
| GXB10146B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 7NS/5X 5Y 1CS ADDRESS LINES | 10000 |
| GXB10146F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 7NS/5X 5Y 1CS ADDRESS LINES | 10000 |
| GXB10147A | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 12NS/4X 3Y 2CE ADDRESS LINES | 10000 |
| GXB10148B | SRAM | 1-BIT | 64=64X1/50 OHM LOAD/MAX. ACCESS 15NS/6 ADDRESS 2CE LINES | 10000 |
| GXB10148D | SRAM | 1-BIT | 64=64X1/50 OHM LOAD/MAX. ACCESS 15NS/6 ADDRESS 2CE LINES | 10000 |
| GXB10148F | SRAM | 1-BIT | 64=64X1/50 OHM LOAD/MAX. ACCESS 15NS/6 ADDRESS 2CE LINES | 10000 |
| GXB10148P | SRAM | 1-BIT | 64=64X1/50 OHM LOAD/MAX. ACCESS 15NS/6 ADDRESS 2CE LINES | 10000 |
| GXB10149 | PROM | 4-BIT | 1K=256X4/TYP. ACCESS 12NS/5X 3Y 1CE ADDRESS LINES | 10000 |
| GXB10149B | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 20NS/8 ADDRESS 1CE LINES | 10000 |
| GXB10149D | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 20NS/8 ADDRESS 1CE LINES | 10000 |
| GXB10149E | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 20NS/8 ADDRESS 1CE LINES | 10000 |
| GXB10149F | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 20NS/8 ADDRESS 1CE LINES | 10000 |
| GXB10151B | SRAM | 1-BIT | 64=64X1 | 10000 |
| GXB10151F | SRAM | 1-BIT | 64=64X1 | 10000 |
| GXB10155B | CAM | 2-BIT | 16=8X2/MAX. ACCESS 13NS | 10000 |
| GXB10155E | CAM | 2-BIT | 16=8X2/MAX. ACCESS 13NS | 10000 |
| GXB10155F | CAM | 2-BIT | 16=8X2/MAX. ACCESS 13NS | 10000 |
| GXB10155N | CAM | 2-BIT | 16=8X2/MAX. ACCESS 13NS | 10000 |
| GXB10405B | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 15NS/7 ADDRESS 2CE LINES | 10000 |
| GXB10405E | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 15NS/7 ADDRESS 2CE LINES | 10000 |
| GXB10405F | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 15NS/7 ADDRESS 2CE LINES | 10000 |
| GXB10410B | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/8 ADDRESS 3CE LINES | 10000 |
| GXB10410E | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/8 ADDRESS 3CE LINES | 10000 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|-------------|----------------|
| FAS | FLP-16/3C | ECLB | 0C/+75C | -5.2V | 500MXMW | ECL | ECL | | F10416PC |
| FAS | DIL-18/1C | ECLB | 0C/+75C | -5.2V | 200TPMA | ECL | ECL | /OE- | F10470DC |
| FAS | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | TTL | TTL/TS | B2708-1 | F27081DC |
| FAS | DIL-24/2Q | NMOS | -40C/+85C | -5V/+5V/+12V | 800MXMW | TTL | TTL/TS | M2708-1 | F27081DL |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 700MXMW | TTL | TTL | M3850 | F38501DC |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 700MXMW | TTL | TTL | M3850 | F38503DC |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 130MXMW | TTL | TTL/TS | F68A308CL | F68308CL |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 130MXMW | TTL | TTL/TS | F68A308CP | F68308CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 130MXMW | TTL | TTL/TS | MCM68308L | F68308L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 130MXMW | TTL | TTL/TS | F68A308ML | F68308ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 130MXMW | TTL | TTL/TS | MCM68308P | F68308P |
| FAS | DIL-24/2C | NMOS | -40C/+85C | +5V | 120MXMA | TTL | TTL/TS | F68A316CL | F68316CL |
| FAS | DIL-24/2P | NMOS | -40C/+85C | +5V | 120MXMA | TTL | TTL/TS | MCM68A316AC | F68316CP |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | F68A316L | F68316L |
| FAS | DIL-24/2C | NMOS | -55C/+125C | +5V | 120MXMA | TTL | TTL/TS | F68A316ML | F68316ML |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | MCM68A316AP | F68316P |
| FAS | DIL-40/2C | NMOS | -40C/+85C | +5V | 600TPMW | TTL | TTL | F68488CP | F68488CL |
| FAS | DIL-40/2P | NMOS | -40C/+85C | +5V | 600TPMW | TTL | TTL | F68488CL | F68488CP |
| FAS | DIL-40/2C | NMOS | 0C/+70C | +5V | 600TPMW | TTL | TTL | MCM68488L | F68488L |
| FAS | DIL-40/2C | NMOS | -55C/+125C | +5V | 600TPMW | TTL | TTL | | F68488ML |
| FAS | DIL-40/2P | NMOS | 0C/+70C | +5V | 600TPMW | TTL | TTL | MC68488P | F68488P |
| FAS | DIL-16/1C | ECLB | 0C/+85C | -5.2V | 500MXMW | ECL | ECL | | F100415DL |
| FAS | FLP-16/3C | ECLB | 0C/+85C | -5.2V | 500MXMW | ECL | ECL | | F100415FL |
| FAS | DIL-16/1C | ECLB | 0C/+75C | -5.2V | 500MXMW | ECL | ECL | | F100416DC |
| FAS | FLP-16/3C | ECLB | 0C/+75C | -5.2V | 500MXMW | ECL | ECL | | F100416FC |
| WDC | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 30TPMA | TTL | TTL/TS | INS1771D-1 | FD1771A |
| WDC | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 30TPMA | TTL | TTL/TS | INS1771N-1 | FD1771B |
| THC | DIL-16/1P | TTLB | 0C/+70C | +5V | 190TPMW | TTL | TTL | SN74148N | GF74148DP |
| THC | DIL-24/2P | TTLB | 0C/+70C | +5V | 455TPMW | TTL | TTL/OC | AM74S181J | GF74181DP |
| THC | DIL-16/1C | TTLB | -55C/+125C | +5V | 190TPMW | TTL | TTL | SN54148JM | GF54148DC |
| THC | DIL-24/2C | LSTB | -55C/+125C | +5V | 35MXMA | TTL | TTL | AM54181J | GF54181DC |
| THC | DIL-24/2P | LSTB | 0C/+70C | +5V | 37MXMA | TTL | TTL | AM74LS181J | GMB74LS181DP |
| THC | DIL-24/2C | LSTB | -55C/+125C | +5V | 35MXMA | TTL | TTL | AM54LS181J | GMC54LS181DC |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 145MXMA | ECL | ECL/OE | SN10139J | GXB10139B |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 145MXMA | ECL | ECL/OE | SN10139J | GXB10139D |
| PHI | DIL-18/1C | ECLB | -30C/+85C | -5.2V | 145MXMA | ECL | ECL/OE | SN10139J | GXB10139F |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 80TPMA | ECL | ECL/OE | SN10140JE | GXB10140B |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 80TPMA | ECL | ECL/OE | SN10140JE | GXB10140D |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 80TPMA | ECL | ECL/OE | SN10140JE | GXB10140F |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 80TPMA | ECL | ECL/OE | SN10140J | GXB10140P |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 100MXMA | ECL | ECL/OE | SN10142J | GXB10142B |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 100MXMA | ECL | ECL/OE | SN10142J | GXB10142D |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 100MXMA | ECL | ECL/OE | SN10142J | GXB10142F |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 100MXMA | ECL | ECL/OE | SN10142J | GXB10142P |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 112MXMA | ECL | ECL/OE | SN10144J | GXB10144B |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 112MXMA | ECL | ECL/OE | SN10144J | GXB10144D |
| PHI | DIL-16/1M | ECLB | -30C/+85C | -5.2V | 112MXMA | ECL | ECL/OE | SN10144JE | GXB10144E |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 112MXMA | ECL | ECL/OE | SN10144J | GXB10144F |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 145MXMA | ECL | ECL/OE | F10145ADC | GXB10145B |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 145MXMA | ECL | ECL/OE | F10145ADC | GXB10145D |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 145MXMA | ECL | ECL/OE | F10145ADC | GXB10145F |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 145MXMA | ECL | ECL/OE | F10145ADC | GXB10145P |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 145MXMA | ECL | ECL/OE | F10145ADC | GXB10146B |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 145MXMA | ECL | ECL/OE | F10145ADC | GXB10146D |
| SIE | DIL-16/1C | ECLB | 0C/+85C | -5.2V | 100MXMA | -1.6/- .8V | -1.6/- .8V | SN10147AJ | GXB10147A |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 80TPMA | ECL | ECL/OE | uPB10148D | GXB10148B |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 80TPMA | ECL | ECL/OE | SN10148J | GXB10148D |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 80TPMA | ECL | ECL/OE | SN10148J | GXB10148F |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 80TPMA | ECL | ECL/OE | uPB10148D | GXB10148P |
| SIE | DIL-16/1C | ECLB | 0C/+85C | -5.2V | 110TPMA | -1.6/- .8V | -1.6/- .8V | MCM10149 | GXB10149 |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 150MXMA | ECL | ECL/OE | MCM10149 | GXB10149B |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 150MXMA | ECL | ECL/OE | MCM10149 | GXB10149D |
| PHI | DIL-16/1M | ECLB | -30C/+85C | -5.2V | 150MXMA | ECL | ECL/OE | MCM10149 | GXB10149E |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 150MXMA | ECL | ECL/OE | MCM10149 | GXB10149F |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 150MXMA | ECL | ECL/OE | MCM10149 | GXB10151B |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 140MXMA | ECL | ECL/OE | | GXB10151F |
| PHI | DIL-18/1P | ECLB | -30C/+85C | -5.2V | 140MXMA | ECL | ECL/OE | | GXB10155B |
| PHI | DIL-18/1M | ECLB | -30C/+85C | -5.2V | 140MXMA | ECL | ECL/OE | | GXB10155E |
| PHI | DIL-18/1C | ECLB | -55C/+125C | -5.2V | 140MXMA | ECL | ECL/OE | | GXB10155F |
| SIG | DIL-18/1P | ECLB | -30C/+85C | -5.2V | 140MXMA | ECL | ECL/OE | | GXB10155N |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 110MXMA | ECL | ECL/OE | F10405C | GXB10405B |
| PHI | DIL-16/1M | ECLB | -30C/+85C | -5.2V | 110MXMA | ECL | ECL/OE | F10405C | GXB10405E |
| PHI | DIL-16/1M | ECLB | -30C/+85C | -5.2V | 110MXMA | ECL | ECL/OE | F10405C | GXB10405F |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | 125MXMA | ECL | ECL/OE | F10410PC | GXB10410B |
| PHI | DIL-16/1M | ECLB | -30C/+85C | -5.2V | 125MXMA | ECL | ECL/OE | F10410DC | GXB10410E |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| GXB10410F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/8 ADDRESS 3CE LINES | 10000 |
| GXB10415B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 25NS/10 ADDRESS 1CE LINES | 10000 |
| GXB10415E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 25NS/10 ADDRESS 1CE LINES | 10000 |
| GXB10415F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 25NS/10 ADDRESS 1CE LINES | 10000 |
| GZF1400D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 550NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| GZF1400P | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 550NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| H1702A-2 | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 650NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| H1702AL | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1us/8 ADDRESS 1CS LINES | GEN. PURP. |
| H1702AL-2 | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 650NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| HD268T26 | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER | 6800 |
| HD268T26P | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER | 6800 |
| HD2912 | LVLSH | 4-BIT | QUAD TTL-TO-MOS CLOCK DRIVER/MAX. PROPAGATION DELAY 50NS | GEN. PURP. |
| HD2916 | LVLSH | 4-BIT | QUAD TTL-TO-MOS CLOCK DRIVERS/MAX. PROPAGATION DELAY 50NS | GEN. PURP. |
| HD2923 | LVLSH | 4-BIT | QUAD ECL-TO-TTL DRIVER/MAX. PROPAGATION DELAY 10NS | 10800 |
| HD3502 | SHFTR | . | 1K=4X256 DYNAMIC SHIFT REG./5MHZ CLOCK SPEED/QUAD-256 | GEN. PURP. |
| HD3502P | SHFTR | . | 1K=4X256 DYNAMIC SHIFT REG./5MHZ CLOCK SPEED/QUAD-256 | GEN. PURP. |
| HD3503 | SHFTR | 2-BIT | 1K=512X2/8MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |
| HD3503P | SHFTR | 2-BIT | 1K=512X2/8MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |
| HD3504 | SHFTR | 1-BIT | 1K=1024X1/8MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |
| HD3504P | SHFTR | 1-BIT | 1K=1024X1/8MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |
| HD3505 | SHFTR | . | 512-BIT DYNAMIC SHIFT REG./2MHZ CLOCK SPEED/SINGLE-512 | GEN. PURP. |
| HD3505P | SHFTR | . | 512-BIT DYNAMIC SHIFT REG./2MHZ CLOCK SPEED/SINGLE-512 | GEN. PURP. |
| HD3506 | SHFTR | . | DUAL 100-BIT DYNAMIC SHIFT REGISTER/2MHZ CLOCK | GEN. PURP. |
| HD3506P | SHFTR | . | DUAL 100-BIT DYNAMIC SHIFT REGISTER/2MHZ CLOCK | GEN. PURP. |
| HD3507 | SHFTR | . | DUAL 100-BIT DYNAMIC SHIFT REGISTER/2MHZ CLOCK | GEN. PURP. |
| HD3507P | SHFTR | . | DUAL 100-BIT DYNAMIC SHIFT REGISTER/2MHZ CLOCK | GEN. PURP. |
| HD3508 | SHFTR | . | QUAD 64-BIT DYNAMIC SHIFT REGISTERS/5MHZ CLOCK | GEN. PURP. |
| HD3508P | SHFTR | . | QUAD 64-BIT DYNAMIC SHIFT REGISTERS/5MHZ CLOCK | GEN. PURP. |
| HD3509 | SHFTR | . | DUAL 128-BIT DYNAMIC SHIFT REGISTER/5MHZ CLOCK/RECIRCULATE | GEN. PURP. |
| HD3509P | SHFTR | . | DUAL 128-BIT DYNAMIC SHIFT REGISTER/5MHZ CLOCK/RECIRCULATE | GEN. PURP. |
| HD3510 | SHFTR | . | 256-BIT DYNAMIC RECIRCULATE SHIFT REGISTER/2.5MHZ CLOCK | GEN. PURP. |
| HD3510P | SHFTR | . | 256-BIT DYNAMIC RECIRCULATE SHIFT REGISTER/2.5MHZ CLOCK | GEN. PURP. |
| HD26501 | CLOCK | . | 2-PHASE CLOCK GENERATOR-DRIVER | 6800 |
| HD35402P | RAMIO | 4-BIT | 320=4X20X4 RAM + 4-BIT OUTPUT PORT | 4004 |
| HD35403P | SHFTR | 10-BIT | SHIFT REGISTER. SERIAL INPUT. PARALLEL OUTPUT | 4004/4040 |
| HD35404 | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4004 FAMILY | 4004 |
| HD46503 | FLPDC | 8-BIT | FLOPPY DISK CONTROLLER/IBM3740 FORMAT | 6800 |
| HD46504 | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER | 6800 |
| HD46505 | CRTC | 8-BIT | CRT CONTROLLER | 6800 |
| HD46800 | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. | 6800 |
| HD46802 | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./WITH 6846 GIVES 2-CHIP SYSTM | 6802 |
| HD46820 | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAM. | 6800 |
| HD46821 | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| HD46850 | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER FOR 6800 FAM. | 6800 |
| HEF4720BD | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 550NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| HEF4720BP | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 550NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| HEF4720VBD | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 550NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| HEF4721BD | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| HEF4721BP | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| HEF4736BD | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS | GEN. PURP. |
| HEF4736BP | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS | GEN. PURP. |
| HM468A10 | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 68A00 | 6800 |
| HM468A10P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 68A00 | 6800 |
| HM2105 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/4X 4Y 3CS ADDR. LINES | GEN. PURP. |
| HM2106 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 15NS/5X 3Y 3CS ADDRESS LINES | GEN. PURP. |
| HM2110 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDR. LINES | 10800 |
| HM2110-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 25NS/5X 5Y 1CS ADDR. LINES | 10800 |
| HM2110-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 20NS/5X 5Y 1CS ADDR. LINES | 10800 |
| HM2112 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 7NS/5X 5Y 1CS ADDR. LINES | 10800 |
| HM2504 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 55NS/4X 4Y 3CS ADDR. LINES | GEN. PURP. |
| HM2504-1 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| HM2510 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDR. LINES | GEN. PURP. |
| HM2510-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDR. LINES | GEN. PURP. |
| HM2510-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| HM2511 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| HM2511-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDR. LINES | GEN. PURP. |
| HM4315P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/7X 5Y ADDRESS LINES/100uA STANDBY | GEN. PURP. |
| HM4704L-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 MUX. ADDR. 1CS LINES/33MW STANDBY | GEN. PURP. |
| HM4704L-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 MUX. ADDR. 1CS LINES/33MW STANDBY | GEN. PURP. |
| HM4704L-4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. ADDR. 1CS LINES/33MW STANDBY | GEN. PURP. |
| HM4704L-6 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 MUX. ADDR. 1CS LINES/27MW STANDBY | GEN. PURP. |
| HM4704-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. ADDR. 1CS LINES | GEN. PURP. |
| HM4710 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 100NS | GEN. PURP. |
| HM4711-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 130NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|----------------|----------------------|
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | 125MXMA | ECL | ECL/OE | F104100C | GXB10410F |
| PHI | DIL-16/1P | ECLB | -30C/+85C | -5.2V | | ECL | ECL/OE | GXB10415F | GXB10415B |
| PHI | DIL-16/1M | ECLB | -30C/+85C | -5.2V | | ECL | ECL/OE | GXB10415F | GXB10415E |
| PHI | DIL-16/1C | ECLB | -30C/+85C | -5.2V | | ECL | ECL/OE | GXB10415E | GXB10415F |
| PHI | DIL-16/1C | CMOS | -40C/+85C | +5V | | TTL | TTL | | GZF1400D |
| PHI | DIL-16/1P | CMOS | -40C/+85C | +5V | | TTL | TTL | | GZF1400P |
| INL | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 60MXMA | TTL | TTL/TS | MK3702-1T | H1702A-2 |
| INL | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 40MXMA | TTL | TTL/TS | MK3702-3T | H1702AL |
| INL | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 40MXMA | TTL | TTL/TS | MK3702-1T | H1702AL-2 |
| HIT | DIL-16/1C | STLB | 0C/+75C | +5V | 87MXMA | TTL | TTL/TS | MC8T26L (6880) | HD268T26 |
| HIT | DIL-16/1P | STLB | 0C/+75C | +5V | 87MXMA | TTL | 87MXMA | MC8T26P (6880) | HD268T26P |
| HIT | DIL-16/1C | BIP | 0C/+70C | -5V/+12V | 1TPW | TTL | NMOS | | HD2912 |
| HIT | DIL-16/1C | BIP | 0C/+70C | -5V/+12V | 2.4TPW | TTL | NMOS | | HD2916 |
| HIT | DIL- | STLB | -10C/+85C | -5.2V/+5V | 350MXMW | ECL | TTL | MC10125 | HD2923 |
| HIT | DIL-16/1C | PMOS | 0C/+70C | -9V/+5V | 25MXMA | TTL | MDS/TTL | C1402A | HD3502 |
| HIT | DIL-16/1P | PMOS | 0C/+70C | -9V/+5V | 25MXMA | TTL | MOS/TTL | P1402A | HD3502P |
| HIT | DIL-8/1C | PMOS | 0C/+70C | -5V/+5V | 125MXMW | TTL | TTL | 1403V | HD3503 |
| HIT | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | 125MXMW | TTL | TTL | 1403V | HD3503P |
| HIT | DIL-8/1C | PMOS | 0C/+70C | -5V/+5V | 125MXMW | TTL | TTL | 1404V | HD3504 |
| HIT | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | 125MXMW | TTL | TTL | 1404V | HD3504P |
| HIT | DIL-16/1C | PMOS | 0C/+70C | -9V/+5V | 40MXMA | TTL | TTL | | HD3505 |
| HIT | DIL-16/1P | PMOS | 0C/+70C | -9V/+5V | 40MXMA | TTL | TTL | | HD3505P |
| HIT | DIL-8/1C | PMOS | 0C/+70C | -5V/+5V | | MOS | MOS/OD | | HD3506 |
| HIT | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | | MOS | MOS/OD | | HD3506P |
| HIT | DIL-8/1C | PMOS | 0C/+70C | -5V/+5V | | MOS | MOS | | HD3507 |
| HIT | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | | MOS | MOS | | HD3507P |
| HIT | DIL-16/1C | PMOS | 0C/+70C | -5V/+5V | | MOS | MOS | | HD3508 |
| HIT | DIL-16/1C | PMOS | 0C/+70C | -5V/+5V | | MOS | MOS | | HD3508P |
| HIT | DIL-16/1C | PMOS | 0C/+70C | -5V/+5V | | MOS | MOS | | HD3509 |
| HIT | DIL-16/1P | PMOS | 0C/+70C | -5V/+5V | | MOS | MOS | | HD3509P |
| HIT | DIL-8/1C | PMOS | 0C/+70C | -5V/+5V | | MOS | MOS | | HD3510 |
| HIT | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | | MOS | MOS | | HD3510P |
| HIT | DIL-16/1C | STLB | 0C/+70C | +5V | 150MXMA | | | MC6875L | HD26501 |
| HIT | DIL-16/1P | PMOS | 0C/+70C | -10V/+5V | 33MXMA | TTL | TTL | D4002-1 | HD35402P |
| HIT | DIL-16/1P | PMOS | 0C/+70C | -10V/+5V | 8.5MXMA | TTL | TTL | P4003 | HD35403P |
| HIT | DIL-16/1C | PMOS | 0C/+70C | -10V/+5V | 600MXMW | TTL | TTL | D4004 | HD35404 |
| HIT | DIL-40/2C | NMOS | 0C/+70C | +5V | 400TPMW | TTL | TTL | MC6843L | HD46503 |
| HIT | DIL-40/2C | NMOS | 0C/+70C | +5V | 500TPMW | TTL | TTL | MC6844L | HD46504 |
| HIT | DIL-40/2C | NMOS | 0C/+70C | +5V | 600TPMW | TTL | TTL | MC6845L | HD46505 |
| HIT | DIL-40/2C | NMOS | -40C/+85C | +5V | 1MXW | TTL | TTL/TS | MC6800L | HD46800 |
| HIT | DIL-40/2C | NMOS | 0C/+70C | +5V | 1.2MXW | TTL | TTL | MC6802L | HD46802 |
| HIT | DIL-40/2C | NMOS | 0C/+70C | +5V | 650MXMW | TTL | TTL/TS | MC6820L | HD46820 |
| HIT | DIL-40/2C | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL/TS | MC6821L | HD46821 |
| HIT | DIL-24/2C | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC6850L | HD46850 |
| PHI | DIL-16/1C | CMOS | -40C/+85C | +5V | | TTL | TTL | 4720DC | HEF4720BD |
| PHI | DIL-16/1P | CMOS | -40C/+85C | +5V | | TTL | TTL | 4720PC | HEF4720BP |
| PHI | DIL-16/1C | CMOS | -40C/+85C | +5V | | TTL | TTL | 4720DM | HEF4720VBD |
| PHI | DIL-16/1P | CMOS | -40C/+85C | +5V | | TTL | TTL | 4720PC | HEF4720VBP |
| PHI | DIL-22/4C | CMOS | -40C/+85C | +5V | 27MXMA | TTL | TTL/TS | 4721DC | HEF4721BD |
| PHI | DIL-22/4P | CMOS | -40C/+85C | +5V | 27MXMA | TTL | TTL/TS | 4721PC | HEF4721BP |
| PHI | DIL-16/1C | CMOS | -40C/+85C | +5V | | TTL | TTL | 4736 | HEF4736BD |
| PHI | DIL-16/1P | CMOS | -40C/+85C | +5V | | TTL | TTL | 4736 | HEF4736BP |
| HIT | DIL-24/2C | NMOS | -20C/+75C | +5V | 70MXMA | TTL | TTL/TS | MCM68A10L | HM468A10 |
| HIT | DIL-24/2P | NMOS | -20C/+75C | +5V | 70MXMA | TTL | TTL/TS | MCM68A10P | HM468A10P |
| HIT | DIL-16/1C | ECL | 0C/+75C | -5.2V | 120MXMA | ECL | ECL | MCM10144L | HM2105 |
| MTA | DIL-16/1C | ECL | 0C/+75C | -5.2V | 120MXMA | ECL | ECL | MCM10152L | HM2106 |
| HIT | DIL-16/1C | ECL | 0C/+75C | -5.2V | 150MXMA | ECL | ECL | F10415ADC | HM2110 |
| HIT | DIL-16/1C | ECL | 0C/+75C | -5.2V | 150MXMA | ECL | ECL | GXB10415B | HM2110-1 |
| HIT | DIL-16/1C | ECL | 0C/+75C | -5.2V | 150MXMA | ECL | ECL | | HM2110-2 |
| HIT | DIL-16/1C | ECL | 0C/+75C | -5.2V | 200MXMA | ECL | ECL | | HM2112 |
| HIT | DIL-16/1C | BIP | 0C/+75C | +5V | 135MXMA | TTL | TTL/OC | 93411DC | HM2504 |
| HIT | DIL-16/1C | BIP | 0C/+75C | +5V | 135MXMA | TTL | TTL/OC | 93411ADC | HM2504-1 |
| HIT | DIL-16/1C | BIP | 0C/+75C | +5V | 155MXMA | TTL | TTL/OC | 93415DC | HM2510 |
| HIT | DIL-16/1C | BIP | 0C/+75C | +5V | 155MXMA | TTL | TTL/OC | 93415DC | HM2510-1 |
| HIT | DIL-16/1C | BIP | 0C/+75C | +5V | 155MXMA | TTL | TTL/OC | 93415ADC | HM2510-2 |
| HIT | DIL-16/1C | BIP | 0C/+75C | +5V | 155MXMA | TTL | TTL/TS | 93425ADC | HM2511 |
| HIT | DIL-16/1C | BIP | 0C/+75C | +5V | 155MXMA | TTL | TTL/TS | 93425ADC | HM2511-1 |
| HIT | DIL-18/1P | CMOS | 0C/+70C | +5V | 15MXMA | TL/CMOS | TTL/CMOS | | HM4315P |
| HIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | MK4027P-2 | HM4704L-2 |
| HIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | MK4027P-3 | HM4704L-3 |
| HIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | MK4027P-4 | HM4704L-4 |
| HIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 528MXMW | TTL | TTL/TS | ITT4027-6 | HM4704L-6 |
| HIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | MK4027P-2 | HM4704-2 |
| HIT | DIL-22/1C | NMOS | 0C/+75C | -5.2V/+5V/+12V | 600MXMW | TTL | TTL | | HM4710 |
| HIT | DIL-22/2C | NMOS | 0C/+75C | -5V/+5V/+12V | 792MXMW | TTL | TTL/TS | | HM4711-1 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| HM4711-2 | DRAM | 1-BIT | 4K=4096X1/MAX ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| HM4711-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| HM4716 | DRAM | 1-BIT | 16K=16384X1/MAX ACCESS 250NS/7 MUX ADDR LINES | GEN. PURP. |
| HM4716A-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX. ADDR LINES | GEN. PURP. |
| HM4716A-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX. ADDR. LINES | GEN. PURP. |
| HM4716A-4 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MUX ADDR LINES | GEN. PURP. |
| HM4716AP-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX ADDR. LINES | GEN. PURP. |
| HM4716AP-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX. ADDR. LINES | GEN. PURP. |
| HM4716AP-4 | DRAM | 1-BIT | 16K=16384X1/MAX ACCESS 250NS/7 MUX ADDR. LINES | GEN. PURP. |
| HM4816 | DRAM | 1-BIT | 16K=16384X1/MAX ACCESS 100NS/7 MUX. ADDRESS LINES/55MXMW STNDBY | GEN. PURP. |
| HM4847 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADD. LINES/AUTO POWER DOWN | GEN. PURP. |
| HM4847-2 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 45NS/6X 6Y 1CS ADD LINES/AUTO POWER DOWN | GEN. PURP. |
| HM4847-3 | SRAM | 1-BIT | 4K=4096X1/MAX ACCESS 55NS/6X 6Y 1CS ADD. LINES/AUTO POWER DOWN | GEN. PURP. |
| HM6147LP | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADD. LINES/5uW STANDBY | GEN. PURP. |
| HM6147LP-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 55NS/6X 6Y 1CS ADD. LINES/5uW STANDBY | GEN. PURP. |
| HM6147P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| HM6147P-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 55NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| HM46810 | SRAM | 8-BIT | 1K=128X8/MAX ACCESS450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| HM46810P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| HM435101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| HM435101P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| HM435101P-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| HM435101V | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| HM435101V | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| HM472114AP-1 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| HM472114AP-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| HM472114P-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| HM472114P-4 | SRAM | 4-BIT | 4K=1024X4/MAX ACCESS 400NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| HM472114-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| HM472114-4 | SRAM | 4-BIT | 4K=1024X4 MAX. ACCESS 400NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| HN35600P | MROM | 8-BIT | 256X8(=12X4)/MAX. ACCESS 930NS/4-BIT I-O PORT/MUX. SERIAL CNTRL | 4004/4040 |
| HN35800P | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 930NS/4 4-BIT I-O PORTS/MUX. SER. CONTROL | 4004/4040 |
| HN46532P-2 | MROM | 8-BIT | 32K=4096X8/MAX ACCESS 450NS/12 ADDRESS 2CS LINES | GEN. PURP. |
| HN46532P-3 | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 600NS/12 ADDRESS 2CS LINES | GEN. PURP. |
| HN46532-2 | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 480NS/12 ADDRESS 2CS LINES | GEN. PURP. |
| HN46532-3 | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 600NS/12 ADDRESS 2CS LINES | GEN. PURP. |
| HN46830 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 4CS LINES | 6800 |
| HN46830P | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 4CS LINES | 6800 |
| HN351702A | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS, 1CS LINES | GEN. PURP. |
| HN462316EP | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 3CS LINES | 8080 |
| HN462708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| HN462716 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 5Y 1CE ADDRESS LINES/POWER DOWN | 8085/8048 |
| HYB4060 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y ADDRESS 1CS LINES | GEN. PURP. |
| HYB4060A | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y ADDRESS 1CS LINES | GEN. PURP. |
| I4801 | CLOCK | . | CLOCK GENERATOR CRYSTAL/5.185MHZ/ AT-CUT FUNDAMENTAL | 4004-4040 |
| I8801 | CLOCK | . | CLOCK GENERATOR CRYSTAL FOR 8224-8080A/18.432MHZ/FUNDAMENTL MODE | |
| ICL8240CPE | CTC | . | PROGRAMMABLE TIMER-COUNTER/1RC TO 255RC | GEN. PURP. |
| ICL8240MDE | CTC | . | PROGRAMMABLE TIMER-COUNTER/1RC TO 255RC | GEN. PURP. |
| ICL8250CPE | CTC | . | PROGRAMMABLE TIMER-COUNTER/1RC TO 99RC | GEN. PURP. |
| ICL8250MDE | CTC | . | PROGRAMMABLE TIMER-COUNTER/1RC TO 99RC | GEN. PURP. |
| ICL8260CPE | CTC | . | PROGRAMMABLE TIMER-COUNTER/1RC TO 59RC | GEN. PURP. |
| ICL8260MDE | CTC | . | PROGRAMMABLE TIMER-COUNTER/1RC TO 59RC | GEN. PURP. |
| ICM7209IPA | CLOCK | 1-BIT | CLOCK GENERATOR/10MHZ/OSC + OSC DIVIDE-BY-8 OUTPUTS | GEN. PURP. |
| ICM7211AIPL | DSPLC | 4-BIT | 4-DIGIT NON-MUX. 7-SEGMENT DISPLAY DECODER DRIVER/LCD/MUX. I-P | GEN. PURP. |
| ICM7211AMIPL | DSPLC | 4-BIT | 4-DIGIT NON-MUX. 7-SEGMENT DISPLAY DECODER DRIVER/LCD/MIPROC I-P | GEN. PURP. |
| ICM7211IPL | DSPLC | 4-BIT | 4-DIGIT NON-MUX. 7-SEGMENT DISPLAY DECODER DRIVER/LCD/MUX I-P | GEN. PURP. |
| ICM7211MIPL | DSPLC | 4-BIT | 4-DIGIT NON-MUX. 7-SEGMENT DISPLAY DECODER DRIVER/LCD/MIPROC I-P | GEN. PURP. |
| ICM7212AIPL | DSPLC | 4-BIT | 4-DIGIT NON-MUX. 7-SEGMENT DISPLAY DECODER DRIVER/LED/MUX I-P | GEN. PURP. |
| ICM7212AMIPL | DSPLC | 4-BIT | 4-DIGIT NON-MUX. 7-SEGMENT DISPLAY DECODER DRIVER/LED/MIPROC I-P | GEN. PURP. |
| ICM7212IPL | DSPLC | 4-BIT | 4-DIGIT NON-MUX. 7-SEGMENT DISPLAY DECODER DRIVER/LED/MUX. I-P | GEN. PURP. |
| ICM7212MIPL | DSPLC | 4-BIT | 4-DIGIT NON-MUX. 7-SEGMENT DISPLAY DECODER DRIVER/LED/MIPROC I-P | GEN. PURP. |
| ICM7216AIP | CTC | 1-BIT | 10MHZ UNIV. COUNTER DRIVER FOR 7-8 SEG. LED/COM ANODE/PERIOD CTR | GEN. PURP. |
| ICM7216IPI | CTC | 1-BIT | 10MHZ UNIV. COUNTER DRIVER FOR 7-8 SEG. LED/COM CATH./PERIOD CTR | GEN. PURP. |
| ICM7216CIPI | CTC | 1-BIT | 10MHZ UNIV. COUNTER DRIVER FOR 7-8 SEG. LED/COM ANODE | GEN. PURP. |
| ICM7216CIPI | CTC | 1-BIT | 10MHZ UNIV. COUNTER DRIVER FOR 7-8 SEG. LED/COM CATH. | GEN. PURP. |
| ICM7217AIP | CTC | 4-BIT | 4-DIGIT UP-DOWN-COUNTER-DISPLAY DRIVER/MUX. 7-SEG. LED/COM CATH. | GEN. PURP. |
| ICM7217BIJ | CTC | 4-BIT | 4-DIGIT UP-DOWN-COUNTER-DISPLAY DRIVER/MUX. 7-SEG. LED/COM ANODE | GEN. PURP. |
| ICM7217CIPI | CTC | 4-BIT | 4-DIGIT UP-DOWN-COUNTER-DISPLAY DRIVER/MUX. 7-SEG. LED/COM CATH. | GEN. PURP. |
| ICM7217IJI | CTC | 4-BIT | 4-DIGIT UP-DOWN-COUNTER-DISPLAY DRIVER/MUX. 7-SEG. LED/COM ANODE | GEN. PURP. |
| ICM7218AIJI | DSPLC | . | UNIVERSAL 8-DIGIT LED DRIVER/COM ANODE | GEN. PURP. |
| ICM7218BIPI | DSPLC | . | UNIVERSAL 8-DIGIT LED DRIVER/COM CATH | GEN. PURP. |
| ICM7218CIJI | DSPLC | . | UNIVERSAL 8-DIGIT LED DRIVER/COM ANODE | GEN. PURP. |
| ICM7218DIPI | DSPLC | . | UNIVERSAL 8-DIGIT LED DRIVER/COM CATH. | GEN. PURP. |
| ICM7218EIDL | DSPLC | . | UNIVERSAL 8-DIGIT LED DRIVER/COM ANODE | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| HIT | DIL-22/2C | NMOS | 0C/+75C | -5V/+5V/+12V | 792MXMW | TTL | TTL/TS | | HM4711-2 |
| HIT | DIL-22/2C | NMOS | 0C/+75C | -5V/+5V/+12V | 792MXMW | TTL | TTL/TS | B2107B | HM4711-3 |
| HIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | MK4116P-4 | HM4716 |
| HIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 27MXMA | TTL | TTL/TS | MK4116P-2 | HM4716A-2 |
| HIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 27MXMA | TTL | TTL/TS | MK4116P-3 | HM4716A-3 |
| HIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 27MXMA | TTL | TTL/TS | MK4116P-4 | HM4716A-4 |
| HIT | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 27MXMA | TTL | TTL/TS | MK4116N-2 | HM4716AP-2 |
| HIT | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 27MXMA | TTL | TTL/TS | MK4116P-3 | HM4716AP-3 |
| HIT | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 27MXMA | TTL | TTL/TS | MK4116P-4 | HM4716AP-4 |
| HIT | DIL-16/1C | NMOS | 0C/+70C | +5V | 440MXMW | TTL | TTL | | HM4816 |
| HIT | DIL-18/1C | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | C2147L | HM4847 |
| HIT | DIL-18/1C | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL/TS | | HM4847-2 |
| HIT | DIL-18/1C | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL/TS | C2147L-3 | HM4847-3 |
| HIT | DIL-18/1P | CMOS | 0C/+70C | +5V | 12MXMA | TTL | TTL/TS | | HM6147LP |
| HIT | DIL-18/1P | CMOS | 0C/+70C | +5V | 12MXMA | TTL | TTL/TS | | HM6147LP-3 |
| HIT | DIL-18/1P | CMOS | 0C/+70C | +5V | 35MXMA | TTL | TTL/TS | D2147 | HM6147P |
| HIT | DIL-18/1P | CMOS | 0C/+70C | +5V | 35MXMA | TTL | TTL/TS | D2147-3 | HM6147P-3 |
| HIT | DIL-24/2C | NMOS | -20C/+75C | +5V | 70MXMA | TTL | TTL/TS | MCM6810L | HM46810 |
| HIT | DIL-24/2P | NMOS | -20C/+75C | +5V | 70MXMA | TTL | TTL/TS | MCM6810P | HM46810P |
| HIT | DIL-22/4C | CMOS | 0C/+70C | +5V | 27MXMA | TTL | TTL/TS | C5101L | HM435101 |
| HIT | DIL-22/4P | CMOS | 0C/+70C | +5V | 27MXMA | TTL | TTL/TS | P5101L | HM435101P |
| HIT | DIL-22/4P | CMOS | 0C/+70C | +5V | 27MXMA | TTL | TTL/TS | P5101L-1 | HM435101P-1 |
| HIT | DIL-22/4C | CMOS | -20C/+75C | +5V | 29MXMA | TTL | TTL/TS | C5101L | HM435101V |
| HIT | DIL-22/4P | CMOS | -20C/+75C | +5V | 29MXMA | TTL | TTL/TS | P5101L | HM435101VP |
| HIT | DIL-22/4C | NMOS | 0C/+70C | +5V | 27MXMA | TTL | TTL/TS | C5101L-1 | HM435101-1 |
| HIT | DIL-18/1P | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | P2114A-1 | HM472114AP-1 |
| HIT | DIL-18/1P | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | P2114A-2 | HM472114AP-2 |
| HIT | DIL-18/1P | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | P2114-3 | HM472114AP-3 |
| HIT | DIL-18/1P | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | P2114 | HM472114P-4 |
| HIT | DIL-18/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | C2114-3 | HM472114-3 |
| HIT | DIL-18/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | C2114 | HM472114-4 |
| HIT | DIL-16/1P | PMOS | 0C/+70C | -10V/+5V | 30MXMA | TTL | TTL | P4001 | HN35600P |
| HIT | DIL-28/2P | PMOS | 0C/+70C | -10V/+5V | 400MXMW | TTL | TTL | P4308 | HN35800P |
| HIT | DIL-28/2P | NMOS | -20C/+75C | +5V | 90MXMA | TTL | TTL | | HN46532P-2 |
| HIT | DIL-28/2P | NMOS | -20C/+75C | +5V | 90MXMA | TTL | TTL | | HN46532P-3 |
| HIT | DIL-28/2C | NMOS | -20C/+75C | +5V | 90MXMA | TTL | TTL | | HN46532-2 |
| HIT | DIL-28/2C | NMOS | -20C/+75C | +5V | 90MXMA | TTL | TTL | | HN46532-3 |
| HIT | DIL-24/2C | NMOS | 0C/+75C | +5V | 130MXMA | TTL | TTL/TS | MCM6830L | HN46830 |
| HIT | DIL-24/2P | NMOS | 0C/+75C | +5V | 130MXMA | TTL | TTL/TS | MCM6830L | HN46830P |
| HIT | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 450MXMW | TTL | TTL/TS | C1702A | HN351702A |
| HIT | DIL-24/2P | NMOS | -20C/+75C | +5V | 120MXMA | TTL | TTL/TS | D2316E | HN462316EP |
| HIT | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | TTL | TTL/TS | C2708 | HN462708 |
| HIT | DIL-24/2Q | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/TS | B2716 | HYB2716 |
| SIE | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 60MXMA | TTL | TTL/TS | D2107C-4 | HYB4060 |
| SIE | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 60MXMA | TTL | TTL/TS | D2107C-4 | HYB4060A |
| INL | METAL CAN | | -55C/+125C | | | | | | I4801 |
| INL | METAL CAN | | 0C/+70C | | | | | | I8801 |
| INS | DIL-16/1P | BIP | 0C/+75C | +5V | 7MXMA | TTL | TTL/OC | | ICL8240CPE |
| INS | DIL-16/1C | BIP | -55C/+125C | +5V | 6MXMA | TTL | TTL/OC | | ICL8240MDE |
| INS | DIL-16/1P | BIP | 0C/+75C | | 7MXMA | TTL | TTL/OC | | ICL8250CPE |
| INS | DIL-16/1C | BIP | -55C/+125C | +5V | 6MXMA | TTL | TTL/OC | | ICL8250MDE |
| INS | DIL-16/1P | BIP | 0C/+75C | +5V | 7MXMA | TTL | TTL/OC | | ICL8260CPE |
| INS | DIL-16/1C | BIP | -55C/+125C | +5V | 6MXMA | TTL | TTL/OC | | IC68260MDE |
| INS | DIL-8/1P | CMOS | -20C/+70C | +5V | 20MXMA | | TTL/CMOS | | ICM7209IPA |
| INS | DIL-40/2P | CMOS | -20C/+70C | +5V | 50MXMA | TTL | | | ICM7211AIPL |
| INS | DIL-40/2P | CMOS | -20C/+70C | +5V | 50MXMA | TTL | | | ICM7211AMIPL |
| INS | DIL-40/2P | CMOS | -20C/+70C | +5V | 50MXuA | TTL | | | ICM7211IPL |
| INS | DIL-40/2P | CMOS | -20C/+70C | +5V | 50MXuA | TTL | | | ICM7211MIPL |
| INS | DIL-40/2P | CMOS | -20C/+70C | +5V | 200TPMA | TTL | | | ICM7212AIPL |
| INS | DIL-40/2P | CMOS | -20C/+70C | +5V | 200TPMA | TTL | | | ICM7212AMIPL |
| INS | DIL-40/2P | CMOS | -20C/+70C | +5V | 200TPMA | TTL | | | ICM7212IPL |
| INS | DIL-40/2P | CMOS | -20C/+70C | +5V | 200TPMA | TTL | | | ICM7212MIPL |
| INS | DIL-28/2P | CMOS | -20C/+70C | +5V | | TTL | | | ICM7216AIP |
| INS | DIL-28/2P | CMOS | -20C/+70C | +5V | | TTL | | | ICM7216BIP |
| INS | DIL-28/2P | CMOS | -20C/+70C | +5V | | TTL | | | ICM7216CIPI |
| INS | DIL-28/2P | CMOS | -20C/+70C | +5V | | TTL | | | ICM7216DIPI |
| INS | DIL-28/2P | CMOS | -20C/+70C | +5V | 175MXMA | MANUAL TTL | TTL | | ICM7217AIP |
| INS | DIL-28/2C | CMOS | -20C/+70C | +5V | 175MXMA | MANUAL TTL | TTL | | ICM7217BIJI |
| INS | DIL-28/2P | CMOS | -20C/+70C | +5V | 175MXMA | MANUAL TTL | TTL | | ICM7217CIPI |
| INS | DIL-28/2C | CMOS | -20C/+70C | +5V | 175MXMA | MANUAL TTL | TTL | | ICM7217IJI |
| INS | DIL-28/2C | CMOS | -20C/+70C | +5V | | uP-BUS TTL | | | ICM7218AIJI |
| INS | DIL-28/2P | CMOS | -20C/+70C | +5V | | uP-BUS TTL | | | ICM7218BIP |
| INS | DIL-28/2C | CMOS | -20C/+70C | +5V | | MANUAL TTL | | | ICM7218CIJI |
| INS | DIL-28/2P | CMOS | -20C/+70C | +5V | | MANUAL TTL | | | ICM7218DIP |
| INS | DIL-40/2C | CMOS | -20C/+70C | +5V | | MANUAL TTL | | | ICM7218EIDL |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|-----------------|----------------|------------------|---|--------------------|
| ICM7227AIP | CTC | 4-BIT | 4-DIGIT UP-DOWN-COUNTER-DISPLAY DRIVER/MUX. 7-SEG. LED/COM CATH. | GEN. PURP. |
| ICM7227BIJI | CTC | 4-BIT | 4-DIGIT UP-DOWN-COUNTER-DISPLAY DRIVER/MUX. 7-SEG. LED/COM ANODE | GEN. PURP. |
| ICM7227CPI | CTC | 4-BIT | 4-DIGIT UP-DOWN-COUNTER-DISPLAY DRIVER/MUX. 7-SEG. LED/COM CATH. | GEN. PURP. |
| ICM7227IJI | CTC | 4-P*TT | 4-DIGIT UP-DOWN-COUNTER-DISPLAY DRIVER/MUX. 7-SEG. LED/COM ANODE | GEN. PURP. |
| ID2114 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| ID2114L | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| ID2114L-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | 4040 |
| ID2114-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| ID2708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| ID2716 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085-8080 |
| ID8035 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS ID8048 | 8048 |
| ID8035L | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS 8048/POWER DOWN | 8048 |
| ID8048 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1024X8 ROM/27 I-O LINES | 8048 |
| ID8085A | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.3us | 8085 |
| ID8155 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| ID8156 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE HIGH/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| ID8212 | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080-9080 FAM. | 8080-9080 |
| ID8216 | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/8080 DATA BUS BUFFER DRVR | 8080-9080 |
| ID8226 | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER | 8080-9080 |
| ID8243 | EXPPIO | 4-BIT | INPUT-OUTPUT EXPANDER/4 I-O PORTS AS EXTENSION FROM ONE I-O PORT | 8048 |
| ID8251 | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080 |
| ID8253 | PTM | . | PROGRAMMABLE INTERVAL TIMER/THREE 16-BIT COUNTERS/DC-2MHZ | 8080 |
| ID8255A | PIA | 8-BIT | PROG. I-O PORT FOR 8080 FAM. | 8080 |
| ID8259 | PINTC | 8-BIT | PROGRAMMABLE INTERRUPT CONTROLLER FOR 8085 | 8085 |
| ID8279 | KBDSC | 8-BIT | PROGRAMMABLE KEYBOARD DISPLAY INTERFACE FOR 8080 FAM. | 8080 |
| ID8355 | ROMIO | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8 ADDR.-DATA 2CE ADDR. LINES | 8048-8085 |
| ID8648 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1KX8 FACTRY-PROG. EPROM | 8048 |
| ID8708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| ID8748 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INTERNAL CPU-RAM-IO-EPROM/6MHZ INT. CLOCK | 8048 |
| ID8755A8 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8X 3Y 2CE ADDRESS LINES | 8048/8085 |
| IDM2901A-IDC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/16MHZ CLOCK/FASTER IDM2901ADC | 2900 |
| IDM2901A-IDM | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE 16MHZ CLOCK/FASTER IDM2901ADM | 2900 |
| IDM2901A-IDM883 | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/16MHZ CLOCK/FASTER IDM2901A/MIL STD | 2900 |
| IDM2901A-INC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/16MHZ CLOCK/FASTER IDM2901ANC | 2900 |
| IDM2901ADC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/16MHZ CLOCK | 2900 |
| IDM2901ADM | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/15MHZ CLOCK | 2900 |
| IDM2901ADM/883 | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/15MHZ CLOCK/MIL STD 883 | 2900 |
| IDM2901ANC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/16MHZ CLOCK | 2900 |
| IDM2902JC | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| IDM2902JM | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 22901 ALUS | 2900 |
| IDM2902JM883 | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| IDM2902NC | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| IDM2909ADC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| IDM2909ADM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| IDM2909ADM/883 | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| IDM2909ANC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| IDM2911ADC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| IDM2911ADM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| IDM2911ADM/883 | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| IDM2911ANC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| IDM29702JC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| IDM29702JM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| IDM29702JM/883 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4X 1CS ADDRESS LINES/INV./MIL STD 883 | 2900 |
| IDM29702NC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| IDM29703JC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| IDM29703JM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| IDM29703JM/883 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4X 1CS ADDRESS LINES/INV./MIL STD 883 | 2900 |
| IDM29703NC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| IDM29750JC | PROM | 8-BIT | 256=32X8/MAX. ACCESS 30NS/5 ADDRESS 1CS LINES | 2900 |
| IDM29750JM | PROM | 8-BIT | 256=32X8/MAX. ACCESS 40NS/5 ADDRESS 1CS LINES | 2900 |
| IDM29750JM/883 | PROM | 8-BIT | 256=32X8/MAX. ACCESS 40NS/5 ADDRESS 1CS LINES/MIL STD 883 | 2900 |
| IDM29750NC | PROM | 8-BIT | 256=32X8/MAX. ACCESS 30NS/5 ADDRESS 1CS LINES | 2900 |
| IDM29751JC | PROM | 8-BIT | 256=32X8/MAX. ACCESS 30NS/5 ADDRESS 1CS LINES | 2900 |
| IDM29751JM | PROM | 8-BIT | 256=32X8/MAX. ACCESS 40NS/5 ADDRESS 1CS LINES | 2900 |
| IDM29751JM/883 | PROM | 8-BIT | 256=32X8/MAX. ACCESS 40NS/5 ADDRESS 1CS LINES/MIL STD 883 | 2900 |
| IDM29751NC | PROM | 8-BIT | 256=32X8/MAX. ACCESS 30NS/5 ADDRESS 1CS LINES | 2900 |
| IDM29760JC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/5X 3Y 2CS ADDRESS LINES | 2900 |
| IDM29760JM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | 2900 |
| IDM29760JM/883 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES/MIL STD 883 | 2900 |
| IDM29760NC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/5X 3Y 2CS ADDRESS LINES | 2900 |
| IDM29761JC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/5X 3Y 2CS ADDRESS LINES | 2900 |
| IDM29761JM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | 2900 |
| IDM29761JM/883 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS 5X 3Y 2CS ADDRESS LINES/MIL STD 883 | 2900 |
| IDM29761NC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS 5X 3Y 2CS ADDRESS LINES | 2900 |
| IDM29803DC | SPECL | | 16-WAY BRANCH CONTROL UNIT FOR 2909(2911)/16 INSTNS./4 TEST LINE | 2900 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|-----------------|
| INS | DIL-28/2P | CMOS | -20C/+70C | . . . +5V | 175MXMA | UP-BUS TTL | . TTL | . . . | ICM7227AIP |
| INS | DIL-28/2C | CMOS | -20C/+70C | . . . +5V | 175MXMA | UP-BUS TTL | . TTL | . . . | ICM7227BIJ |
| INS | DIL-28/2P | CMOS | 0C/+70C | . . . +5V | 175MXMA | UP-BUS TTL | . TTL | . . . | ICM7227CIP |
| INS | DIL-28/2C | CMOS | -20C/+70C | . . . +5V | 175MXMA | UP-BUS TTL | . TTL | . . . | ICM7227IJI |
| INL | DIL-18/1C | NMOS | -40C/+85C | . . . +5V | 120MXMA | . TTL | TTL/TS | . . . | ID2114 |
| INL | DIL-18/1C | NMOS | -40C/+85C | . . . +5V | 65MXMA | . TTL | TTL/TS | . . . | ID2114L |
| INL | DIL-18/1C | NMOS | -40C/+85C | . . . +5V | 65MXMA | . TTL | TTL/TS | . . . | ID2114L-3 |
| INL | DIL-18/1C | NMOS | -40C/+85C | . . . +5V | 120MXMA | . TTL | TTL/TS | . . . | ID2114-3 |
| INL | DIL-24/2Q | NMOS | -40C/+85C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | . . . | ID2708 |
| INL | DIL-24/2Q | NMOS | -40C/+85C | . . . +5V | 603MXMW | . TTL | TTL/TS | . . . | ID2716 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 180MXMA | . TTL | . TTL | . . . | ID8035 |
| INL | DIL-40/2C | NMOS | -40C/+85C | . . . +5V | 180MXMA | . TTL | . TTL | MD8035L | ID8035L |
| INL | DIL-40/2C | NMOS | -40C/+85C | . . . +5V | 180MXMW | . TTL | . TTL | . . . | ID8048 |
| INL | DIL-40/2C | NMOS | -40C/+85C | . . . +5V | 170MXMA | . TTL | . TTL | MD8085A | ID8085A |
| INL | DIL-40/2C | NMOS | -55C/+80C | . . . +5V | 180MXMA | . TTL | . TTL | MD8155 | ID8155 |
| INL | DIL-40/2C | NMOS | -55C/+80C | . . . +5V | 180MXMA | . TTL | . TTL | . . . | ID8156 |
| INL | DIL-24/2C | TTLB | -40C/+80C | . . . +5V | 130MXMA | . TTL | TTL/TS | MD8212 | ID8212 |
| INL | DIL-16/1C | STLB | -40C/+85C | . . . +5V | 375MXMW | . TTL | TTL/TS | MD8216 | ID8216 |
| INL | DIL-16/1C | STLB | -40C/+85C | . . . +5V | 375MXMW | . TTL | TTL/TS | MD8226 | ID8226 |
| INL | DIL-24/2C | NMOS | -40C/+85C | . . . +5V | 40MXMA | . TTL | . TTL | . . . | ID8243 |
| INL | DIL-28/2C | NMOS | -40C/+85C | . . . +5V | 80MXMA | . TTL | . TTL | MD8251 | ID8251 |
| INL | DIL-24/2C | NMOS | -40C/+85C | . . . +5V | 85MXMA | . TTL | . TTL | . . . | ID8253 |
| INL | DIL-40/2C | NMOS | -40C/+85C | . . . +5V | 120MXMA | . TTL | . TTL | MD8255A | ID8255A |
| INL | DIL-28/2C | NMOS | -40C/+85C | . . . +5V | 85MXMA | . TTL | . TTL | MD8259 | ID8259 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 180MXMA | . TTL | . TTL | . . . | ID8279 |
| INL | DIL-40/2C | NMOS | -40C/+85C | . . . +5V | 180MXMA | . TTL | . TTL | . . . | ID8355 |
| INL | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 135MXMA | . TTL | . TTL | . . . | ID8648 |
| INL | DIL-24/2Q | NMOS | -40C/+85C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | . . . | ID8708 |
| INL | DIL-40/2C | NMOS | -40C/+85C | . . . +5V | 1MXW | . TTL | . TTL | MD8748 | ID8748 |
| INL | DIL-40/2Q | NMOS | -40C/+85C | . . . +5V | 180MXMA | . TTL | . TTL | . . . | ID8755A8 |
| NAT | DIL-40/2C | LSTB | 0C/+70C | . . . +5V | 260MXMA | . TTL | TTL/TS | . . . | IDM2901A-1DC |
| NAT | DIL-40/2C | LSTB | 0C/+70C | . . . +5V | 275MXMA | . TTL | TTL/TS | . . . | IDM2901A-1DM |
| NAT | DIL-40/2C | LSTB | 0C/+70C | . . . +5V | 275MXMA | . TTL | TTL/TS | . . . | IDM2901A-1DM883 |
| NAT | DIL-40/2P | LSTB | 0C/+70C | . . . +5V | 260MXMA | . TTL | TTL/TS | . . . | IDM2901A-1NC |
| NAT | DIL-40/2C | LSTB | 0C/+70C | . . . +5V | 260MXMA | . TTL | TTL/TS | AM2901ALC | IDM2901ADC |
| NAT | DIL-40/2C | LSTB | -55C/+125C | . . . +5V | 275MXMA | . TTL | TTL/TS | AM2901ALM | IDM2901ADM |
| NAT | DIL-40/2C | LSTB | -55C/+125C | . . . +5V | 275MXMA | . TTL | TTL/TS | . . . | IDM2901ADM/883 |
| NAT | DIL-40/2P | LSTB | 0C/+70C | . . . +5V | 260MXMA | . TTL | TTL/TS | AM2901APC | IDM2901ANC |
| NAT | DIL-16/1C | BIP | 0C/+70C | . . . +5V | 94MXMA | . TTL | . TTL | AM2902DC | IDM2902JC |
| NAT | DIL-16/1C | BIP | -55C/+125C | . . . +5V | 99MXMA | . TTL | . TTL | AM2902DM | IDM2902JM |
| NAT | DIL-16/1C | BIP | -55C/+125C | . . . +5V | 99MXMA | . TTL | . TTL | . . . | IDM2902JM883 |
| NAT | DIL-16/1P | BIP | 0C/+70C | . . . +5V | 94MXMA | . TTL | . TTL | AM2902PC | IDM2902NC |
| NAT | DIL-28/2C | TTLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2909DC | IDM2909ADC |
| NAT | DIL-28/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2909DM | IDM2909ADM |
| NAT | DIL-28/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | IDM2909ADM/883 |
| NAT | DIL-28/2P | TTLB | 0C/+70C | . . . +5V | TTL/TS | . TTL | TTL/TS | AM2909PC | IDM2909ANC |
| NAT | DIL-20/2C | TTLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2911DC | IDM2911ADC |
| NAT | DIL-20/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2911DM | IDM2911ADM |
| NAT | DIL-20/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | IDM2911ADM/883 |
| NAT | DIL-20/2P | TTLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2911PC | IDM2911ANC |
| NAT | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/OC | AM29702DG | IDM29702JC |
| NAT | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/OC | AM29702DM | IDM29702JM |
| NAT | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/OC | . . . | IDM29702JM/883 |
| NAT | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/OC | AM29702PC | IDM29702NC |
| NAT | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 105MXMA | . TTL | TTL/TS | AM29703DC | IDM29703JC |
| NAT | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 105MXMA | . TTL | TTL/TS | AM29703DM | IDM29703JM |
| NAT | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 105MXMA | . TTL | TTL/TS | . . . | IDM29703JM/883 |
| NAT | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 105MXMA | . TTL | TTL/TS | AM29703PC | IDM29703NC |
| NAT | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/OC | AM29750DC | IDM29750JC |
| NAT | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/OC | AM29750DM | IDM29750JM |
| NAT | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/OC | . . . | IDM29750JM/883 |
| NAT | DIL-16/1P | STLB | 0C/+55C | . . . +5V | 110MXMA | . TTL | TTL/OC | AM29750DC | IDM29750NC |
| NAT | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | AM29751DC | IDM29751JC |
| NAT | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/TS | . . . | IDM29751JM |
| NAT | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/TS | . . . | IDM29751JM/883 |
| NAT | DIL-16/1P | STLB | 0C/+55C | . . . +5V | 110MXMA | . TTL | TTL/TS | AM29751NC | IDM29751NC |
| NAT | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/OC | AM29760DC | IDM29760JC |
| NAT | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | AM29760DM | IDM29760JM |
| NAT | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | IDM29760JM/883 |
| NAT | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/OC | AM29760DC | IDM29760NC |
| NAT | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM29761DC | IDM29761JC |
| NAT | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM29761DM | IDM29761JM |
| NAT | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | IDM29761JM/883 |
| NAT | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM29761DC | IDM29761NC |
| NAT | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 130MXMA | . TTL | . TTL | AM29803DC | IDM29803DC |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|-----------------|----------------|------------------|---|--------------------|
| IDM29803DM | SPECL | . | 16-WAY BRANCH CONTROL UNIT FOR 2909(2911)/16 INSTNS./4 TEST LINE | 2900 |
| IDM29803DM/883 | SPECL | . | 16-WAY BRANCH CONTROL UNIT FOR 2909(2911)/16 INSTNS./MIL STD 883 | 2900 |
| IDM29803NC | SPECL | . | 16-WAY BRANCH CONTROL UNIT FOR 2909(2911)/16 INSTNS./4 TEST LINE | 2900 |
| IDM29811JC | SPECL | . | NEXT ADDRESS CONTROL UNIT FOR IDM2911 | 2900 |
| IDM29811JM | SPECL | . | NEXT ADDRESS CONTROL UNIT FOR IDM2911 | 2900 |
| IDM29811JM/883 | SPECL | . | NEXT ADDRESS CONTROL UNIT FOR IDM2911/MIL STD 883 | 2900 |
| IDM29811NC | SPECL | . | NEXT ADDRESS CONTROL UNIT FOR IDM2911 | 2900 |
| IDM29901JC | REGR | 8-BIT | OCTAL EDGE-TRIGG. FLIP-FLOP REGISTER | 2900 |
| IDM29901JM | REGR | 8-BIT | OCTAL EDGE TRIGG. FLIP-FLOP REGISTER | 2900 |
| IDM29901JM/883 | REGR | 8-BIT | OCTAL EDGE-TRIGG. FLIP-FLOP REGISTER/MIL STD 883 | 2900 |
| IDM29901NC | REGR | 8-BIT | OCTAL EDGE-TRIGG. FLIP-FLOP REGISTER | 2900 |
| IDM29902JC | SPECL | 8-BIT | PRIORITY ENCODER/8 DATA LINES TO 3 BINARY(OCTAL) | 2900 |
| IDM29902JM | SPECL | 8-BIT | PRIORITY ENCODER/8 DATA LINES TO 3 BINARY(OCTAL) | 2900 |
| IDM29902JM/883 | SPECL | 8-BIT | PRIORITY ENCODER/8 DATA LINES TO 3 BINARY(OCTAL)/MIL STD 883 | 2900 |
| IDM29902NC | SPECL | 8-BIT | PRIORITY ENCODER/8 DATA LINES TO 3 BINARY(OCTAL) | 2900 |
| IDM29903JC | DREGR | 4-BIT | 64=16X4 EDGE-TRIGG. FLIP-FLOP D-REGISTER | 2900 |
| IDM29903NC | DREGR | 4-BIT | 64=16X4 EDGE-TRIGG FLIP-FLOP D-REGISTER | 2900 |
| IDM29908JC | REGR | 4-BIT | QUAD GATED FLIP-FLOP/+VE EDGE-TRIGG. | 2900 |
| IDM29908JM | REGR | 4-BIT | QUAD GATED FLIP-FLOP/+VE EDGE-TRIGG. | 2900 |
| IDM29908JM/883 | REGR | 4-BIT | QUAD GATED FLIP-FLOP/+VE EDGE-TRIGG./MIL STD 883 | 2900 |
| IDM29908NC | REGR | 4-BIT | QUAD GATED FLIP-FLOP/+VE EDGE-TRIGG. | 2900 |
| IM80C49IDL | MICMP | 8-BIT | CMOS VERSION OF D8049 1-CHIP MICROCOMPUTER/2KX8 ROM/128X8 RAM | 8048 |
| IM80C49JL | MICMP | 8-BIT | CMOS VERSION OF D4089 1-CHIP MICROCOMPUTER/2KX8 ROM/128X8 RAM | 8048 |
| IM82C43IDG | EXPIO | 4-BIT | CMOS VERSION OF D8243 INPUT-OUTPUT EXPANDER FOR 8748 AND 8741 | 8048 |
| IM82C43JG | EXPIO | 4-BIT | CMOS VERSION OF D8243 INPUT-OUTPUT EXPANDER FOR 8748 AND 8741 | 8048 |
| IM82C43IPG | EXPIO | 4-BIT | CMOS VERSION OF D8243 INPUT-OUTPUT EXPANDER FOR 8748 AND 8741 | 8048 |
| IM87C41IDL | MICMP | 8-BIT | CMOS VERSION OF C8741 1-CHIP PROGRAM. PERIPH. INTERFACE MICROCOMP | 8048 |
| IM87C41JL | MICMP | 8-BIT | CMOS VERSION OF C8741 1-CHIP PROGRAM. PERIPH. INTERFACE MICROCOMP | 8048 |
| IM87C48IDL | MICMP | 8-BIT | CMOS VERSION OF B8748 1-CHIP MICROCOMPUTER | 8048 |
| IM87C48JL | MICMP | 8-BIT | CMOS VERSION OF B8748 1-CHIP MICROCOMPUTER | 8048 |
| IM2114CJN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114CPN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114L2CPN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114L2CJN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114L2MJN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114L2MJN883B | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114L3CJN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114L3CPN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114L3MJN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114LCPN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114LCJN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114LMJN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114LMJN/883B | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114-2CJN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114-2CPN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114-3CPN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM2114-3CJN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM4116-2CDE | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| IM4116-2CJE | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| IM4116-2CPE | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| IM4116-3CDE | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| IM4116-3CJE | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| IM4116-3CPE | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| IM4116-4CDE | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| IM4116-4CJE | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| IM4116-4CPE | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| IM5200CJG | FPLA | | 14-INPUT 8-OUTPUT FIELD PROGRAMMABLE LOGIC ARRAY | GEN. PURP. |
| IM5600CDE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 65NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5600CFE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 65NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5600CJE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 65NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5600CPE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 65NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5600CDE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 65NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5600OME | PROM | 8-BIT | 256=32X8/MAX. ACCESS 75NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5600MFE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 75NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5600MJE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 75NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5603CDE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5603CFE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5603CJE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5603CPE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5603MDE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5603MFE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5603MJE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5604CDE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 80NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5604CFE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 80NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5604CJE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 80NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5604CPE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 80NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|-------------|----------------------|
| NAT | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 130MXMA | . TTL | . TTL | AM29803DM | IDM29803DM |
| NAT | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 130MXMA | . TTL | . TTL | | IDM29803DM/883 |
| NAT | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 130MXMA | . TTL | . TTL | AM29803PC | IDM29803NC |
| NAT | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 110MXMA | . TTL | . TTL | AM298110C | IDM29811JC |
| NAT | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 110MXMA | . TTL | . TTL | AM298110M | IDM29811JM |
| NAT | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 110MXMA | . TTL | . TTL | | IDM29811JM/883 |
| NAT | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 110MXMA | . TTL | . TTL | AM29811PC | IDM29811NC |
| NAT | DIL-20/1C | TTLB | 0C/+70C | . . . +5V | 45MXMA | . TTL | TTL/TS | | IDM29901JC |
| NAT | DIL-20/1C | TTLB | -55C/+125C | . . . +5V | 45MXMA | . TTL | TTL/TS | | IDM29901JM |
| NAT | DIL-20/1C | TTLB | -55C/+125C | . . . +5V | 45MXMA | . TTL | TTL/TS | | IDM29901JM/883 |
| NAT | DIL-20/1P | TTLB | 0C/+70C | . . . +5V | 45MXMA | . TTL | TTL/TS | | IDM29901NC |
| NAT | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | 60MXMA | . TTL | . TTL | | IDM29902JC |
| NAT | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 60MXMA | . TTL | . TTL | | IDM29902JM |
| NAT | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 60MXMA | . TTL | . TTL | | IDM29902JM/883 |
| NAT | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 60MXMA | . TTL | . TTL | | IDM29902NC |
| NAT | DIL-18/1C | TTLB | 0C/+75C | . . . +5V | 100MXMA | . TTL | TTL/TS | | IDM29903JC |
| NAT | DIL-18/1P | TTLB | 0C/+70C | . . . +5V | 100MXMA | . TTL | TTL/TS | | IDM29903NC |
| NAT | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | 76MXMA | . TTL | . TTL | | IDM29908JC |
| NAT | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 76MXMA | . TTL | . TTL | | IDM29908JM |
| NAT | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 76MXMA | . TTL | . TTL | | IDM29908JM/883 |
| NAT | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 76MXMA | . TTL | . TTL | | IDM29908NC |
| INS | DIL-40/2C | CMOS | -40C/+85C | . . . +5V | 10MXMA | . TTL | . TTL | | IM80C49JDL |
| INS | DIL-40/2P | CMOS | -40C/+85C | . . . +5V | 10MXMA | . TTL | . TTL | | IM80C49TJL |
| INS | DIL-24/2C | CMOS | -40C/+85C | . . . +5V | 25TPMW | . TTL | . TTL | | IM82C43JDG |
| INS | DIL-24/2C | CMOS | -40C/+85C | . . . +5V | 25TPMW | . TTL | . TTL | | IM82C43JG |
| INS | DIL-24/2P | CMOS | -40C/+85C | . . . +5V | 25TPMW | . TTL | . TTL | | IM82C43IPG |
| INS | DIL-40/2C | CMOS | -40C/+85C | . . . +5V | 50MXMW | . TTL | . TTL | | IM87C41JDL |
| INS | DIL-40/2C | CMOS | -40C/+85C | . . . +5V | 50MXMW | . TTL | . TTL | | IM87C41JL |
| INS | DIL-40/2C | CMOS | -40C/+85C | . . . +5V | 50MXMW | . TTL | . TTL | | IM87C48JDL |
| INS | DIL-40/2C | CMOS | -40C/+85C | . . . +5V | 50MXMW | . TTL | . TTL | | IM87C48JL |
| INS | DIL-18/1C | NMOS | 0C/+75C | . . . +5V | 90MXMA | . TTL | TTL/TS | D2114 | IM2114CJN |
| INS | DIL-18/1P | NMOS | 0C/+75C | . . . +5V | 90MXMA | . TTL | TTL/TS | P2114 | IM2114CPN |
| INS | DIL-18/1P | NMOS | 0C/+75C | . . . +5V | 65MXMA | . TTL | TTL/TS | P2114L2 | IM2114L2CPN |
| INS | DIL-18/1C | NMOS | 0C/+75C | . . . +5V | 65MXMA | . TTL | TTL/TS | D2114L-2 | IM2114L2CJN |
| INS | DIL-18/1C | NMOS | -55C/+125C | . . . +5V | 65MXMA | . TTL | TTL/TS | | IM2114L2MJN |
| INS | DIL-18/1C | NMOS | -55C/+125C | . . . +5V | 65MXMA | . TTL | TTL/TS | | IM2114L2MJN883B |
| INS | DIL-18/1C | NMOS | 0C/+75C | . . . +5V | 65MXMA | . TTL | TTL/TS | D2114L-3 | IM2114L3CJN |
| INS | DIL-18/1P | NMOS | 0C/+75C | . . . +5V | 65MXMA | . TTL | TTL/TS | P2114L3 | IM2114L3CPN |
| INS | DIL-18/1C | NMOS | -55C/+125C | . . . +5V | 65MXMA | . TTL | TTL/TS | M2114L-3 | IM2114L3MJN |
| INS | DIL-18/1P | NMOS | 0C/+75C | . . . +5V | 65MXMA | . TTL | TTL/TS | P2114L | IM2114LCPN |
| INS | DIL-18/1C | NMOS | 0C/+75C | . . . +5V | 65MXMA | . TTL | TTL/TS | D2114L | IM2114L3CJN |
| INS | DIL-18/1C | NMOS | -55C/+125C | . . . +5V | 65MXMA | . TTL | TTL/TS | D2114L | IM2114LMJN |
| INS | DIL-18/1C | NMOS | -55C/+125C | . . . +5V | 65MXMA | . TTL | TTL/TS | | IM2114LMJN/883B |
| INS | DIL-18/1C | NMOS | 0C/+75C | . . . +5V | 90MXMA | . TTL | TTL/TS | C2114-2 | IM2114-2CJN |
| INS | DIL-18/1P | NMOS | 0C/+75C | . . . +5V | 90MXMA | . TTL | TTL/TS | P2114-2 | IM2114-2CPN |
| INS | DIL-18/1P | NMOS | 0C/+75C | . . . +5V | 90MXMA | . TTL | TTL/TS | P2114-3 | IM2114-3CPN |
| INS | DIL-18/1C | NMOS | 0C/+75C | . . . +5V | 90MXMA | . TTL | TTL/TS | D2114-3 | IM2114-3CJN |
| INS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4116J-2 | IM4116-2CJE |
| INS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4116J-2 | IM4116-2CJE |
| INS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MCM4116C-15 | IM4116-2CPE |
| INS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MCM4116C-20 | IM4116-3CDE |
| INS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MCM4116C-20 | IM4116-3CJE |
| INS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MCM4116C-20 | IM4116-3CPE |
| INS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4116P-4 | IM4116-4CDE |
| INS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4116P-4 | IM4116-4CJE |
| INS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4116P-4 | IM4116-CPE |
| INS | DIL-24/2C | TTLB | 0C/+75C | . . . +5V | 135TPMA | . TTL | . TTL | | IM5200CJG |
| INS | DIL-16/1C | BIP | 0C/+75C | . . . +5V | 100MXMA | . TTL | TTL/OC | | IM5600CDE |
| INS | FLP-16/3C | BIP | 0C/+75C | . . . +5V | 100MXMA | . TTL | TTL/OC | | IM5600CFE |
| INS | DIL-16/1C | BIP | 0C/+75C | . . . +5V | 100MXMA | . TTL | TTL/OC | | IM5600CJE |
| INS | DIL-16/1P | BIP | 0C/+75C | . . . +5V | 100MXMA | . TTL | TTL/OC | | IM5600CFE |
| INS | DIL-16/1C | BIP | -55C/+125C | . . . +5V | 100MXMA | . TTL | TTL/OC | | IM5600CDE |
| INS | DIL-16/1C | BIP | -55C/+125C | . . . +5V | 100MXMA | . TTL | TTL/OC | | IM5600MDE |
| INS | FLP-16/3C | BIP | -55C/+125C | . . . +5V | 100MXMA | . TTL | TTL/OC | | IM5600MFE |
| INS | DIL-16/1C | BIP | -55C/+125C | . . . +5V | 100MXMA | . TTL | TTL/OC | | IM5600MJE |
| INS | DIL-16/1C | TTLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/OC | | IM5603CDE |
| INS | FLP-16/3C | TTLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/OC | | IM5603CFE |
| INS | DIL-16/1C | TTLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/OC | | IM5603CJE |
| INS | DIL-16/1P | TTLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/OC | | IM5603CFE |
| INS | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | | IM5603MDE |
| INS | FLP-16/3C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | | IM5603MFE |
| INS | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | | IM5603MJE |
| INS | DIL-16/1C | BIP | 0C/+75C | . . . +5V | 140MXMA | . TTL | TTL/OC | | IM5604CDE |
| INS | FLP-16/3C | BIP | 0C/+75C | . . . +5V | 140MXMA | . TTL | TTL/OC | | IM5604CFE |
| INS | DIL-16/1C | BIP | 0C/+75C | . . . +5V | 140MXMA | . TTL | TTL/OC | | IM5604CJE |
| INS | DIL-16/1P | BIP | 0C/+75C | . . . +5V | 140MXMA | . TTL | TTL/OC | | IM5604CFE |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|-----------------|----------------|------------------|---|--------------------|
| IM5604MDE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 90NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5604MFE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 90NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5604MJE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 90NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5605CDG | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/6X 3Y 4CE ADDRESS LINES | GEN. PURP. |
| IM5605CJG | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/6X 3Y-4CE ADDRESS LINES | GEN. PURP. |
| IM5605MDG | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 105NS/6X 3Y 4CE ADDRESS LINES | GEN. PURP. |
| IM5605MJG | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 105NS/6X 3Y 4CE ADDRESS LINES | GEN. PURP. |
| IM5610CDE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 65NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5610CFE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 65NS/9 ADDRESS LINES | GEN. PURP. |
| IM5610CJE | PROM | 8-BIT | 256X32X8/MAX. ACCESS 65NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5610CPE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 65NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5610MDE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 75NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5610MFE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 75NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5610MJE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 75NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| IM5623CDE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5623CFE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5623CJE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5623MDE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5623MFE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5623MJE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| IM5624CDE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 80NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5624CFE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 80NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5624CJE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 80NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5624CPE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 80NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5624MDE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 90NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5624MFE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 90NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5624MJE | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 90NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| IM5625CDG | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/6X 3Y 4CE ADDRESS LINES | GEN. PURP. |
| IM5625CJG | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/6X 3Y 4CE ADDRESS LINES | GEN. PURP. |
| IM5625MDG | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 105NS/6X 3Y 4CE ADDRESS LINES | GEN. PURP. |
| IM5625MJG | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 105NS/6X 3Y 4CE ADDRESS LINES | GEN. PURP. |
| IM6100-AIDL | CPU | 12-BIT | 1-CHIP CPU/CMOS/12-BIT/81 INSTNS./5.71MHZ CLOCK | 6100 |
| IM6100-AIPL | CPU | 12-BIT | 1-CHIP CPU/CMOS/12-BIT/81 INSTNS./5.71MHZ CLOCK | 6100 |
| IM6100-AMDL | CPU | 12-BIT | 1-CHIP CPU/CMOS/12-BIT/81 INSTNS./5MHZ CLOCK | 6100 |
| IM6100-AMDL883B | CPU | 12-BIT | 1-CHIP CPU/CMOS/12-BIT/81 INSTNS./5MHZ CLOCK | 6100 |
| IM6100-IPL | CPU | 12-BIT | 1-CHIP CPU/CMOS/12-BIT/81 INSTNS./2.5MHZ CLOCK | 6100 |
| IM6100-IIDL | CPU | 12-BIT | 1-CHIP CPU/CMOS/12-BIT/81 INSTNS./3.3MHZ CLOCK | 6100 |
| IM6100-IIPL | CPU | 12-BIT | 1-CHIP CPU/CMOS/12-BIT/81 INSTNS./3.3MHZ CLOCK | 6100 |
| IM6100-IMDL | CPU | 12-BIT | 1-CHIP CPU/CMOS/12-BIT/81 INSTNS./2.5MHZ CLOCK | 6100 |
| IM6100-IMDL883B | CPU | 12-BIT | 1-CHIP CPU/CMOS/12-BIT/81 INSTNS./2.5MHZ CLOCK | 6100 |
| IM6101-AIDL | PIA | 12-BIT | PROGRAMMABLE INTERFACE ELEMENT FOR 6100 MICROPROCESSOR | 6100 |
| IM6101-AIPL | PIA | 12-BIT | PROGRAMMABLE INTERFACE ELEMENT FOR 6100 MICROPROCESSOR | 6100 |
| IM6101-AMDL | PIA | 12-BIT | PROGRAMMABLE INTERFACE ELEMENT FOR 6100 MICROPROCESSOR | 6100 |
| IM6101-AMDL883B | PIA | 12-BIT | PROGRAMMABLE INTERFACE ELEMENT FOR 6100 MICROPROCESSOR/MIL STD | 6100 |
| IM6101-IIDL | PIA | 12-BIT | PROGRAMMABLE INTERFACE ELEMENT FOR 6100 MICROPROCESSOR | 6100 |
| IM6101-IIPL | PIA | 12-BIT | PROGRAMMABLE INTERFACE ELEMENT FOR 6100 MICROPROCESSOR | 6100 |
| IM6101-IMDL | PIA | 12-BIT | PROGRAMMABLE INTERFACE ELEMENT FOR 6100 MICROPROCESSOR | 6100 |
| IM6101-IMDL883B | PIA | 12-BIT | PROGRAMMABLE INTERFACE ELEMENT FOR 6100 MICROPROCESSOR/MIL STD | 6100 |
| IM6101-IPL | PIA | 12-BIT | PROGRAMMABLE INTERFACE ELEMENT FOR 6100 MICROPROCESSOR | 6100 |
| IM6102-AIDL | DMAC | 12-BIT | MEMORY EXTENSION/DMA CONTROLLER/INTERVAL TIMER/6100 FAM. | 6100 |
| IM6102-AIPL | DMAC | 12-BIT | MEMORY EXTENSION/DMA CONTROLLER/INTERVAL TIMER/6100 FAM. | 6100 |
| IM6102-AMDL | DMAC | 12-BIT | MEMORY EXTENSION/DMA CONTROLLER/INTERVAL TIMER/6100 FAM. | 6100 |
| IM6102-AMDL883B | DMAC | 12-BIT | MEMORY EXTENSION/DMA CONTROLLER/INTERVAL TIMER/6100 FAM/MIL STD | 6100 |
| IM6102-IPL | DMAC | 12-BIT | MEMORY EXTENSION/DMA CONTROLLER/INTERVAL TIMER/6100 FAM. | 6100 |
| IM6102-IIDL | DMAC | 12-BIT | MEMORY EXTENSION/DMA CONTROLLER/INTERVAL TIMER/6100 FAM. | 6100 |
| IM6102-IIPL | DMAC | 12-BIT | MEMORY EXTENSION/DMA CONTROLLER/INTERVAL TIMER/6100 FAM. | 6100 |
| IM6102-IMDL | DMAC | 12-BIT | MEMORY EXTENSION/DMA CONTROLLER/INTERVAL TIMER/6100 FAM. | 6100 |
| IM6102-IMDL883B | DMAC | 12-BIT | MEMORY EXTENSION/DMA CONTROLLER/INTERVAL TIMER/6100 FAM/MIL STD | 6100 |
| IM6103AIDL | PIO | 12-BIT | PARALLEL INPUT-OUTPUT PORT FOR 6100 CPU | 6100 |
| IM6103AIPL | PIO | 12-BIT | PARALLEL INPUT-OUTPUT PORT FOR 6100 CPU | 6100 |
| IM6103AMDL | PIO | 12-BIT | PARALLEL INPUT-OUTPUT PORT FOR 6100 CPU | 6100 |
| IM6103CPL | PIO | 12-BIT | PARALLEL INPUT-OUTPUT PORT FOR 6100 CPU | 6100 |
| IM6103IDL | PIO | 12-BIT | PARALLEL INPUT-OUTPUT PORT FOR 6100 CPU | 6100 |
| IM6103IPL | PIO | 12-BIT | PARALLEL INPUT-OUTPUT PORT FOR 6100 CPU | 6100 |
| IM6103MDL | PIO | 12-BIT | PARALLEL INPUT-OUTPUT PORT FOR 6100 CPU | 6100 |
| IM6312AIFN | PROM | 12-BIT | 12K=1024X12/MAX. ACCESS 200NS/12-BIT ADDRESS LINES | 6100 |
| IM6312AIJN | PROM | 12-BIT | 12K=1024X12/MAX. ACCESS 200NS/12-BIT ADDRESS LINES | 6100 |
| IM6312AMFN | PROM | 12-BIT | 12K=1024X12/MAX. ACCESS 200NS/12-BIT ADDRESS LINES | 6100 |
| IM6312AMJN | PROM | 12-BIT | 12K=1024X12/MAX. ACCESS 220NS/12-BIT ADDRESS LINES | 6100 |
| IM6312IFN | PROM | 12-BIT | 12K=1024X12/MAX. ACCESS 200NS/12-BIT ADDRESS LINES | 6100 |
| IM6312IJN | PROM | 12-BIT | 12K=1024X12/MAX. ACCESS 640NS/12-BIT ADDRESS LINES | 6100 |
| IM6312MFN | PROM | 12-BIT | 12K=1024X12/MAX. ACCESS 640NS/12-BIT ADDRESS LINES | 6100 |
| IM6312MJN | PROM | 12-BIT | 12K=1024X12/MAX. ACCESS 200NS/12-BIT ADDRESS LINES | 6100 |
| IM6312-IFN | PROM | 12-BIT | 12K=1024X12/MAX. ACCESS 510NS/12-BIT ADDRESS LINES | 6100 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|-----------------|
| INS | DIL-16/1C | BIP | -55C/+125C | . . +5V | 140MXMA | . TTL | TTL/OC | . . . | IM5604MDE |
| INS | FLP-16/3C | BIP | -55C/+125C | . . +5V | 140MXMA | . TTL | TTL/OC | . . . | IM5604MFE |
| INS | DIL-16/1C | BIP | -55C/+125C | . . +5V | 140MXMA | . TTL | TTL/OC | . . . | IM5604MJE |
| INS | DIL-24/2C | BIP | 0C/+75C | . . +5V | 185MXMA | . TTL | TTL/OC | . . . | IM5605CDG |
| INS | DIL-24/2C | BIP | 0C/+75C | . . +5V | 185MXMA | . TTL | TTL/OC | . . . | IM5605CJG |
| INS | DIL-24/2C | BIP | -55C/+125C | . . +5V | 185MXMA | . TTL | TTL/OC | . . . | IM5605MDG |
| INS | DIL-24/2C | BIP | -55C/+125C | . . +5V | 185MXMA | . TTL | TTL/OC | . . . | IM5605MJG |
| INS | DIL-16/1C | BIP | 0C/+75C | . . +5V | 100MXMA | . TTL | TTL | . . . | IM5610CDE |
| INS | FLP-16/3C | BIP | 0C/+75C | . . +5V | 100MXMA | . TTL | TTL | . . . | IM5610CFE |
| INS | DIL-16/1C | BIP | 0C/+75C | . . +5V | 100MXMA | . TTL | TTL | . . . | IM5610CJE |
| INS | DIL-16/1P | BIP | 0C/+75C | . . +5V | 100MXMA | . TTL | TTL | . . . | IM5610CPE |
| INS | DIL-16/1C | BIP | -55C/+125C | . . +5V | 100MXMA | . TTL | TTL | . . . | IM5610MDE |
| INS | FLP-16/3C | BIP | -55C/+125C | . . +5V | 100MXMA | . TTL | TTL | . . . | IM5610MFE |
| INS | DIL-16/1C | BIP | -55C/+125C | . . +5V | 100MXMA | . TTL | TTL | . . . | IM5610MJE |
| INS | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL | . . . | IM5623CDE |
| INS | FLP-16/3C | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL | . . . | IM5623CFE |
| INS | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL | . . . | IM5623CJE |
| INS | DIL-16/1P | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL | . . . | IM5623CPE |
| INS | DIL-16/1C | TTLB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL | . . . | IM5623MDE |
| INS | FLP-16/1C | TTLB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL | . . . | IM5623MFE |
| INS | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL | . . . | IM5623MJE |
| INS | DIL-16/1C | BIP | 0C/+75C | . . +5V | 140MXMA | . TTL | TTL | . . . | IM5624CDE |
| INS | FLP-16/3C | BIP | 0C/+75C | . . +5V | 140MXMA | . TTL | TTL | . . . | IM5624CFE |
| INS | DIL-16/1C | BIP | 0C/+75C | . . +5V | 140MXMA | . TTL | TTL | . . . | IM5624CJE |
| INS | DIL-16/1P | BIP | 0C/+75C | . . +5V | 140MXMA | . TTL | TTL | . . . | IM5624CPE |
| INS | DIL-16/1C | BIP | -55C/+125C | . . +5V | 140MXMA | . TTL | TTL | . . . | IM5624MDE |
| INS | FLP-16/3C | BIP | -55C/+125C | . . +5V | 140MXMA | . TTL | TTL | . . . | IM5624MFE |
| INS | DIL-16/1C | BIP | -55C/+125C | . . +5V | 140MXMA | . TTL | TTL | . . . | IM5624MJE |
| INS | DIL-24/2C | BIP | 0C/+75C | . . +5V | 185MXMA | . TTL | TTL | . . . | IM5625CDG |
| INS | DIL-24/2C | BIP | 0C/+75C | . . +5V | 185MXMA | . TTL | TTL | . . . | IM5625CJG |
| INS | DIL-24/2C | BIP | -55C/+125C | . . +5V | 185MXMA | . TTL | TTL | . . . | IM5625MDG |
| INS | DIL-24/2C | BIP | -55C/+125C | . . +5V | 185MXMA | . TTL | TTL | . . . | IM5625MJG |
| INS | DIL-40/2C | CMOS | -45C/+85C | . . +10V | 4MXMA | . TTL | TTL | . . . | IM6100-AIDL |
| INS | DIL-40/2P | CMOS | -45C/+85C | . . +10V | 4MXMA | . TTL | TTL | . . . | IM6100-AIPL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +10V | 4MXMA | . TTL | TTL | . . . | IM6100-AMDL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +10V | 4MXMA | . TTL | TTL | . . . | IM6100-AMDL883B |
| INS | DIL-40/2P | CMOS | -45C/+85C | . . +5V | 2MXMA | . TTL | TTL | . . . | IM6100-IPL |
| INS | DIL-40/2C | CMOS | -45C/+85C | . . +5V | 2MXMA | . TTL | TTL | . . . | IM6100-1IDL |
| INS | DIL-40/2P | CMOS | -45C/+85C | . . +5V | 2MXMA | . TTL | TTL | . . . | IM6100-1IPL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +5V | 2MXMA | . TTL | TTL | . . . | IM6100-1MDL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +5V | 2MXMA | . TTL | TTL | . . . | IM6100-1MDL883B |
| INS | DIL-40/2C | CMOS | -40C/+85C | . . +10V | 2MXMA | (+5V)TTL | (+5V)TTL | . . . | IM6101-AIDL |
| INS | DIL-40/2P | CMOS | -40C/+85C | . . +10V | 2MXMA | (+5V)TTL | (+5V)TTL | . . . | IM6101-AIPL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +10V | 2MXMA | (+5V)TTL | (+5V)TTL | . . . | IM6101-AMDL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +10V | 2MXMA | (+5V)TTL | (+5V)TTL | . . . | IM6101-AMDL883B |
| INS | DIL-40/2C | CMOS | -40C/+85C | . . +5V | 0.5MXMA | . TTL | TTL | . . . | IM6101-1IDL |
| INS | DIL-40/2P | CMOS | -40C/+85C | . . +5V | 0.5MXMA | . TTL | TTL | . . . | IM6101-1IPL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +5V | 0.5MXMA | . TTL | TTL | . . . | IM6101-1MDL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +5V | 0.5MXMA | . TTL | TTL | . . . | IM6101-1MDL883B |
| INS | DIL-40/2P | CMOS | -40C/+85C | . . +5V | 2MXMA | . TTL | TTL | . . . | IM6101-IPL |
| INS | DIL-40/2C | CMOS | -40C/+85C | . . +10V | 2MXMA | . CMOS | . CMOS | . . . | IM6102-AIDL |
| INS | DIL-40/2P | CMOS | -40C/+85C | . . +10V | 2MXMA | . CMOS | . CMOS | . . . | IM6102-AIPL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +10V | 4MXMA | . CMOS | . CMOS | . . . | IM6102-AMDL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +10V | 4MXMA | . CMOS | . CMOS | . . . | IM6102-AMDL883B |
| INS | DIL-40/2P | CMOS | -40C/+85C | . . +5V | 1.8MXMA | . CMOS | . CMOS | . . . | IM6102-IPL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +5V | 2MXMA | . CMOS | . CMOS | . . . | IM6102-1IDL |
| INS | DIL-40/2P | CMOS | -40C/+85C | . . +5V | 2MXMA | . CMOS | . CMOS | . . . | IM6102-1IPL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +5V | 2MXMA | . CMOS | . CMOS | . . . | IM6102-1MDL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +5V | 2MXMA | . CMOS | . CMOS | . . . | IM6102-1MDL883B |
| INS | DIL-40/2C | CMOS | -40C/+85C | . . +10V | 2.5MXMA | (+5V)TTL | (+5V)TTL | . . . | IM6103AIDL |
| INS | DIL-40/2P | CMOS | -40C/+85C | . . +10V | 205MXMA | (+5V)TTL | (+5V)TTL | . . . | IM6103AIPL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +10V | 205MXMA | (+5V)TTL | (+5V)TTL | . . . | IM6103AMDL |
| INS | DIL-40/2P | CMOS | 0C/+70C | . . +5V | 205MXMA | . TTL | TTL | . . . | IM6103CPL |
| INS | DIL-40/2C | CMOS | -40C/+85C | . . +10V | 205MXMA | . TTL | TTL | . . . | IM6103IDL |
| INS | DIL-40/2P | CMOS | -40C/+85C | . . +5V | 205MXMA | . TTL | TTL | . . . | IM6103IPL |
| INS | DIL-40/2C | CMOS | -55C/+125C | . . +5V | 205MXMA | . TTL | TTL | . . . | IM6103MDL |
| INS | FLP-18/4C | CMOS | -40C/+85C | . . +10V | 2MXMA | (+5V)TTL | (+5V)TTL | . . . | IM6312AIFN |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . +10V | 2MXMA | (+5V)TTL | (+5V)TTL | . . . | IM6312AIJN |
| INS | FLP-18/4C | CMOS | -55C/+125C | . . +10V | 2MXMA | (+5V)TTL | (+5V)TTL | . . . | IM6312AMFN |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . +10V | 2MXMA | (+5V)TTL | (+5V)TTL | . . . | IM6312AMJN |
| INS | FLP-18/4C | CMOS | -40C/+85C | . . +5V | 108MXMA | . TTL | TTL | . . . | IM6312IFN |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . +5V | 1.8MXMA | . TTL | TTL | . . . | IM6312IJN |
| INS | FLP-18/4C | CMOS | -55C/+125C | . . +5V | 1.8MXMA | . TTL | TTL | . . . | IM6312MFN |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . +5V | 108MXMA | . TTL | TTL | . . . | IM6312MJN |
| INS | FLP-18/4C | CMOS | -40C/+85C | . . +5V | 1.8MXMA | . TTL | TTL | . . . | IM6312-1IFN |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|-----------------|----------------|------------------|--|--------------------|
| IM6312-1IJN | PROM | 12-BIT | 12K=1024X12/MAX. ACCESS 200NS/12-BIT ADDRESS LINES | 6100 |
| IM6312-1MFN | PROM | 12-BIT | 12K=1024X12/MAX. ACCESS 510NS/12-BIT ADDRESS | 6100 |
| IM6312-1MJN | PROM | 12-BIT | 12K=1024X12/MAX. ACCESS 560NS/12-BIT ADDRESS | 6100 |
| IM63160G | PROM | 8-BIT | 16K=2048X8/TYP. ACCESS 350NS/7X 4Y 2CS ADDRESS LINES | 6100 |
| IM63161JG | PROM | 8-BIT | 16K=2048X8/TYP. ACCESS 350NS/7X 4Y 2CS ADDRESS LINES | 6100 |
| IM6316MDG | PROM | 8-BIT | 16K=2048X8/TYP. ACCESS 350NS/7X 4Y 2CS ADDRESS LINES | 6100 |
| IM6316MJG | PROM | 8-BIT | 16K=2048X8/TYP. ACCESS 350NS/7X 4Y 2CS ADDRESS LINES | 6100 |
| IM63641DG | PROM | 8-BIT | 64K=8192X8/TYP. ACCESS 300NS/8X 5Y 1CE ADDRESS LINES | 6100 |
| IM63641JG | PROM | 8-BIT | 64K=8192X8/TYP. ACCESS 300NS/8X 5Y 1CE ADDRESS LINES | 6100 |
| IM6364MDG | PROM | 8-BIT | 64K=8192X8/TYP. ACCESS 300NS/8X 5Y 1CE ADDRESS LINES | 6100 |
| IM6364MJG | PROM | 8-BIT | 64K=8192X8/TYP. ACCESS 300NS/8X 5Y 1CE ADDRESS LINES | 6100 |
| IM6402-AIDL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6402-AIPL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6402-AMDL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6402-AMDL883B | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER/MIL STD 883 | 6100 |
| IM6402-IPL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6402-IDDL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6402-1IPL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6402-1MDL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6402-1MDL883B | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER/MIL STD 883 | 6100 |
| IM6403-IPL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6403-AIDL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6403-AIPL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6403-AMDL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6403-AMDL883B | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER/MIL STD 883 | 6100 |
| IM6403-IDDL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6403-1MDL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6403-1MDL883B | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER/MIL STD 883 | 6100 |
| IM6403-1IPL | UART | 7-BIT | UNIVERSAL ASYNCHRONOUS RECEIVER TRANSMITTER | 6100 |
| IM6504CJN | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 170NS/6X 6Y 1CE ADDRESS LINES | 6100 |
| IM6504CPN | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 170NS/6X 6Y 1CE ADDRESS LINES | 6100 |
| IM6504IDN | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 170NS/6X 6Y 1CE ADDRESS LINES | 6100 |
| IM6504IJN | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 170NS/6X 6Y 1CE ADDRESS LINES | 6100 |
| IM6504IPN | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 170NS/6X 6Y 1CE ADDRESS LINES | 6100 |
| IM6504MDN | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 170NS/6X 6Y 1CE ADDRESS LINES | 6100 |
| IM6504MFN | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 170NS/6X 6Y 1CE ADDRESS LINES | 6100 |
| IM6504MJN | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 170NS/6X 6Y 1CE ADDRESS LINES | 6100 |
| IM6508A-1ID | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508A-1IJ | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508A-1MD | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508A-1MF | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508A-1MJ | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508AID | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508AIJ | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508AMD | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508AMF | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508AMJ | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508CJ | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 600NS/5X 5Y 1CS ADDRESS LINES | 6100 |
| IM6508CP | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 600NS/5X 5Y 1CS ADDRESS LINES | 6100 |
| IM6508ID | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508IJ | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508IP | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508MF | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508MJ | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508-1ID | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508-1IJ | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508-1MD | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508-1MF | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6508-1MJ | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| IM6512AIDN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 150NS | 6100 |
| IM6512AIFN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 150NS | 6100 |
| IM6512AIJN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 150NS | 6100 |
| IM6512AMDN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 150NS | 6100 |
| IM6512AMFN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 150NS | 6100 |
| IM6512AMJN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 150NS | 6100 |
| IM6512CDN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 600NS | 6100 |
| IM6512CFN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 600NS | 6100 |
| IM6512CJN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 600NS | 6100 |
| IM6512IDN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 460NS | 6100 |
| IM6512IFN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 460NS | 6100 |
| IM6512IJN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 460NS | 6100 |
| IM6512MDN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 460NS | 6100 |
| IM6512MJN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 460NS | 6100 |
| IM6512MFN | SRAM | 12-BIT | 768=64X12/MAX. ACCESS 460NS | 6100 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|-----------------|
| INS | DIL-18/1C | CMOS | -40C/+85C | +5V | 1.8MXMA | TTL | TTL | | IM6312-1IJN |
| INS | FLP-18/4C | CMOS | -55C/+125C | +5V | 1.8MXMA | TTL | TTL | | IM6312-1MFN |
| INS | DIL-18/1C | CMOS | -55C/+125C | +5V | 1.8MXMA | TTL | TTL | | IM6312-1MJN |
| INS | DIL-24/2C | CMOS | -40C/+85C | +5V | | TTL | TTL/TS | | IM6316DG |
| INS | DIL-24/2C | CMOS | -40C/+85C | +5V | | TTL | TTL/TS | | IM6316IJG |
| INS | DIL-24/2C | CMOS | -55C/+125C | +5V | | TTL | TTL/TS | | IM6316MDG |
| INS | DIL-24/2C | CMOS | -55C/+125C | +5V | | TTL | TTL/TS | | IM6316MJG |
| INS | DIL-24/2C | CMOS | -40C/+85C | +5V | | TTL | TTL | | IM6364IDG |
| INS | DIL-24/2C | CMOS | -40C/+85C | +5V | | TTL | TTL | | IM6364IJG |
| INS | DIL-24/2C | CMOS | -55C/+125C | +5V | | TTL | TTL | | IM6364MDG |
| INS | DIL-24/2C | CMOS | -55C/+125C | +5V | | TTL | TTL | | IM6364MJG |
| INS | DIL-40/2C | CMOS | -40C/+85C | +10V | 13MXMA | CMOS | CMOS | | IM6402-AIDL |
| INS | DIL-40/2P | CMOS | -40C/+85C | +10V | 13MXMA | CMOS | CMOS | | IM6402-AIPL |
| INS | DIL-40/2C | CMOS | -55C/+125C | +10V | 13MXMA | CMOS | CMOS | | IM6402-AMDL |
| INS | DIL-40/2C | CMOS | -55C/+125C | +10V | 13MXMA | CMOS | CMOS | | IM6402-AMDL883B |
| INS | DIL-40/2P | CMOS | -40C/+85C | +5V | 3.7MXMA | TTL | TTL | | IM6402-IPL |
| INS | DIL-40/2C | CMOS | -40C/+85C | +5V | 5.5MXMA | TTL | TTL | | IM6402-1IDL |
| INS | DIL-40/2P | CMOS | -40C/+85C | +5V | 5.5MXMA | TTL | TTL | | IM6402-1IPL |
| INS | DIL-40/2C | CMOS | -55C/+125C | +5V | 5.5MXMA | TTL | TTL | | IM6402-1MDL |
| INS | DIL-40/2C | CMOS | -55C/+125C | +5V | 5.5MXMA | TTL | TTL | | IM6402-1MDL883B |
| INS | DIL-40/2P | CMOS | -40C/+85C | +5V | 3.7MXMA | TTL | TTL | | IM6403-IPL |
| INS | DIL-40/2C | CMOS | -40C/+85C | +10V | 13MXMA | CMOS | CMOS | | AM6403-AIDL |
| INS | DIL-40/2P | CMOS | -40C/+85C | +10V | 13MXMA | CMOS | CMOS | | IM6403-AIPL |
| INS | DIL-40/2C | CMOS | -55C/+125C | +10V | 13MXMA | CMOS | CMOS | | IM6403-AMDL |
| INS | DIL-40/2C | CMOS | -55C/+125C | +10V | 13MXMA | CMOS | CMOS | | IM6403-AMDL883B |
| INS | DIL-40/2C | CMOS | -40C/+85C | +5V | 5.5MXMA | TTL | TTL | | IM6403-1IDL |
| INS | DIL-40/2C | CMOS | -55C/+125C | +5V | 5.5MXMA | TTL | TTL | | IM6403-1MDL |
| INS | DIL-40/2C | CMOS | -55C/+125C | +5V | 5.5MXMA | TTL | TTL | | IM6403-1MDL883B |
| INS | DIL-40/2P | CMOS | -40C/+85C | +5V | 5.5MXMA | TTL | TTL | | IM6403-1IPL |
| INS | DIL-40/2C | CMOS | 0C/+70C | +5V | 2TPMA | TTL/CMOS | TTL/CMOS | | IM6504CJN |
| INS | DIL-40/2P | CMOS | 0C/+70C | +5V | 2TPMA | TTL/CMOS | TTL/CMOS | | IM6504CPN |
| INS | DIL-18/1C | CMOS | -40C/+85C | +5V | 2TPMW | TTL/CMOS | TTL/CMOS | | IM6504IDN |
| INS | DIL-18/1C | CMOS | -40C/+85C | +5V | 2TPMA | TTL/CMOS | TTL/CMOS | | IM6504IJN |
| INS | DIL-18/1P | CMOS | -40C/+85C | +5V | 2TPMA | TTL/CMOS | TTL/CMOS | | IM6504IPN |
| INS | DIL-18/1C | CMOS | -55C/+125C | +5V | 2TPMA | TTL/CMOS | TTL/CMOS | | IM6504MDN |
| INS | FLP-18/4C | CMOS | -55C/+125C | +5V | 2TPMA | TTL/CMOS | TTL/CMOS | | IM6504MFN |
| INS | DIL-40/2C | CMOS | -55C/+125C | +5V | 2TPMA | TTL/CMOS | TTL/CMOS | | IM6504MJN |
| INS | DIL-16/1C | CMOS | -40C/+85C | +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | | IM6508A-1ID |
| INS | DIL-16/1C | CMOS | -40C/+85C | +10V | 2MXMA | (5V)TTL | (5V)TTL/TS | | IM6508A-1IJ |
| INS | DIL-16/1C | CMOS | -55C/+125C | +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | | IM6508A-1MD |
| INS | FLP-16/4C | CMOS | -55C/+125C | +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | | IM6508A-1MF |
| INS | DIL-16/1C | CMOS | -55C/+125C | +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | | IM6508A-1MJ |
| INS | DIL-16/1C | CMOS | -40C/+85C | +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | | IM6508AID |
| INS | DIL-16/1C | CMOS | -40C/+85C | +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | | IM6508AIJ |
| INS | DIL-16/1C | CMOS | -55C/+125C | +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | | IM6508AMD |
| INS | FLP-16/4C | CMOS | -55C/+125C | +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | | IM6508AMF |
| INS | DIL-16/1C | CMOS | -55C/+125C | +10V | 10MXMA | TTL | TTL/TS | | IM6508AMJ |
| INS | DIL-16/1C | CMOS | 0C/+70C | +5V | 4MXMA | TTL | TTL/TS | | IM6508CJ |
| INS | DIL-16/1P | CMOS | 0C/+70C | +5V | 4MXMA | TTL | TTL/TS | | IM6508CP |
| INS | DIL-16/1C | CMOS | -40C/+85C | +5V | 2MXMA | TTL | TTL/TS | | IM6508ID |
| INS | DIL-16/1C | CMOS | -40C/+85C | +5V | 2MXMA | TTL | TTL/TS | | IM6508IJ |
| INS | DIL-16/1P | CMOS | -40C/+85C | +5V | 2MXMA | TTL | TTL/TS | | IM6508IP |
| INS | DIL-16/1C | CMOS | -55C/+125C | +5V | 2MXMA | TTL | TTL/TS | | IM6508MD |
| INS | FLP-16/4C | CMOS | -55C/+125C | +5V | 2MXMA | TTL | TTL/TS | | IM6508MF |
| INS | DIL-16/1C | CMOS | -55C/+125C | +5V | 2MXMA | TTL | TTL/TS | | IM6508MJ |
| INS | DIL-16/1C | CMOS | -40C/+85C | +5V | 2MXMA | TTL | TTL/TS | | IM6508-1ID |
| INS | DIL-16/1C | CMOS | -40C/+85C | +5V | 2MXMA | TTL | TTL/TS | | IM6508-1IJ |
| INS | DIL-16/1C | CMOS | -55C/+125C | +5V | 2MXMA | TTL | TTL/TS | | IM6508-1MD |
| INS | FLP-16/4C | CMOS | -55C/+125C | +5V | 2MXMA | TTL | TTL/TS | | IM6508-1MF |
| INS | DIL-16/1C | CMOS | -55C/+125C | +5V | 2MXMA | TTL | TTL/TS | | IM6508-1MJ |
| INS | DIL-18/1C | CMOS | -40C/+85C | +10V | 500MXuA | TTL/CMOS | TTL/CMOS | | IM6512AIDN |
| INS | FLP-18/4C | CMOS | -40C/+85C | +10V | 500MXuA | TTL/CMOS | TTL/CMOS | | IM6512AIFN |
| INS | DIL-18/1C | CMOS | -40C/+85C | +10V | 500MXuA | TTL/CMOS | TTL/CMOS | | IM6512AIJN |
| INS | DIL-18/1C | CMOS | -55C/+125C | +10V | 500MXuA | TTL/CMOS | TTL/CMOS | | IM6512AMDN |
| INS | FLP-18/4C | CMOS | -40C/+85C | +10V | 500MXuA | TTL/CMOS | TTL/CMOS | | IM6512AMFN |
| INS | DIL-18/1C | CMOS | -55C/+125C | +10V | 500MXMA | TTL/CMOS | TTL/CMOS | | IM6512AMJN |
| INS | DIL-18/1C | CMOS | 0C/+70C | +5V | 800MXMA | TTL/CMOS | TTL/CMOS | | IM6512CDN |
| INS | FLP-18/4C | CMOS | 0C/+70C | +5V | 800MXMA | TTL/CMOS | TTL/CMOS | | IM6512CFN |
| INS | DIL-18/1C | CMOS | 0C/+70C | +5V | 800MXMA | TTL/CMOS | TTL/CMOS | | IM6512CJN |
| INS | DIL-18/1C | CMOS | -40C/+85C | +5V | 100MXMA | TTL/CMOS | TTL/CMOS | | IM6512IDN |
| INS | FLP-18/4C | CMOS | -40C/+85C | +5V | 100MXMA | TTL/CMOS | TTL/CMOS | | IM6512IFN |
| INS | DIL-18/1C | CMOS | -40C/+85C | +5V | 100MXMA | TTL/CMOS | TTL/CMOS | | IM6512IJN |
| INS | DIL-18/1C | CMOS | -55C/+125C | +5V | 100MXMA | TTL/CMOS | TTL/CMOS | | IM6512MDN |
| INS | DIL-18/1C | CMOS | -55C/+125C | +5V | 100MXMA | TTL/CMOS | TTL/CMOS | | IM6512MJN |
| INS | FLP-18/4C | CMOS | -55C/+125C | +5V | 100MXMA | TTL/CMOS | TTL/CMOS | | IM6512MFN |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| INS | DIL-18/1C | CMOS | 0C/+70C | . . . +5V | . | TTL | TTL/TS | MK4114 | IM6514CJN |
| INS | DIL-18/1P | CMOS | 0C/+70C | . . . +5V | . | TTL | TTL | MK4114 | IM6514CPN |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +5V | . | TTL | TTL | MK4114 | IM6514IDN |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +5V | . | TTL | TTL | MK4114 | IM6514IJN |
| INS | DIL-18/1P | CMOS | -40C/+85C | . . . +5V | . | TTL | TTL | MK4114 | IM6514IPN |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +5V | . | TTL | TTL | MK4114 | IM6514MDN |
| INS | FLP-18/4C | CMOS | -55C/+125C | . . . +5V | . | TTL | TTL | MK4114 | IM6514MFN |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +5V | . | TTL | TTL | MK4114 | IM6514MJN |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6518A-1ID |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +10V | 2MXMA | (5V)TTL | (5V)TTL/TS | . | IM6518A-1IJ |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6518A-1MD |
| INS | FLP-18/4C | CMOS | -55C/+125C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6518A-1MF |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6518A-1MJ |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6518AID |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6518AIJ |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6518AMD |
| INS | FLP-18/4C | CMOS | -55C/+125C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6518AMF |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6518AMJ |
| INS | DIL-18/1C | CMOS | 0C/+70C | . . . +5V | 4MXMA | TTL | TTL/TS | . | IM6518CJ |
| INS | DIL-18/1P | CMOS | 0C/+70C | . . . +5V | 4MXMA | TTL | TTL/TS | . | IM6518CP |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +5V | 2MXMA | TTL | TTL/TS | . | I M6518ID |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6518IJ |
| INS | DIL-18/1P | CMOS | -40C/+85C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6518IP |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6518MD |
| INS | FLP-18/4C | CMOS | -55C/+125C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6518MF |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6518MJ |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6518-1ID |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6518-1IJ |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6518-1MD |
| INS | FLP-18/4C | CMOS | -55C/+125C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6518-1MF |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6518-1MJ |
| INS | DIL-22/4C | CMOS | -40C/+85C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6551AIDF |
| INS | DIL-22/4C | CMOS | -40C/+85C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6551AIJF |
| INS | DIL-22/4C | CMOS | -55C/+125C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6551AMDF |
| INS | DIL-22/4C | CMOS | -55C/+125C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6551AMJF |
| INS | DIL-22/4C | CMOS | 0C/+70C | . . . +5V | 4MXMA | TTL | TTL/TS | . | IM6551CDF |
| INS | DIL-22/4C | CMOS | 0C/+70C | . . . +5V | 4MXMA | TTL | TTL/TS | . | IM6551CJF |
| INS | DIL-22/4P | CMOS | 0C/+70C | . . . +5V | 4MXMA | TTL | TTL/TS | . | IM6551CPF |
| INS | DIL-22/4C | CMOS | -40C/+85C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6551IDF |
| INS | DIL-22/4C | CMOS | -40C/+85C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6551IJF |
| INS | DIL-22/4P | CMOS | -40C/+85C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6551IPF |
| INS | DIL-22/4C | CMOS | -55C/+125C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6551MDF |
| INS | DIL-22/4C | CMOS | -55C/+125C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6551MJF |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6561AIDN |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6561AIJN |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6561AMDN |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +10V | 10MXMA | (5V)TTL | (5V)TTL/TS | . | IM6561AMJN |
| INS | DIL-18/1C | CMOS | 0C/+70C | . . . +5V | 4MXMA | TTL | TTL/TS | . | IM6561CDN |
| INS | DIL-18/1C | CMOS | 0C/+70C | . . . +5V | 4MXMA | TTL | TTL/TS | . | IM6561CJN |
| INS | DIL-18/1P | CMOS | 0C/+70C | . . . +5V | 4MXMA | TTL | TTL/TS | . | IM6561CPN |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6561IDN |
| INS | DIL-18/1C | CMOS | -40C/+85C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6561IJN |
| INS | DIL-18/1P | CMOS | -40C/+85C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6561IPN |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6561MDN |
| INS | DIL-18/1C | CMOS | -55C/+125C | . . . +5V | 2MXMA | TTL | TTL/TS | . | IM6561MJN |
| INS | DIL-24/2Q | CMOS | -40C/+85C | . . . +10V | 12MXMA | CMOS | CMOS | . | IM6653AIJG |
| INS | DIL-24/2Q | CMOS | -40C/+85C | . . . +10V | 12MXMA | CMOS | CMOS | . | IM6653AIDG |
| INS | DIL-24/2Q | CMOS | -40C/+85C | . . . +5V | 6MXMA | CMOS | CMOS | . | IM6653IDG |
| INS | DIL-24/2Q | CMOS | -40C/+85C | . . . +5V | 6MXMA | CMOS | CMOS | . | IM6653IJG |
| INS | DIL-24/2Q | CMOS | -55C/+125C | . . . +5V | 6MXMA | CMOS | CMOS | . | IM6653MDG |
| INS | DIL-24/2Q | CMOS | -55C/+125C | . . . +5V | 6MXMA | CMOS | CMOS | . | IM6653MJG |
| INS | DIL-24/2Q | CMOS | -40C/+85C | . . . +5V | 6MXMA | CMOS | CMOS | . | IM6653-1IDG |
| INS | DIL-24/2Q | CMOS | -40C/+85C | . . . +5V | 6MXMA | CMOS | CMOS | . | IM6653-1IJG |
| INS | DIL-24/2Q | CMOS | -40C/+85C | . . . +10V | 12MXMA | CMOS | CMOS | . | IM6654AIDG |
| INS | DIL-24/2Q | CMOS | -40C/+85C | . . . +10V | 12MXMA | CMOS | CMOS | . | IM6654AIJG |
| INS | DIL-24/2Q | CMOS | -40C/+85C | . . . +5V | 6MXMA | CMOS | CMOS | . | IM6654IDG |
| INS | DIL-24/2Q | CMOS | -40C/+85C | . . . +5V | 6MXMA | CMOS | CMOS | . | IM6654IJG |
| INS | DIL-24/2Q | CMOS | -55C/+125C | . . . +5V | 6MXMA | CMOS | CMOS | . | IM6654MDG |
| INS | DIL-24/2Q | CMOS | -55C/+125C | . . . +5V | 6MXMA | CMOS | CMOS | . | IM6654MJG |
| INS | DIL-24/2Q | CMOS | -40C/+85C | . . . +5V | 6MXMA | CMOS | CMOS | . | IM6654-1IDG |
| INS | DIL-24/2Q | CMOS | -40C/+85C | . . . +5V | 6MXMA | CMOS | CMOS | . | IM6654-1IJG |
| INS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | TTL | TTL/TS | . | IM7027-1CJE |
| INS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | TTL | TTL/TS | . | IM7027-2CJE |
| INS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | TTL | TTL/TS | . | IM7027-3CJE |
| INS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | TTL | TTL/TS | . | IM7027-4CJE |

| DEVICE TYPE NO | FUNCIION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|-----------------|----------------|------------------|---|--------------------|
| IM7114L2CJN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM7114L2CPN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM7114L3CJN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM7114L3CPN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM7114L4CJN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM7114LCPN | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| IM7141CJN | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES/SEP. I-O | GEN. PURP. |
| IM7141L2CJN | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES/SEP. I-O | GEN. PURP. |
| IM7141L3CJN | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES/SEP. I-O | GEN. PURP. |
| IM7141L4CJN | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES/SEP. I-O | GEN. PURP. |
| IM7141MJN | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES/SEP. I-O | GEN. PURP. |
| IM7141MJN/B | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| IM7141-2CJN | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES/SEP. I-O | GEN. PURP. |
| IM7141-2MJN | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES/SEP. I-O | GEN. PURP. |
| IM7141-2MJN/B | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| IM7141-3CJN | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES/SEP. I-O | GEN. PURP. |
| IM7141-3MJN | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES/SEP. I-O | GEN. PURP. |
| IM7141-3MJN/B | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| IM7226AIDL | CTC | . | 10MHZ UNIVERSAL COUNTER 8-SEG. LED DRIVER/8 DIGITS/COM ANODE | GEN. PURP. |
| IM7226BIPL | CTC | . | 10MHZ UNIVERSAL COUNTER 8-SEG. LED DRIVER/8 DIGITS/COM CATH. | GEN. PURP. |
| INS1671D | USART | 5-8BIT | ASYNCHRONOUS-SYNCHRONOUS TRANSMITTER-RECEIVER | 8080 |
| INS1671N | USART | 5-8BIT | ASYNCHRONOUS-SYNCHRONOUS TRANSMITTER-RECEIVER | 8080 |
| INS1771D-1 | FLPDC | 8-BIT | FLOPPY DISK FORMATTER-CONTROLLER | 8080 |
| INS1771N-1 | FLPDC | 8-BIT | FLOPPY DISK FORMATTER-CONTROLLER | 8080 |
| INS8070 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/ON-CHIP 64X8 RAM, NO-ROM | 8070 |
| INS8070D | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/ON-CHIP 64X8 RAM, NO ROM | 8070 |
| INS8070J | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/ON-CHIP 64X8 RAM, NO ROM | 8070 |
| INS8072XXXJ | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/ON-CHIP 64X8 RAM, 2.5KX8 MROM | 8070 |
| INS8080AD | MPU | 8-BIT | SINGLE-CHIP CPU OF 8080 FAMILY (APP. B)/MIN. CLOCK PERIOD 480NS | 8080 |
| INS8080AD-1 | MPU | 8-BIT | SINGLE-CHIP CPU OF 8080 FAMILY (APP. B)/MIN. CLOCK PERIOD 320NS | 8080 |
| INS8080AD-2 | MPU | 8-BIT | SINGLE-CHIP CPU OF 8080 FAMILY (APP. B)/MIN. CLOCK PERIOD 380NS | 8080 |
| INS8251 | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080 |
| INS8251D | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080 |
| INS8255 | PIA | 8-BIT | PROG I-O PORT | 8080 |
| INS8255D | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAMILY (APP. B) | 8080 |
| IOB1680-CERAMIC | IOBFR | 16-BIT | PROGRAMMABLE INPUT/OUTPUT BUFFER IN 1600 FAMILY (APP. B) | 1600 |
| IOB1680-PLASTIC | IOBFR | 16-BIT | PROGRAMMABLE INPUT/OUTPUT BUFFER IN 1600 FAMILY (APP. B) | 1600 |
| ISP-8A/500D | MPU | 8-BIT | 1-CHIP MICROPROCESSOR FOR SC/MP FAMILY (APP. B)/=SC/MP | SC/MP |
| ISP-8A/600D | MPU | 8-BIT | 1-CHIP MICROPROCESSOR FOR SC/MP-II FAMILY (APP. B) | SC/MP-II |
| ISP-8A/600-I | MPU | 8-BIT | 1-CHIP MICROPROCESSOR FOR SC/MP-II FAMILY (APP. B) | SC/MP-II |
| ISP-8A/600N | MPU | 8-BIT | 1-CHIP MICROPROCESSOR FOR SC/MP-II FAMILY (APP. B) | SC/MP-II |
| ITT1103 | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| ITT1103-1 | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 150NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| ITT4027-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/MULTIPLEX 6 ADDRESS LINES | GEN. PURP. |
| ITT4027-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/MULTIPLEX 6 ADDRESS LINES | GEN. PURP. |
| ITT-4027-4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/MULTIPLEX 6 ADDRESS LINES | GEN. PURP. |
| ITT4027-6 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/MULTIPLEX 6 ADDRESS LINES | GEN. PURP. |
| ITT4116-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/MULTIPLEXED 7 ADDRESS LINES | GEN. PURP. |
| ITT4116-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/MULTIPLEXED 7 ADDRESS LINES | GEN. PURP. |
| ITT4116-4 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/MULTIPLEX 7 ADDRESS LINES | GEN. PURP. |
| ITT7150 | MICTR | . | DEDICATED MICROPROCESSOR FOR WASHING MACHINE-SINGLE CHIP(APP.B) | 7150 |
| L2308A | MROM | 8-BIT | 8K=1024X8/MAX ACCESS 550NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| L8308A | MROM | 8-BIT | 8K=1024X8/MAX ACCESS 550NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| LP1000-CERAMIC | DMI | 8-BIT | MEMORY INTERFACE CHIP OF 8000 FAMILY (APP. B) | 8000 |
| LP1000-PLASTIC | DMI | 8-BIT | MEMORY INTERFACE CHIP OF 8000 FAMILY (APP. B) | 8000 |
| LP1010C | IOBFR | 8-BIT | INPUT/OUTPUT BUFFER OF 8000 FAMILY (APP. B) | 8000 |
| LP1010P | IOBFR | 8-BIT | INPUT/OUTPUT BUFFER OF 8000 FAMILY (APP. B) | 8000 |
| LP1030C | CLOCK | 8-BIT | CLOCK GENERATOR OF 8000 FAMILY (APP. B) | 8000 |
| LP1030P | CLOCK | 8-BIT | CLOCK GENERATOR OF 8000 FAMILY (APP. B) | 8000 |
| LP6000C | MROM | 8-BIT | ROM PROGRAM MEMORY OF 8000 FAMILY (APP. B) | 8000 |
| LP6000P | MROM | 8-BIT | ROM PROGRAM MEMORY OF 8000 FAMILY (APP. B) | 8000 |
| LP8000-CERAMIC | MPU | 8-BIT | PROCESSOR CHIP OF 8000 FAMILY (APP. B) | 8000 |
| LP8000-PLASTIC | MPU | 8-BIT | PROCESSOR CHIP OF 8000 FAMILY (APP. B) | 8000 |
| LS7030 | CTC | . | 8-DECADE UP-COUNTER/8-DECADE LATCH/MULTIPLEXER/DC TO 5MHZ | GEN. PURP. |
| LS7031 | CTC | . | 6-DECADE UP-COUNTER/8-DECADE LATCH/MULTIPLEXER/DC TO 5MHZ | GEN. PURP. |
| LS7040 | CTC | . | DUAL 3-DECADE UP-DOWN-COUNTER/DC TO 350KHZ | GEN. PURP. |
| LS7050 | CTC | . | 6-DECADE UP-DOWN-COUNTER/DC TO 50KHZ | GEN. PURP. |
| LS7060 | CTC | . | 32-BIT BINARY COUNTER/32-BIT LATCH AND MUX./ | GEN. PURP. |
| LS7061 | CTC | 8-BIT | 32-BIT BINARY UP-COUNTER/40-BIT LATCH/MULTIPLEXER | GEN. PURP. |
| LS7090 | CTC | . | 9-DECADE KEYBOARD-CONTROLLED UP-DOWN COUNTER | GEN. PURP. |
| LS7100 | DSPLC | . | BCD-TO-7 SEGMENT LATCH-DECODER LCD OR GAS DISCH. DISPLAY/TO 16V | GEN. PURP. |
| LS7110 | DSPLC | . | 8-CHANN MUX./DEMUX./DRIVER ALPHA-NUMERIC DISPLAY TO 60V | GEN. PURP. |
| M5G1400P | EAROM | 14-BIT | 1400=100X14/MAX. ACCESS 20uS | GEN. PURP. |
| M5K4116P-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX ADDRESS LINES | GEN. PURP. |
| M5K4116P-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|--------------|-----------------|
| INS | DIL-18/1C | NMOS | 0C/+75C | +5V | 40MXMA | TTL | TTL/TS | . | IM7114L2CJN |
| INS | DIL-18/1P | NMOS | 0C/+75C | +5V | 40MXMA | TTL | TTL/TS | . | IM7114L2CPN |
| INS | DIL-18/1C | NMOS | 0C/+75C | +5V | 40MXMA | TTL | TTL/TS | . | IM7114L3CJN |
| INS | DIL-18/1P | NMOS | 0C/+75C | +5V | 40MXMA | TTL | TTL/TS | . | IM7114L3CPN |
| INS | DIL-18/1C | NMOS | 0C/+75C | +5V | 40MXMA | TTL | TTL/TS | . | IM7114LCJN |
| INS | DIL-18/1P | NMOS | 0C/+75C | +5V | 40MXMA | TTL | TTL/TS | . | IM7114LCPN |
| INS | DIL-18/1C | NMOS | 0C/+70C | +5V | 385MXMW | TTL | TTL | . | IM7141CJN |
| INS | DIL-18/1C | NMOS | 0C/+70C | +5V | 275MXMW | TTL | TTL | . | IM7141L2CJN |
| INS | DIL-18/1C | NMOS | 0C/+70C | +5V | 275MXMW | TTL | TTL | . | IM7141L3CJN |
| INS | DIL-18/1C | NMOS | 0C/+70C | +5V | 275MXMW | TTL | TTL | . | IM7141LCJN |
| INS | DIL-18/1C | NMOS | -55C/+125C | +5V | 495MXMW | TTL | TTL | . | IM7141MJN |
| INS | DIL-18/1C | NMOS | -55C/+125C | +5V | 495MXMW | TTL | TTL | . | IM7141MJN/B |
| INS | DIL-18/1C | NMOS | 0C/+70C | +5V | 385MXMW | TTL | TTL | . | IM7141-2CJN |
| INS | DIL-18/1C | NMOS | -55C/+125C | +5V | 495MXMW | TTL | TTL | . | IM7141-2MJN |
| INS | DIL-18/1C | NMOS | -55C/+125C | +5V | 495MXMW | TTL | TTL | . | IM7141-2MJN/B |
| INS | DIL-18/1C | NMOS | 0C/+70C | +5V | 385MXMW | TTL | TTL | . | IM7141-3CJN |
| INS | DIL-18/1C | NMOS | -55C/+125C | +5V | 495MXMW | TTL | TTL | . | IM7141-3MJN |
| INS | DIL-18/1C | NMOS | -55C/+125C | +5V | 495MXMW | TTL | TTL | . | IM7141-3MJN/B |
| INS | DIL-40/2C | CMOS | -20C/+70C | +5V | . | TTL | . | . | IM7226AIDL |
| INS | DIL-40/2P | CMOS | -20C/+70C | +5V | . | TTL | . | . | IM7226BIPL |
| NAT | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | UC1671A | INS1671D |
| NAT | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | UC1671B | INS1671N |
| NAT | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 30TPMA | TTL | TTL/TS | FD1771A | INS1771D-1 |
| NAT | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 30TPMA | TTL | TTL/TS | FD1771B | INS1771N-1 |
| NAT | DIL-40/2C | NMOS | 0C/+70C | +5V | 100TPMA | TTL | TTL/TS | . | INS8070 |
| NAT | DIL-40/2C | NMOS | 0C/+70C | +5V | 100TPMA | TTL | TTL/TS | . | INS8070D |
| NAT | DIL-40/2P | NMOS | 0C/+70C | +5V | 100TPMA | TTL | TTL/TS | . | INS8070J |
| NAT | DIL-40/2P | NMOS | 0C/+70C | +5V | 100TPMA | TTL | TTL/TS | . | INS8072XXXJ |
| NAT | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | D8080A | INS8080AD |
| NAT | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | D8080A-1 | INS8080AD-1 |
| NAT | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | D8080A-2 | INS8080AD-2 |
| NAT | DIL-28/2C | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL | D8251A | INS8251 |
| NAT | DIL-28/2C | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL | D8251 | INS8251D |
| NAT | DIL-40/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | D8225A | INS8255 |
| NAT | DIL-40/2C | NMOS | 0C/+70C | +5V | 40TPMA | TTL | TTL | C8255 | INS8255D |
| GEI | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | . | TTL | TTL | . | IOB1680-CERAMIC |
| GEI | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | . | TTL | TTL | . | IOB1680-PLASTIC |
| NAT | DIL-40/2C | PMOS | 0C/+70C | -7V/+5V | 135MXMA | TTL | TTL/TS | SC/MP | ISP-8A/500D |
| NAT | DIL-40/2C | NMOS | 0C/+70C | +5V | 45MXMA | TTL | TTL/TS | ISP-8A/600D | ISP-8A/600D |
| NAT | DIL-40/2C | NMOS | 0C/+70C | +5V | 45MXMA | TTL | TTL/TS | ISP-8A/600N | ISP-8A/600I |
| NAT | DIL-40/2P | NMOS | 0C/+70C | +5V | 45MXMA | TTL | TTL/TS | ISP-8A/600I | ISP-8A/600N |
| ITT | DIL-18/1C | PMOS | 0C/+70C | +16V/+19V | 59MXMA | MOS | SENSE AMP | D1103 | ITT1103 |
| ITT | DIL-18/1C | PMOS | 0C/+70C | +16V/+19V | 69MXMA | MOS | SENSE AMP | C1103-1 | ITT1103-1 |
| ITT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | MK4027P-2 | ITT4027-2 |
| ITT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMW | TTL | TTL/TS | MK4027P-3 | ITT4027-3 |
| ITT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMW | TTL | TTL/TS | MK4027P-4 | ITT-4027-4 |
| ITT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMW | TTL | TTL/TS | M4027-5DL | IT4027-6 |
| ITT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL | /TSMK4116P-2 | ITT4116-2 |
| ITT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | MK4116P-3 | ITT4116-3 |
| ITT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | MK4116P-4 | ITT4116-4 |
| ITT | DIL-28/2 | PMOS | 0C/+60C | -15V | 40MXMA | . | . | . | ITT7150 |
| ELA | DIL-24/2C | NMOS | -55C/+100C | +5V | 135MXMA | TTL | TTL/TS | D2308 | L2308A |
| ELA | DIL-24/2C | NMOS | -55C/+100C | +5V | 135MXMA | TTL | TTL/TS | EAB308ADL | L8308A |
| GEI | DIL-40/2C | PMOS | 0C/+75C | -12V/+5V | 500MXMW | +3.5/+0.8V | TTL | . | LP1000-CERAMIC |
| GEI | DIL-40/2P | PMOS | 0C/+75C | -12V/+5V | 500MXMW | +3.5/+0.8V | TTL | . | LP1000-PLASTIC |
| GEI | DIL-40/2C | PMOS | 0C/+75C | -12V/+5V | 500MXMW | +3.5/+0.8V | +3.5/+0.8V | . | LP1010C |
| GEI | DIL-40/2P | PMOS | 0C/+75C | -12V/+5V | 500MXMW | +3.5/+0.8V | +3.5/+0.8V | . | LP1010P |
| GEI | DIL-8/1C | PMOS | 0C/+75C | -12V/+5V | 500MXMW | +3.5/+0.8V | +3.5/+0.8V | . | LP1030C |
| GEI | DIL-8/1P | PMOS | 0C/+75C | -12V/+5V | 500MXMW | +3.5/+0.8V | +3.5/+0.8V | . | LP1030P |
| GEI | DIL-40/2C | PMOS | 0C/+75C | -12V/+5V | 500MXMW | +3.5/+0.8V | +3.5/+0.8V | LP6000P | LP6000C |
| GEI | DIL-40/2P | PMOS | 0C/+75C | -12V/+5V | 500MXMW | +3.5/+0.8V | +3.5/+0.8V | LP6000C | LP6000P |
| GEI | DIL-40/2C | PMOS | 0C/+75C | -12V/+5V | 1MXW | +3.5/+0.8V | +3.5/+0.8V | LP8000-PLAST | LP8000-CERAMIC |
| GEI | DIL-40/2P | PMOS | 0C/+75C | -12V/+5V | 1MXW | +3.5/+0.8V | +3.5/+0.8V | LP8000-CERAM | LP8000-PLASTIC |
| LSI | DIL-40/2- | PMOS | 0C/+70C | +4.75V TO +15V | . | CMOS | CMOS | . | LS7030 |
| LSI | DIL-40/2 | PMOS | 0C/+70C | +4.75V TO +15V | . | CMOS | CMOS | . | LS7031 |
| LSI | DIL-40/2 | MOS | 0C/+70C | +5V | . | TTL | TTL | . | LS7040 |
| LSI | DIL-40/2- | -MOS | 0C/+70C | +5V TO +15V | . | CMOS | CMOS | . | LS7050 |
| LSI | DIL-18/1- | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | LS7060 |
| LSI | DIL-24/2- | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | LS7061 |
| LSI | DIL-40/2- | -MOS | 0C/+70C | +5V | . | TTL | TTL | . | LS7090 |
| LSI | DIL-16/1- | PMOS | 0C/+70C | +5V | . | TTL | +60V | . | LS7100 |
| LSI | DIL-16/1- | PMOS | 0C/+70C | +5V | . | TTL | +60V | . | LS7110 |
| MIT | DIL-14/1P | PMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL | . | MSG1400P |
| MIT | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 280TPMW | TTL | TTL/TS | MK4116N-2 | M5K4116P-2 |
| MIT | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 280TPMW | TTL | TTL/TS | MK4116N-3 | M5K4116P-3 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| M5K4116P-4 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MUX ADDRESS LINES | GEN. PURP. |
| M5K4116S-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX ADDRESS LINES | GEN. PURP. |
| M5K4116S-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX ADDRESS LINES | GEN. PURP. |
| M5K4116S-4 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MUX ADDRESS LINES | GEN. PURP. |
| M5L2101AP | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| M5L2101AP-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| M5L2101AP-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| M5L2101AS | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| M5L2101AS-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| M5L2101AS-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| M5L2102AP-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| M5L2102AS-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| M5L2107BP | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| M5L2107BS | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| M5L2111AP | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | 8080 |
| M5L2111AP-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | 8080 |
| M5L2111AP-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 8080 |
| M5L2111AS | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | 8080 |
| M5L2111AS-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | 8080 |
| M5L2111AS-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 8080 |
| M5L2112AP | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 1CE ADDRESS LINES | 8080 |
| M5L2112AP-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 1CE ADDRESS LINES | 8080 |
| M5L2112AP-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 1CE ADDRESS LINES | 8080 |
| M5L2112AS | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 1CE ADDRESS LINES | 8080 |
| M5L2112AS-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 1CE ADDRESS LINES | 8080 |
| M5L2112AS-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 1CE ADDRESS LINES | 8080 |
| M5L2114LP | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| M5L2114LP-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| M5L2114LP-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| M5L2114LS | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| M5L2114LS-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| M5L2114LS-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| M5L2708K | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| M5L2708K-65 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 650NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| M5L2708S | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| M5L2708S-65 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 650NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| M5L2716K | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 3Y 1CS ADDRESS LINES/POWER DOWN | 8085/8080 |
| M5L2716K-65 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 3Y 1CS ADDRESS LINES/POWER DOWN | 8085/8080 |
| M5L5101LP-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| M5L8041A-XXXX | PIA | 8-BIT | UNIVERSAL 8-BIT PERIPHERAL INTERFACE/INT 1KX8 MROM, 64X8 ROM | 8080 |
| M5L8080AP | MPU | 8-BIT | 1-CHIP CPU OF M58710(=8080)FAM./MAX. CLOCK 3MHZ | 8080 |
| M5L8080AS | MPU | 8-BIT | 1-CHIP CPU OF M58710(=8080)FAM./MAX. CLOCK 3MHZ | 8080 |
| M5L8085AP | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./3MHZ CLOCK | 8085 |
| M5L8085AP-20 | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./2MHZ CLOCK | 8085 |
| M5L8085AS | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./3MHZ CLOCK | 8085 |
| M5L8085AS-20 | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./2MHZ CLOCK | 8085 |
| M5L8212P | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF M58710S(=8080) MICROCOMPUTER | 8080 |
| M5L8216P | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INV. | 8080 |
| M5L8224P | CLOCK | . | 2-PHASE CLOCK GEN DRIVER FOR 8080 FAM. | 8080 |
| M5L8226P | DRVR | 4-BIT | BIDIRECTIONAL BUS DRVR, INV./8080 FAM. | 8080 |
| M5L8228P | SYSC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080 FAM./ | 8080 |
| M5L8243P | EXPIO | 4-BIT | INPUT-OUTPUT EXPANDER FOR 4-BIT I-O PORTS/3MHZ CLOCK | GEN. PURP. |
| M5L8251AP | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH RECEIVER-TRANSMITTER | 8080 |
| M5L8253P | PTM | . | PROGRAMMABLE INTERVAL TIMER/THREE 16-BIT COUNTERS/DC-2MHZ | 8080 |
| M5L8253P-5 | PTM | . | PROGRAMMABLE INTERVAL TIMER/THREE 16-BIT COUNTERS/DC-2MHZ | 8085A |
| M5L8255AP | PIA | 8-BIT | PROG. I-O PORT | 8080 |
| M5L8255AP-5 | PIA | 8-BIT | PROG. I-O PORT | 8080 |
| M5L8257P | DMAC | 8-BIT | PROGRAMMABLE DMA CONTROLLER/3MHZ CLOCK | 8080 |
| M5L8257P-5 | DMAC | 8-BIT | PROGRAMMABLE DMA CONTROLLER | 8080 |
| M5L8279P | KBDS | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE/2MHZ CLOCK | 8080 |
| M5L8279P-5 | KBDS | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE/3MHZ CLOCK | 8080 |
| M5T4044P-20 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| M5T4044P-30 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| M5T4044P-45 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| M5T4044S-20 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| M5T4044S-30 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| M5T4044S-45 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| M120/O | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS | GEN. PURP. |
| M1403A | SHFTR | . | 1K=2X512 DYNAMIC SHIFT REG./5MHZ CLOCK SPEED/DUAL-512 | GEN. PURP. |
| M1404A | SHFTR | . | 1K=1X1024 DYNAMIC SHIFT REG./5MHZ CLOCK SPEED/SINGLE-1024 | GEN. PURP. |
| M1405A | SHFTR | . | 512 BIT DYNAMIC SHIFT REG./2MHZ CLOCK SPEED/SINGLE-512 | GEN. PURP. |
| M2102A/K | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| M2102A/M | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| M2102-4F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| M2102-4I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|--------------|----------------------|
| MIT | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 260TPMW | . TTL | TTL/TS | MK4116N-4 | M5K4116P-4 |
| MIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 280TPMW | . TTL | TTL/TS | MK4116P-2 | M5K4116S-2 |
| MIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 280TPMW | . TTL | TTL/TS | MK4116P-3 | M5K4116S-3 |
| MIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 260TPMW | . TTL | TTL/TS | MK4116P-4 | M5K4116S-4 |
| MIT | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 175TPMW | . TTL | TTL/TS | P2101A | M5L2101AP |
| MIT | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 200TPMW | . TTL | TTL/TS | P2101A | M5L2101AP-2 |
| MIT | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 150TPMW | . TTL | TTL/TS | P2101A-2 | M5L2101AP-4 |
| MIT | DIL-22/4S | NMOS | 0C/+70C | . . +5V | 175TPMW | . TTL | TTL/TS | C2101A | M5L2101AS |
| MIT | DIL-22/4S | NMOS | 0C/+70C | . . +5V | 200TPMW | . TTL | TTL/TS | C2101A | M5L2101AS-2 |
| MIT | DIL-22/4S | NMOS | 0C/+70C | . . +5V | 150TPMW | . TTL | TTL/TS | C2101A-2 | M5L2101AS-4 |
| MIT | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 100TPMW | . TTL | TTL/TS | P2102A-4 | M5L2102AP-4 |
| MIT | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 100TPMW | . TTL | TTL/TS | C2102A-4 | M5L2102AS-4 |
| MIT | DIL-22/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 300TPMW | . TTL | TTL/TS | B2107B | M5L2107BP |
| MIT | DIL-22/2S | NMOS | 0C/+70C | -5V/+5V/+12V | 300TPMW | . TTL | TTL/TS | B2107B | M5L2107BS |
| MIT | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 175TPMW | . TTL | TTL/TS | P2111A | M5L2111AP |
| MIT | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 200TPMW | . TTL | TTL/TS | P2111A-2 | M5L2111AP-2 |
| MIT | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 150TPMW | . TTL | TTL/TS | P2111A-4 | M5L2111AP-4 |
| MIT | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 175TPMW | . TTL | TTL/TS | C2111A | M5L2111AS |
| MIT | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 200TPMW | . TTL | TTL/TS | C2111A-2 | M5L2111AS-2 |
| MIT | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 150TPMW | . TTL | TTL/TS | C2111A-4 | M5L2111AS-4 |
| MIT | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 175TPMW | . TTL | TTL/TS | P2112A | M5L2112AP |
| MIT | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 200TPMW | . TTL | TTL/TS | P2112A-2 | M5L2112AP-2 |
| MIT | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 150TPMW | . TTL | TTL/TS | P2112A-4 | M5L2112AP-4 |
| MIT | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 175TPMW | . TTL | TTL/TS | C2112A | M5L2112AS |
| MIT | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 200TPMW | . TTL | TTL/TS | C2112A-2 | M5L2112AS-2 |
| MIT | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 150TPMW | . TTL | TTL/TS | C2112A-4 | M5L2112AS-4 |
| MIT | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 200TPMW | . TTL | TTL/TS | P2114L | M5L2114LP |
| MIT | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 300TPMW | . TTL | TTL/TS | P2114L-2 | M5L2114LP-2 |
| MIT | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 250TPMW | . TTL | TTL/TS | P2114L-3 | M5L2114LP-3 |
| MIT | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 200TPMW | . TTL | TTL/TS | C2114L | M5L2114LS |
| MIT | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 300TPMW | . TTL | TTL/TS | C2114L-2 | M5L2114LS-2 |
| MIT | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 250TPMW | . TTL | TTL/TS | C2114L-3 | M5L2114LS-3 |
| MIT | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 600TPMW | . TTL | TTL/TS | C2708 | M5L2708K |
| MIT | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 600TPMW | . TTL | TTL/TS | C2708 | M5L2708K-65 |
| MIT | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 600TPMW | . TTL | TTL/TS | C2708 | M5L2708S |
| MIT | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 600TPMW | . TTL | TTL/TS | C2708 | M5L2708S-65 |
| MIT | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 300TPMW | . TTL | TTL | D2716 | M5L2716K |
| MIT | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 300TPMW | . TTL | TTL | D2716 | M5L2716K-65 |
| MIT | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 75TPMW | . TTL | TTL/TS | P5101L-1 | M5L5101LP-1 |
| MIT | DIL-40/2P | NMOS | -20C/+70C | . . +5V | 300TPMW | . TTL | TTL | P8041A | M5L8041A-XXXX |
| MIT | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 780TPMW | . TTL | TTL/TS | P8080A | M5L8080AP |
| MIT | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 780TPMW | . TTL | TTL/TS | C8080A | M5L8080AS |
| MIT | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 600TPMW | . TTL | TTL | P8085A | M5L8085AP |
| MIT | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 600TPMW | . TTL | TTL | P8085A | M5L8085AP-20 |
| MIT | DIL-40/2S | NMOS | 0C/+70C | . . +5V | 600TPMW | . TTL | TTL | C8085A | M5L8085AS |
| MIT | DIL-40/2S | NMOS | 0C/+70C | . . +5V | 600TPMW | . TTL | TTL | C8085A | M5L8085AS-20 |
| MIT | DIL-24/2P | TTLB | 0C/+75C | . . +5V | 450TPMW | . TTL | TTL/TS | P8212 | M5L8212P |
| MIT | DIL-16/1P | TTLB | 0C/+70C | . . +5V | 475TPMW | . TTL | TTL/TS | P8216 | M5L8216P |
| MIT | DIL-16/1P | STLB | 0C/+75C | . +5V/+12V | 500MXMW | . TTL | TTL/TS | P8224 | M5L8224P |
| MIT | DIL-16/1P | BIP | 0C/+70C | . . +5V | 425TPMW | . TTL | TTL TS | P8226 | M5L8226P |
| MIT | DIL-28/2P | BIP | 0C/+75C | . . +5V | 650MXMW | . TTL | TTL/TS | P8228 | M5L8228P |
| MIT | DIL-24/2P | NMOS | -20C/+70C | . . +5V | 300TPMW | . TTL | TTL | P8243 | M5L8243P |
| MIT | DIL-28/2P | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL | P8251A | M5L8251AP |
| MIT | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 85MXMA | . TTL | TTL | P8253 | M5L8253P |
| MIT | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 85MXMA | . TTL | TTL | P8253-5 | M5L8253P-5 |
| MIT | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL | P8255A | M5L8255AP |
| MIT | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL | P8255A-5 | M5L8255AP-5 |
| MIT | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 300TPMW | . TTL | TTL | P8257 | M5L8257P |
| MIT | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 300TPMW | . TTL | TTL | P8257-5 | M5L8257P-5 |
| MIT | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 650TPMW | . TTL | TTL | P8279 | M5L8279P |
| MIT | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 650TPMW | . TTL | TTL | P8279-5 | M5L8279P-5 |
| MIT | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 300TPMW | . TTL | TTL/TS | TMS4044-20NL | M5T4044P-20 |
| MIT | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 250TPMW | . TTL | TTL/TS | TMS4044-30NL | M5T4044P-30 |
| MIT | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 200TPMW | . TTL | TTL/TS | TMS4044-45NL | M5T4044P-45 |
| MIT | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 300TPMW | . TTL | TTL/TS | TMS4044-20JL | M5T4044S-20 |
| MIT | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 250TPMW | . TTL | TTL/TS | TMS4044-30JL | M5T4044S-30 |
| MIT | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 200TPMW | . TTL | TTL/TS | TMS4044-45JL | M5T4044S-45 |
| SGS | DIL-18/1P | NMOS | 0C/+70C | . +12V | 30MXMA | . NMOS | NMOS | . | M120/O |
| INL | TO5-8/1M | PMOS | 0C/+70C | . -9V/+5V | 25MXMA | . TTL | MOS/TTL | . | M1403A |
| INL | TO5-8/1M | PMOS | 0C/+70C | . -9V/+5V | 25MXMA | . TTL | MOS/TTL | . | M1404A |
| INL | TO5-10/1M | PMOS | 0C/+70C | . -9V/+5V | 40MXMA | . TTL | TTL | . | M1405A |
| SGS | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | D2102A | M2102A/K |
| SGS | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | P2102A | M2102A/M |
| PHI | DIL-16/1C | NMOS | -55C/+125C | . . +5V | 55MXMA | . TTL | TTL/TS | NM2102-2MD | M2102-4F |
| PHI | DIL-16/1C | NMOS | -55C/+125C | . . +5V | 55MXMA | . TTL | TTL/TS | NM2102-2MD | M2102-4I |

| DEVICE TYPE NO | FUNCI ON app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| M2102-6F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| M2102-6I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| M2316E/U | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 3CS LINES | 8080 |
| M2316E/X | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 3CS LINES | 8080 |
| M2704/X(1) | EPROM | 8-BIT | 4K=512X8/MAX. ACCESS 450NS/5X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| M2708/X(1) | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| M3850/R | CPU | 8-BIT | 1-CHIP CENTRAL PROCESSING UNIT FOR F8 FAMILY/70 INSTNS. | F8 |
| M3851/R | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT. 64X8 RAM, IO, PROG. TIMER | F8 |
| M3852/R | DMI | 8-BIT | DYNAMIC MEM. IFACE FOR F8 FAM. | F8 |
| M3853/R | MEMCT | 8-BIT | STATIC MEMORY INTERFACE FOR F8 FAMILY | F8 |
| M3854/R | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER FOR F8 FAMILY | F8 |
| M3856/R | PSU | 8-BIT | PROGRAM STORAGE UNIT FOR F8 FAM./INT MROM | F8 |
| M3857/R | PSU | 8-BIT | PROGRAM STORAGE UNIT AND STATIC MEMORY IFACE FOR F8 FAM. | F8 |
| M3861/R | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT FOR F8 FAM. 3850 CPU | F8 |
| M3870/R | MPU | 8-BIT | 1-CHIP MICROCOMPUTER WITH 32 I-O LINES, INTERRUPT AND TIMER | 3870 |
| M3871/R | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT FOR F8 FAM./COUNTER | F8(3850) |
| M4027P/K | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. 1CS ADDRSS LINES | GEN. PURP. |
| M4027P/M | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. 1CS ADDRESS LINES | GEN. PURP. |
| M4027-2DC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| M4027-2DL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| M4027-2PC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| M4027-3DC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| M4027-3DL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| M4027-3PC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| M4027-4DC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| M4027-4DL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| M4027-4PC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| M4027-5DC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| M4027-5DL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| M4027-5PC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS MULTIPLEXED 1CS LINES | GEN. PURP. |
| M4116P/K | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| M4116P/M | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| M40272FL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40272DC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40272DL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40272FC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40272PC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40273DC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40273DL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 ADDRESS LINES | GEN. PURP. |
| M40273FC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40273FL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40273PC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40274DC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS LINES | GEN. PURP. |
| M40274DL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40274FC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40274FL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40274PC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40275DC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS LINES | GEN. PURP. |
| M40275DL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40275FC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40275FL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M40275PC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M53289P | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| M54550P | CLOCK | . | 2-PHASE CLOCK GEN. DRIVER FOR M58710S(8080) FAM./NOW M5L8224P | 8080 |
| M54551K | SYSC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR M58710S(=8080) CPU/NOW M5L8228P | 8080 |
| M54551P | SYSC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080 FAM. | 8080 |
| M54552P | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF M58710S(=8080)MICROCOMPUTER/NOW M5L8212P | 8080 |
| M54553P | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INV./NOW M5L8216P | 8080 |
| M54554P | DRVR | 4-BIT | BIDIRECTIONAL BUS DRVR, INV./M58710S (=8080) FAM./NOW M5L8226P | 8080 |
| M54700K | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| M54700P | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| M54730P | PROM | 8-BIT | 256=32X8 /MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| M54730S | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| M58332-XXS | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 750NS | GEN. PURP. |
| M58333-XXP | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 650NS | GEN. PURP. |
| M58334-XXP | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 650NS | GEN. PURP. |
| M58494-XXXP | MICMP | 4-BIT | 1-CHIP 4-BIT MICROCOMPUTER/INT. 4KX10 MROM, 128-BIT RAM, A-D CVR | SPECIAL |
| M58502P | SHFTR | 4-BIT | 1K=4X256/DYNAMIC SHIFT REGISTER/3MHZ CLOCK/QUAD 256 | GEN. PURP. |
| M58503P | SHFTR | 2-BIT | 1K=2X512 DYNAMIC SHIFT REGISTER/3MHZ CLOCK | GEN. PURP. |
| M58504P | SHFTR | 1-BIT | 1K=1X1024 DYNAMIC SHIFT REGISTER/3MHZ CLOCK | GEN. PURP. |
| M58531P | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1.5uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| M58563S | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS, 1CS LINES | GEN. PURP. |
| M58563S-1 | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.5uS/8 ADDRESS, 1CS LINES | GEN. PURP. |
| M58609-XXS | KBENC | . | KEYBOARD ENCODER/100KHZ MAX. FREQUENCY | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| PHI | DIL-16/1C | NMOS | -55C/+125C | . . . +5V | 60MXMA | . TTL | TTL/TS | MD2102A-4 | M2102-6F |
| PHI | DIL-16/1C | NMOS | -55C/+125C | . . . +5V | 60MXMA | . TTL | TTL/TS | MD2102A-4 | M2102-6I |
| SGS | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS | D2316E | M2316E/U |
| SGS | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS | D2316E | M2316E/X |
| SGS | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 800MXMW | . TTL | TTL/TS | D2704 | M2704/X(1) |
| SGS | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | B2708 | M2708/X(1) |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 700MXMW | . TTL | . TTL | F3850DC | M3850/R |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 565MXMW | . TTL | . TTL | F3851DC | M3851/R |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 710MXMW | . TTL | . TTL | F3852DC | M3852/R |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 710MXMW | . TTL | . TTL | F3853DC | M3853/R |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 600MXMW | . TTL | . TTL | F3854DC | M3854/R |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | F3856DC | M3856/R |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | F3857DC | M3857/R |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 1.17MXW | . TTL | . TTL | F3861DC | M3861/R |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | . TTL | MC3870L | M3870/R |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 565MXMW | . TTL | . TTL | F3871DC | M3871/R |
| SGS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027N-4 | M4027P/K |
| SGS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-4 | M4027P/M |
| FAS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-2 | M4027-2DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-2 | M4027-2DL |
| FAS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027N-2 | M4027-2PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-3 | M4027-3DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-3 | M4027-3DL |
| FAS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027N-3 | M4027-3PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-4 | M4027-4DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-4 | M4027-4DL |
| FAS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027N-4 | M4027-4PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | M4027-5DL | M4027-5DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | M4027-5DC | M4027-5DL |
| FAS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027N-4 | M4027-5PC |
| SGS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 430MXMW | . TTL | TTL/TS | MK4116J-3 | M4116P/K |
| SGS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 430MXMW | . TTL | TTL/TS | MK4116J-3 | M4116P/M |
| FAS | FLP-16/3C | NMOS | -55C/+85C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-1 | M40272FL |
| FAS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-1 | M40272DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | M40272DL |
| FAS | FLP-16/3C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | M40272FC |
| FAS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027N-2 | M40272PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-3 | M40273DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | M40273DL |
| FAS | FLP-16/3C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | M40273FC |
| FAS | FLP-16/3C | NMOS | -55C/+85C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | M40273FL |
| FAS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027N-3 | M40273PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4023P-4 | M40274DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | M40274DL |
| FAS | FLP-16/3C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | M40274FC |
| FAS | FLP-16/3C | NMOS | -55C/+85C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | M40274FL |
| FAS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027N-4 | M40274PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027N-5 | M40275DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | M40275DL |
| FAS | FLP-16/3C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK40275FL | M40275FC |
| FAS | FLP-16/3C | NMOS | -55C/+85C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | M40275FL |
| FAS | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027N-5 | M40275PC |
| MIT | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 375TPMW | . TTL | TTL/OC | N74S89B | M53289P |
| MIT | DIL-16/1P | STLB | 0C/+70C | . . . +5V/+12V | 500MXMW | . TTL | TTL | P8224 | M54550P |
| MIT | DIL-28/2C | TTLB | 0C/+70C | . . . +5V | 650MXMW | . TTL | TTL/TS | D8228 | M54551K |
| MIT | DIL-28/2P | BIP | 0C/+75C | . . . +5V | 650MXMW | . TTL | TTL/TS | P8228 | M54551P |
| MIT | DIL-24/2P | TTLB | 0C/+75C | . . . +5V | 450TPMW | . TTL | TTL/TS | P8212 | M54552P |
| MIT | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 475TPMW | . TTL | TTL/TS | P8216 | M54553P |
| MIT | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 425TPMW | . TTL | TTL/TS | P8226 | M54554P |
| MIT | DIL-16/1C | BIP | 0C/+70C | . . . +5V | 450TPMW | . TTL | TTL/OC | MMI6300J | M54700K |
| MIT | DIL-16/1P | BIP | 0C/+70C | . . . +5V | 450TPMW | . TTL | TTL/OC | MMI6300N | M54700P |
| MIT | DIL-16/1P | BIP | 0C/+70C | . . . +5V | 450TPMW | . TTL | TTL/OC | MMI6300J | M54700S |
| MIT | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 600MXMW | . TTL | TTL/OC | MMI6330-1 | M54730P |
| MIT | DIL-16/1C | BIP | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL/OC | MMI6330-1 | M54730S |
| MIT | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 300TPMW | . TTL | . TTL | | M58332-XXXX |
| MIT | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 300TPMW | . TTL | . TTL | | M58333-XXXX |
| MIT | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 300TPMW | . TTL | . TTL | | M58334-XXXX |
| MIT | DIL-68/3C | CMOS | -10C/+70C | . . . +5V | 5TPMW | . TTL | . TTL | | M58494-XXXX |
| MIT | DIL-16/1P | PMOS | -10C/+75C | . . . -5V/+5V | 15TPMW | . TTL | . TTL | P1402A | M58502P |
| MIT | DIL-16/1P | PMOS | -10C/+75C | . . . -5V/+5V | 15TPMW | . TTL | . TTL | | M58503P |
| MIT | DIL-16/1P | PMOS | -10C/+75C | . . . -5V/+5V | 15TPMW | . TTL | . TTL | | M58504P |
| MIT | DIL-16/1P | PMOS | -10C/+75C | . . . -9V/+5V | 360TPMW | . TTL | . TTL | | M58531P |
| MIT | DIL-24/2Q | PMOS | 0 | . . . -9V/+5V | 300TPMW | . TTL | TTL/TS | AM1101A | M58563S |
| MIT | DIL-24/2Q | PMOS | 0 | . . . -9V/+5V | 300TPMW | . TTL | TTL/TS | C1702A | M58563S-1 |
| MIT | DIL-40/2C | PMOS | -20C/+75C | . . . -12V/+5V | 707TPMW | . TTL | . TTL | AY-5-2376 | M58609-XXS |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| M58609-04P | KBENC | . | KEYBOARD ENCODER/100KHZ MAX. FREQUENCY/JAP. IND. STD | GEN. PURP. |
| M58609-04S | KBENC | . | KEYBOARD ENCODER/100KHZ MAX. FREQUENCY/JAP. IND. STD | GEN. PURP. |
| M58609-09S | KBENC | . | KEYBOARD ENCODER/100KHZ MAX. FREQUENCY US ASCII CODE STD PRODUCT | GEN. PURP. |
| M58609-09P | KBENC | . | KEYBOARD ENCODER/100KHZ MAX. FREQUENCY/US ASCII CODE STD PRODUCT | GEN. PURP. |
| M58620-XXXX | KBENC | . | KEYBOARD ENCODER | GEN. PURP. |
| M58620-001S | KBENC | . | KEYBOARD ENCODER/JAP. IND. STD | GEN. PURP. |
| M58651S | EAROM | 4-BIT | 4K=1024X4/MAX. ACCESS 3uS | GEN. PURP. |
| M58654P | EAROM | 14-BIT | 1400=100X14/MAX. ACCESS 20uS/NOW M5G1400P | GEN. PURP. |
| M58656S | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1.5uS/NON VOLATILE | GEN. PURP. |
| M58710P | MPU | 8-BIT | 1-CHIP CPU OF M58710(=8080)FAM./MAX. CLOCK 2MHZ/NOW M5L8080AP | 8080 |
| M58710S | MPU | 8-BIT | 1-CHIP CPU OF M58710(=8080)FAM./MAX. CLOCK 2MHZ/NOW M5L8080AS | 8080 |
| M58712P | CPU | 8-BIT | 1-CHIP CPU OF M58712 (=8085) FAM./INT. CLK./NOW M5L8085AP | 8085 |
| M58712P-20 | CPU | 8-BIT | 1-CHIP CPU OF M58712 (=8085) FAM./INT. CLK./NOW M5L8085AP-20 | 8085 |
| M58712S | CPU | 8-BIT | 1-CHIP CPU OF M58712 (=8085) FAM./INT. CLK./NOW M5L8085AS | 8085 |
| M58712S-20 | CPU | 8-BIT | 1-CHIP CPU OF M58712 (=8085) FAM./INT. CLK./NOW M5L8085AS-20 | 8085 |
| M58721P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDR. LINES/NOW M5L2101AP-4 | GEN. PURP. |
| M58721S | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDR. LINES/NOW M5L2101AS-4 | GEN. PURP. |
| M58722P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDR. LINES/NOW M5L2111AP-4 | 8080 |
| M58722S | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDR. LINES/NOW M5L2111AS-4 | 8080 |
| M58723P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 1CE ADDR. LINES/NOW M5L2112AP-4 | 8080 |
| M58723S | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 1CE ADDR. LINES/NOW M5L2112AS-4 | 8080 |
| M58724P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDR. LINES/NOW M5L2114LP | 8080 |
| M58724P-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDR. LINES/NOW M5L2114LP-2 | 8080 |
| M58724P-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDR. LINES/NOW M5L2114P-3 | 8080 |
| M58724S | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDR. LINES/NOW M5L2114LS | 8080 |
| M58724S-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDR. LINES/NOW M5L2114LS-2 | 8080 |
| M58724S-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDR. LINES/NOW M5L2114LS-3 | 8080 |
| M58730-XXXX | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 850NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| M58730-001S | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 850NS/6X 4Y 2CS ADDRESS LINES/DEDICATED | GEN. PURP. |
| M58731-XXXX | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| M58731-001S | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/7X 4Y 3CS ADDRESS LINES/DEDICATED | GEN. PURP. |
| M58732S | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDR. LINES/NOW M5L2708S | GEN. PURP. |
| M58732S-1 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 650NS/6X 4Y 1CS ADDR. LINES/NOW M5L2708S65 | GEN. PURP. |
| M58740P | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAM. | 8080 |
| M58740S | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAM. | 8080 |
| M58741P | DSPLC | . | TV INTERFACE FOR MICROCOMPUTER/64X64 COLOR SEGMENTS DISPLAY | GEN. PURP. |
| M58743P | KBOSC | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE/2MHZ CLOCK/NOW M5L8279P | 8080 |
| M58743S | KBOSC | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE FOR 8080 FAMILY | 8080 |
| M58751P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDR. LINES/NOW M5L2102AP4 | GEN. PURP. |
| M58751S | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDR. LINES/NOW M5L2102AS4 | GEN. PURP. |
| M58754P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDR. LINES/NOW M5T4044P-45 | GEN. PURP. |
| M58754P-2 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDR. LINES/NOW M5T4044P-20 | GEN. PURP. |
| M58754P-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDR. LINES/NOW M5T4044P-30 | GEN. PURP. |
| M58754S | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDR. LINES/NOW M5T4044S-45 | GEN. PURP. |
| M58754S-2 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDR. LINES/NOW M5T4044S-20 | GEN. PURP. |
| M58754S-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDR. LINES/NOW M5T4044S-30 | GEN. PURP. |
| M58755P-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDR. LINES/NOW M5L2107BP | GEN. PURP. |
| M58755P-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 270NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| M58755P-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| M58755S-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDR. LINES/NOW M5L2107BS | GEN. PURP. |
| M58755S-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 270NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| M58755S-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| M58756S | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| M58759P-15 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX ADDRESS LINES/NOW M5K4116P-2 | GEN. PURP. |
| M58759P-20 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX ADDRESS LINES | GEN. PURP. |
| M58759P-25 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MUX ADDRESS LINES | GEN. PURP. |
| M58759S-15 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX ADDRESS LINES/NOW M5K4116S-2 | GEN. PURP. |
| M58759S-20 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX ADDRESS LINES/NOW M5K4116P-2 | GEN. PURP. |
| M58759S-25 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MUX ADDRESS LINES | GEN. PURP. |
| M58840-XXP | MICOMP | 4-BIT | 1-CHIP 4-BIT MICROCOMPUTER/INTERNAL 2KX9 MROM, 128X4 RAM/A-D CVR | SPECIAL |
| M58842S | MICOMP | 4-BIT | 1-CHIP 4-BIT SYST. EVALUATOR/EXT. ROM/INT. 128X4 RAM/A-D CVR | SPECIAL |
| M58980P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDR. LINES/NOW M5L5101LP-1 | GEN. PURP. |
| M58981S-45 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MB2716 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085/8080 |
| MB5101L-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDR. LINES/200uA STANDBY | GEN. PURP. |
| MB5101L4/B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDR. LINES/MIL STD 883 | GEN. PURP. |
| MB5101L4/C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDR. LINES/MIL STD 883 | GEN. PURP. |
| MB5101L4/MT | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDR. LINES/MIL STD 883 | GEN. PURP. |
| MB5101-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDR. LINES/200uA STANDBY | GEN. PURP. |
| MB7042 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 15NS/5X 3Y 3CS ADDRESS LINES | GEN. PURP. |
| MB7042H | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 14NS/4X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| MB7051 | PROM | 8-BIT | 256=32X8/MAX. ACCESS 75NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| MB7052 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CE ADDR. LINES | GEN. PURP. |
| MB7053 | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/5X 4Y 1CE ADDR. LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|--------------|----------------|
| MIT | DIL-40/2C | PMOS | -20C/+75C | -12V/+5V | 70TPMW | TTL | TTL | | M58609-04P |
| MIT | DIL-40/2C | PMOS | -20C/+75C | -12V/+5V | 70TPMW | TTL | TTL | | M58609-04S |
| MIT | DIL-40/2C | PMOS | -20C/+70C | -12V/+5V | 70TPMW | TTL | TTL | | M58609-09S |
| MIT | DIL-40/2P | PMOS | -20C/+75C | -12V/+5V | 70TPMW | TTL | TTL | | M58609-09P |
| MIT | DIL-40/2C | PMOS | -20C/+75C | -12V/+5V | 350TPMW | TTL | TTL | | M58620-XXXS |
| MIT | DIL-40/2C | PMOS | -20C/+75C | -12V/+5V | 350TPMW | TTL | TTL | | M58620-001S |
| MIT | DIL-24/2C | PMOS | 0C/+70C | -14V/+5V | 160TPMW | TTL | TTL | ER2401 (CER) | M58651S |
| MIT | DIL-14/1P | PMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL | | M58654P |
| MIT | DIL-18/1C | PMOS | 0C/+70C | -15V/+5V | 500TPMW | TTL | TTL | TMM142C | M58656S |
| MIT | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 780TPMW | TTL | TTL/TS | P8080A | M58710P |
| MIT | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 780TPMW | TTL | TTL/TS | C8080A | M58710S |
| MIT | DIL-40/2P | NMOS | 0C/+70C | +5V | 600TPMW | TTL | TTL | P8085A | M58712P |
| MIT | DIL-40/2P | NMOS | 0C/+70C | +5V | 600TPMW | TTL | TTL | P8085A | M58712P-20 |
| MIT | DIL-40/2C | NMOS | 0C/+70C | +5V | 600TPMW | TTL | TTL | D8085A | M58712S |
| MIT | DIL-40/2C | NMOS | 0C/+70C | +5V | 600TPMW | TTL | TTL | D8085A | M58712S-20 |
| MIT | DIL-22/4P | NMOS | 0C/+70C | +5V | 150TPMW | TTL | TTL/TS | P2101A-4 | M58721P |
| MIT | DIL-22/4C | NMOS | 0C/+70C | +5V | 150TPMW | TTL | TTL/TS | C2102A-4 | M58721S |
| MIT | DIL-18/1P | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | P2111A-4 | M58722P |
| MIT | DIL-18/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | C2111A-4 | M58722S |
| MIT | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2112A-4 | M58723P |
| MIT | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2112A-4 | M58723S |
| MIT | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | P2114 | M58724P |
| MIT | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | P2114-2 | M58724P-2 |
| MIT | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | P2114-3 | M58724P-3 |
| MIT | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | D2114 | M58724S |
| MIT | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | D2114-2 | M58724S-2 |
| MIT | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | D2114-3 | M58724S-3 |
| MIT | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 250TPMW | TTL | TTL/TS | D8308 | M58730-XXXS |
| MIT | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 250TPMW | TTL | TTL/TS | | M58730-001S |
| MIT | DIL-24/2C | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | D8316A | M58731-XXXS |
| MIT | DIL-24/2C | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | | M58731-001S |
| MIT | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 600TPMW | TTL | TTL/TS | C2708 | M58732S |
| MIT | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 600TPMW | TTL | TTL/TS | C2708 | M58732S-1 |
| MIT | DIL-40/2P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | P8255 | M58740P |
| MIT | DIL-40/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | C8255 | M58740S |
| MIT | DIL-40/2P | NMOS | 0C/+70C | +5V | 300TPMW | TTL | TTL | | M58741P |
| MIT | DIL-40/2P | NMOS | 0C/+70C | +5V | 650TPMW | TTL | TTL | P8279 | M58743P |
| MIT | DIL-40/2S | NMOS | 0C/+70C | +5V | 650TPMW | TTL | TTL | D8279 | M58743S |
| MIT | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2102A-4 | M58751P |
| MIT | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | C2102A-4 | M58751S |
| MIT | DIL-18/1P | NMOS | 0C/+70C | +5V | 440MXMW | TTL | TTL/TS | TMS4044-45NL | M58754P |
| MIT | DIL-18/1P | NMOS | 0C/+70C | +5V | 440MXMW | TTL | TTL/TS | TMS4044-20NL | M58754P-2 |
| MIT | DIL-18/1P | NMOS | 0C/+70C | +5V | 440MXMW | TTL | TTL/TS | TMS4044-30NL | M58754P-3 |
| MIT | DIL-18/1C | NMOS | 0C/+70C | +5V | 440MXMW | TTL | TTL/TS | TMS4044-45JL | M58754S |
| MIT | DIL-18/1C | NMOS | 0C/+70C | +5V | 440MXMW | TTL | TTL/TS | TMS4044-20JL | M58754S-2 |
| MIT | DIL-18/1C | NMOS | 0C/+70C | +5V | 440MXMW | TTL | TTL/TS | TMS4044-30JL | M58754S-3 |
| MIT | DIL-22/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | TTL | TTL/TS | P2107C | M58755P-1 |
| MIT | DIL-22/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | TTL | TTL/TS | P2107C | M58755P-2 |
| MIT | DIL-22/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | TTL | TTL/TS | | M58755P-3 |
| MIT | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | TTL | TTL/TS | D2107C | M58755S-1 |
| MIT | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | TTL | TTL/TS | D2107C | M58755S-2 |
| MIT | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | TTL | TTL/TS | | M58755S-3 |
| MIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | D2104A-4 | M58756S |
| MIT | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 280TPMW | TTL | TTL/TS | MK4116N-2 | M58759P-15 |
| MIT | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 280TPMW | TTL | TTL/TS | MK4116N-3 | M58759P-20 |
| MIT | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 260TPMW | TTL | TTL/TS | MK4116N-4 | M58759P-25 |
| MIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 280TPMW | TTL | TTL/TS | MK4116P-2 | M58759S-15 |
| MIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | MK4116P-3 | M58759S-20 |
| MIT | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 260TPMW | TTL | TTL/TS | MK4116P-4 | M58759S-25 |
| MIT | DIL-42/2P | PMOS | -10C/+70C | -15V | 250TPMW | TTL | TTL | | M58840-XXP |
| MIT | DIL-64/2C | PMOS | -10C/+70C | -15V | 250TPMW | TTL | TTL | | M58842S |
| MIT | DIL-22/4C | CMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | C5101-1 | M58980P |
| MIT | DIL-18/1C | CMOS | 0C/+70C | +5V | 75TPMW | TTL | TTL/TS | | M58981S-45 |
| INL | DIL-24/2Q | NMOS | -55C/+100C | +5V | 105MXMA | TTL | TTL/TS | MD2716 | MB2716 |
| INL | DIL-22/4C | CMOS | -55C/+125C | +5V | 168MXMW | TTL | TTL/TS | | MB5101L-4 |
| INL | DIL-22/4C | CMOS | -55C/+125C | +5V | 168MXMW | TTL | TTL/TS | | MB5101L4/B |
| INL | DIL-22/4C | CMOS | -55C/+125C | +5V | 168MXMW | TTL | TTL/TS | MC5101L4/C | MB5101L4/C |
| INL | DIL-22/4C | CMOS | -55C/+125C | +5V | 168MXMW | TTL | TTL/TS | MC5101L-4/MT | MB5101L4/MT |
| INL | DIL-22/4C | CMOS | -55C/+125C | +5V | 168MXMW | TTL | TTL/TS | | MB5101-4 |
| FUJ | DIL-16/1C | ECL | 0C/+75C | -5.2V | 750MXMW | ECL | ECL | MCM10152L | MB7042 |
| FUJ | DIL-16/1C | ECL | 0C/+75C | -5.2V | 700MXMW | ECL | ECL | MCM10146L | MB7042H |
| FUJ | DIL-16/1C | ECL | 0C/+75C | -5.2V | 520TPMW | ECL | ECL | MCM10147L | MB7047 |
| FUJ | DIL-16/1C | BIP | 0C/+75C | +5V | 525MXMW | TTL | TTL/TS | IM5610CDE | MB7051 |
| FUJ | DIL-16/1C | TTLB | 0C/+75C | +5V | 685MXMW | TTL | TTL/TS | IM5623CDE | MB7052 |
| FUJ | DIL-16/1C | BIP | 0C/+75C | +5V | 735MXMW | TTL | TTL/TS | IM5624CDE | MB7053 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| MB7054 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 70NS | GEN. PURP. |
| MB7055 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 250NS | GEN. PURP. |
| MB7056 | PROM | 8-BIT | 256=32X8/MAX. ACCESS 75NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| MB7057 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MB7058 | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/5X 4Y 1CE ADDRESS LINES | GEN. PURP. |
| MB7059 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 70NS | GEN. PURP. |
| MB7060 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 250NS | GEN. PURP. |
| MB7067 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 35NS | GEN. PURP. |
| MB7072E | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 12NS | GEN. PURP. |
| MB7072N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 15NS | GEN. PURP. |
| MB7077 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 25NS | GEN. PURP. |
| MB8101A/B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MB8101A/C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MB8101A/MT | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MB8101E | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/ 5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MB8101N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/ 5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MB8102 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| MB8107H | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MB8107N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MB8107Y | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MB8111E | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MB8111N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MB8112E | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 1CE ADDRESS LINES | 8080 |
| MB8112N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 1CE ADDRESS LINES | 8080 |
| MB8114E | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| MB8114EL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| MB8114H | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| MB8114N | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| MB8114NL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| MB8116E | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX. ADDR. LINES | GEN. PURP. |
| MB8116H | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX. ADDR. LINES | GEN. PURP. |
| MB8116N | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MUX. ADDR. LINES | GEN. PURP. |
| MB8215E | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 100NS | GEN. PURP. |
| MB8224E | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 230NS/6 ADDRESS MULTIPLEXED 1CS 2 STROBES | F8 |
| MB8224N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 280NS/6 ADDRESS MULTIPLEXED 1CS 2 STROBES | F8 |
| MB8227E | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 MUX. ADDR. 1CS LINES/LO PWR STNDBY | GEN. PURP. |
| MB8227H | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 MUX. ADDR. 1CS LINES/LO PWR STNDBY | GEN. PURP. |
| MB8227N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. ADDR. 1CS LINES/LO PWR STNDBY | GEN. PURP. |
| MB8308E | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 250NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| MB8308N | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| MB8401E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 290NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| MB8401N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CS ADDRESS LINES/2V RETENTION | 6100 |
| MB8411E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 290NS/5X 5Y 2CS ADDRESS LINES/2V RETENTION | 6100 |
| MB8411N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 2CS ADDRESS LINES/2V RETENTION | 6100 |
| MB8518E | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 650NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MB8518H | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM2115E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM2115H | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM2115N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 120NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM2115Y | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM2125E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM2125H | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM2125N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 120NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM2125Y | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM2716 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 5Y 1CS ADDRESS LINES | 8085/8080 |
| MBM4044E | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM4044N | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM10410 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/4X 4Y 3CS ADDRESS LINES | 10800 |
| MBM10415A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES | 10800 |
| MBM10415AH | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 20NS/5X 5Y 1CS ADDRESS LINES | 10800 |
| MBM93415A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM93415AH | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 30NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MBM93419 | SRAM | 9-BIT | 576=64X9/MAX. ACCESS 45NS/5X 1Y 1CS ADDRESS LINES/INVERTED O-P | GEN. PURP. |
| MC8T26AL | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER | 6800 |
| MC8T26AP | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER/MAX. DELAY 14NS | 6800 |
| MC8T26L | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER | 6800 |
| MC8T26P | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER | 6800 |
| MC8T28L | TRCVR | 4-BIT | NON-INVERTING 3-STATE BUS TRANSCEIVER | 6800 |
| MC8T28P | TRCVR | 4-BIT | NON-INVERTING 3-STATE BUS TRANSCEIVER | 6800 |
| MC8T95L | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/NON-INV./MAX. DELAY 12NS | 6800 |
| MC8T95P | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/NON-INV./MAX. DELAY 12NS | 6800 |
| MC8T96L | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX. DELAY 11NS | 6800 |
| MC8T96P | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX. DELAY 11NS | 6800 |
| MC8T97L | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/NON-INV./MAX. DELAY 12NS | 6800 |
| MC8T97P | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/NON-INV./MAX. DELAY 12NS | 6800 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|--------------|----------------|
| FUJ | DIL-18/1C | TTLB | 0C/+75C | . . +5V | 685MXMW | . TTL | TTL/TS | . . . | MB7054 |
| FUJ | DIL-24/2C | BIP | 0C/+75C | . . +5V | 525MXMW | . TTL | TTL/TS | . . . | MB7055 |
| FUJ | DIL-16/1C | BIP | 0C/+75C | . . +5V | 525MXMW | . TTL | TTL/OC | IM5600CDE | MB7056 |
| FUJ | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 685MXMW | . TTL | TTL/OC | IM5603CDE | MB7057 |
| FUJ | DIL-16/1C | BIP | 0C/+75C | . . +5V | 735MXMW | . TTL | TTL/OC | IM5604 | MB7058 |
| FUJ | DIL-18/1C | TTLB | 0C/+75C | . . +5V | 685MXMW | . TTL | TTL/OC | IM56S06 | MB7059 |
| FUJ | DIL-24/2C | BIP | 0C/+75C | . . +5V | 525MXMW | . TTL | TTL/OC | . . . | MB7060 |
| FUJ | DIL-22/4C | TTLB | 0C/+70C | . . -5.2V | 500TPMW | . TTL | TTL/OC | . . . | MB7067 |
| FUJ | DIL-22/4C | ECL | 0C/+75C | . . -5.2V | 620MXMW | . ECL | ECL | . . . | MB7072E |
| FUJ | DIL-22/4C | ECL | 0C/+75C | . . -5.2V | 620MXMW | . ECL | ECL | . . . | MB7072N |
| FUJ | DIL-22/4C | ECL | 0C/+75C | . . -5.2V | 500TPMW | . ECL | ECL | . . . | MB7077 |
| INL | DIL-22/4C | NMOS | -55C/+125C | . . +5V | 70MXMA | . TTL | TTL/TS | . . . | MB8101A/B |
| INL | DIL-22/4C | NMOS | -55C/+125C | . . +5V | 70MXMA | . TTL | TTL/TS | . . . | MB8101A/C |
| INL | DIL-22/4C | NMOS | -55C/+125C | . . +5V | 70MXMA | . TTL | TTL/TS | . . . | MB8101A/MT |
| FUJ | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | C2101A-2 | MB8101E |
| FUJ | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | . . . | MB8101N |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | D2102A | MB8102 |
| FUJ | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 680MXMW | . TTL | TTL/TS | B2107B | MB8107H |
| FUJ | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 680MXMW | . TTL | TTL/TS | B2107B-5 | MB8107N |
| FUJ | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 760MXMW | . TTL | TTL/TS | TMS4060-3JL | MB8107Y |
| FUJ | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | D2111A-2 | MB8111E |
| FUJ | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | D2111A-4 | MB8111N |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | D2112A-2 | MB8112E |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | D2112A-4 | MB8112N |
| FUJ | DIL-18/1- | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | D2114-2 | MB8114E |
| FUJ | DIL-18/1- | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | D2114L-2 | MB8114EL |
| FUJ | DIL-18/1- | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | D2114-3 | MB8114H |
| FUJ | DIL-18/1- | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | D2114-3 | MB8114N |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 460MXMW | . TTL | TTL/TS | MK4116P-3 | MB8116E |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 460MXMW | . TTL | TTL/TS | MK4116P-2 | MB8116H |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 460MXMW | . TTL | TTL/TS | MK4116P-4 | MB8116N |
| FUJ | DIL-22/4C | NMOS | 0C/+70C | -5.2V/+7V/+12V | 530MXMW | . ECL | ECL | . . . | MB8215E |
| FUJ | DIL-16/1- | NMOS | 0C/+70C | -5V/+5V/+12V | 460MXMW | . TTL | TTL/TS | 40962DC | MB8224E |
| FUJ | DIL-16/1- | NMOS | 0C/+70C | -5V/+5V/+12V | 460MXMW | . TTL | TTL/TS | 40963DC | MB8224N |
| FUJ | DIL-16/1- | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027J-3 | MB8227E |
| FUJ | DIL-16/1- | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027J-2 | MB8227H |
| FUJ | DIL-16/1- | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027J-4 | MB8227N |
| FUJ | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 775MXMW | . TTL | TTL/TS | . . . | MB8308E |
| FUJ | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 775MXMW | . TTL | TTL/TS | . . . | MB8308N |
| FUJ | DIL-16/1- | CMOS | 0C/+75C | . . +5V | 53MXuW | . TTL | TTL/TS | IM6508-1ID | MB8401E |
| FUJ | DIL-16/1- | CMOS | 0C/+75C | . . +5V | 525MXuW | . TTL | TTL/TS | IM6508ID | MB8401N |
| FUJ | DIL-18/1- | CMOS | 0C/+75C | . . +5V | 53MXuW | . TTL | TTL/TS | IM6518-1ID | MB8411E |
| FUJ | DIL-18/1- | CMOS | 0C/+75C | . . +5V | 525MXuW | . TTL | TTL/TS | IM6518ID | MB8411N |
| FUJ | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800TPMW | . TTL | TTL/TS | D2708 | MB8518E |
| FUJ | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800TPMW | . TTL | TTL/TS | D2708 | MB8518H |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 340MXMW | . TTL | TTL/OD | D2115AL-2 | MBM2115E |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 520MXMW | . TTL | TTL/OD | D2115A-2 | MBM2115H |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 340MXMW | . TTL | TTL/OD | D2115AL-2 | MBM2115N |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 660MXMW | . TTL | TTL/OD | D2115A | MBM2115Y |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 340MXMW | . TTL | TTL/TS | D2125AL-2 | MBM2125E |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 520MXMW | . TTL | TTL/TS | D2125A-2 | MBM2125H |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 340MXMW | . TTL | TTL/TS | D2125AL-2 | MBM2125N |
| FUJ | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 660MXMW | . TTL | TTL/TS | D2125A | MBM2125Y |
| FUJ | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | D2716 | MBM2716 |
| FUJ | DIL-18/1- | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | TMS4044-20JL | MBM4044E |
| FUJ | DIL-18/1- | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | TMS4044-30JL | MBM4044N |
| FUJ | DIL-16/1C | ECL | 0C/+75C | . . -5.2V | 680MXMW | . ECL | ECL | F10410DC | MBM10410 |
| FUJ | DIL-16/1C | ECL | 0C/+75C | . . -5.2V | 780MXMW | . ECL | ECL | F10415ADC | MBM10415A |
| FUJ | DIL-16/1C | ECL | 0C/+75C | . . -5.2V | 780MXMW | . ECL | ECL | . . . | MBM10415AH |
| FUJ | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 815MXMW | . TTL | TTL/OC | 93415DC | MBM93415A |
| FUJ | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 815MXMW | . TTL | TTL/OC | 93415ADC | MBM93415AH |
| FUJ | DIL-28/2C | TTLB | 0C/+75C | . . +5V | 650TPMW | . TTL | TTL/OC | 93419DC | MBM93419 |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | NE8T26A | MC8T26AL |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | NE8T26A | MC8T26AP |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | N8T26F | MC8T26L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | N8T26B | MC8T26P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | NE8T28 | MC8T28L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | NE8T28 | MC8T28P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 98MXMA | . TTL | TTL/TS | MC6885L | MC8T95L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 98MXMA | . TTL | TTL/TS | MC6885P | MC8T95P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 89MXMA | . TTL | TTL/TS | MC6886L | MC8T96L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 89MXMA | . TTL | TTL/TS | MC6886P | MC8T96P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 98MXMA | . TTL | TTL/TS | MC6887L | MC8T97L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 98MXMA | . TTL | TTL/TS | MC6887P | MC8T97P |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| MC8T98L | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX. DELAY 11NS | 6800 |
| MC8T98P | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX. DELAY 11NS | 6800 |
| MC68A00CL | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B)/1.5MHZ | 6800 |
| MC68A00CP | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B)/1.5MHZ | 6800 |
| MC68A00L | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B)/1.5MHZ | 6800 |
| MC68A00P | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B)/1.5MHZ | 6800 |
| MC68A09EL | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED MC6800/EXTERNAL CLOCK/ 1.5MHZ | 6809 |
| MC68A09EP | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED MC6800/EXTERNAL CLOCK/ 1.5MHZ | 6809 |
| MC68A09L | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED MC6800/INTERNAL CLOCK/ 1.5MHZ | 6809 |
| MC68A09P | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED MC6800/INTERNAL CLOCK/ 1.5MHZ | 6809 |
| MC68A21L | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| MC68A21P | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| MC68A52CL | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSN. 6852 | 6800 |
| MC68A52CP | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSN. 6852 | 6800 |
| MC68A52L | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSN. 6852 | 6800 |
| MC68A52P | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSN. 6852 | 6800 |
| MC68A54CL | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |
| MC68A54CP | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |
| MC68A54L | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |
| MC68A54P | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |
| MC68B00L | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B)/2MHZ | 6800 |
| MC68B00P | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B)/2MHZ CLK | 6800 |
| MC68B09EL | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED MC6800/EXTERNAL CLOCK/ 2MHZ | 6089 |
| MC68B09EP | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED MC6800/EXTERNAL CLOCK/ 2MHZ | 6809 |
| MC68B09L | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED MC6800/EXTERNAL CLOCK/ 2MHZ | 6809 |
| MC68B09P | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED MC6800/EXTERNAL CLOCK/ 2MHZ | 6809 |
| MC68B21L | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| MC68B21P | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| MC68B52L | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./2MHZ VERSN. 6852 | 6800 |
| MC68B52P | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./2MHZ VERSN. 6852 | 6800 |
| MC68B54L | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/2MHZ CLOCK FREQUENCY | 6800 |
| MC68B54P | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/2MHZ CLOCK FREQUENCY | 6800 |
| MC1488L | DRVR | 4-BIT | QUAD EIA LINE DRIVER/RS232C-CCITT-V24 | GEN. PURP. |
| MC1489 | RCVR | 4-BIT | QUAD EIA LINE RECEIVER/SINGLE ENDED/RS232C/PROGRAMM. THRESHOLD | GEN. PURP. |
| MC1489AL | RCVR | 4-BIT | QUAD EIA LINE RECEIVER/SINGLE ENDED/RS232C/PROGRAMM. THRESHOLD | GEN. PURP. |
| MC1702A | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 850NS/8 ADDRESS LINES | GEN. PURP. |
| MC1702A/B | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/ 8 ADDRESS, 1CS LINES/ MIL STD. 883 | GEN. PURP. |
| MC1702A/C | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS, 1CS LINES/MIL STD. 883 | GEN. PURP. |
| MC1702A/MT | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/ 8 ADDRESS, 1CS LINES/MIL STD. 883 | GEN. PURP. |
| MC2102A-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE-ADDRESS LINES | GEN. PURP. |
| MC2102A-6 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| MC2708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MC2708/B | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MC2708/C | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MC2708/MT | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MC2901AFM | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/12MHZ CLOCK/2900 FAM. | 2900 |
| MC2901ALC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/12MHZ CLOCK/2900 FAM. | 2900 |
| MC2901ALM | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/12MHZ CLOCK/2900 FAM. | 2900 |
| MC2901LC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/9.5MHZ CLOCK/2900 FAM. | 2900 |
| MC2901LM | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/9.5MHZ CLOCK/2900 FAM. | 2900 |
| MC2902FM | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| MC2902LC | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| MC2902LM | LAHCG | 4-BIT | LOOK AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| MC2902PC | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| MC2903LC | CPEBS | 4-BIT | MICROPROCESSOR 4-BIT SLICE/ARITHMETIC UNIT/16 REGS.-DIVIDE | 2900 |
| MC2903LM | CPEBS | 4-BIT | MICROPROCESSOR 4-BIT SLICE/ARITHMETIC UNIT/16 REGS.-DIVIDE | 2900 |
| MC2905FM | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| MC2905LC | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| MC2905LM | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| MC2905PC | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| MC2906FM | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| MC2906LC | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| MC2906LM | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| MC2906PC | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| MC2907FM | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| MC2907LC | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| MC2907LM | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| MC2907PC | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| MC2909LC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| MC2909LM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| MC2909PC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| MC2910LC | MCU | 12-BIT | MICROPROGRAM CONTROLLER FOR 2901/ADDRESS SEQUENCER | 2900 |
| MC2910LM | MCU | 12-BIT | MICROPROGRAM CONTROLLER FOR 2901/ADDRESS SEQUENCER | 2900 |
| MC2911FM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| MC2911LC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 89MXMA | . TTL | TTL/TS | MC6888L | MC8T98L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 89MXMA | . TTL | TTL/TS | MC6888P | MC8T98P |
| MTA | DIL-40/2C | NMOS | -40C/+85C | . . +5V | 1MXW | . TTL | TTL/TS | MC68A00CP | MC68A00CL |
| MTA | DIL-40/2P | NMOS | -40C/+85C | . . +5V | 1MXW | . TTL | TTL/TS | MC68A00CP | MC68A00CP |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | TTL/TS | MC68A00C | MC68A00C |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | TTL/TS | MC68A00C | MC68A00P |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | . . | . TTL | . TTL | MC68A09EP | MC68A09EL |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | . . | . TTL | . TTL | MC68A09EL | MC68A09EP |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | . . | . TTL | . TTL | MC68A09P | MC68A09L |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | . . | . TTL | . TTL | MC68A09P | MC68A09P |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | MC68A21P | MC68A21L |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | MC68A21P | MC68A21P |
| MTA | DIL-24/2C | NMOS | -40C/+85C | . . +5V | 525MXMW | . TTL | TTL/TS | MC68A52CP | MC68A52CL |
| MTA | DIL-24/2P | NMOS | -40C/+85C | . . +5V | 525MXMW | . TTL | TTL/TS | MC68A52CP | MC68A52CP |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | MC68A52P | MC68A52L |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | MC68A52L | MC68A52P |
| MTA | DIL-28/2C | NMOS | -40C/+85C | . . +5V | 850MXMW | . TTL | . TTL | MC68A54CP | MC68A54CL |
| MTA | DIL-28/2P | NMOS | -40C/+85C | . . +5V | 850MXMW | . TTL | . TTL | MC68A54CL | MC68A54CP |
| MTA | DIL-28/1C | NMOS | 0C/+70C | . . +5V | 850MXMW | . TTL | . TTL | MC68A54P | MC68A54L |
| MTA | DIL-28/2P | NMOS | 0C/+70C | . . +5V | 850MXMW | . TTL | . TTL | MC68A54L | MC68A54P |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | TTL/TS | MC68B00C | MC68B00L |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | TTL/TS | MC68B00C | MC68B00P |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | . . | . TTL | . TTL | MC68B09EP | MC68B09EL |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | . . | . TTL | . TTL | MC68B09EL | MC68B09EP |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | . . | . TTL | . TTL | MC68B09P | MC68B09L |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | . . | . TTL | . TTL | MC68B09P | MC68B09P |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | MC68B21P | MC68B21L |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | MC68B21P | MC68B21P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | MC68B52P | MC68B52L |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | MC68B52L | MC68B52P |
| MTA | DIL-28/2C | NMOS | 0C/+70C | . . +5V | 850MXMW | . TTL | . TTL | MC68B54P | MC68B54L |
| MTA | DIL-28/2P | NMOS | 0C/+70C | . . +5V | 850MXMW | . TTL | . TTL | MC68B54L | MC68B54P |
| ADM | DIL-14/1C | . . | 0C/+70C | . . -9V/+9V | . . | . . | +6/9V | . . | MC1488L |
| ADM | DIL-14/1C | . . | 0C/+70C | . . +5V | . . | 0.75V/1.5V | . . | . . | MC1489 |
| ADM | DIL-14/1C | . . | 0C/+70C | . . +5V | . . | 0.75V/1.5V | . . | . . | MC1489AL |
| INL | DIL-24/2Q | PMOS | -55C/+125C | . . -9V/+5V | 50MXMA | . TTL | TTL/TS | MK3702-2T | MC1702A |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . . -9V/+5V | 50MXMA | . TTL | TTL/TS | . . | MC1702A/B |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . . -9V/+5V | 50MXMA | . TTL | TTL/TS | . . | MC1702A/C |
| INL | DIL-24/2Q | PMOS | 0C/+70C | . . -9V/+5V | 50MXMA | . TTL | TTL/TS | . . | MC1702A/MT |
| ADM | DIL-16/1C | NMOS | -55C/+125C | . . +5V | 55MXMA | . TTL | TTL/TS | D2102A-4 | MC2102A-4 |
| ADM | DIL-16/1C | NMOS | -55C/+125C | . . +5V | 55MXMA | . TTL | TTL/TS | D2102A-6 | MC2102A-6 |
| INL | DIL-24/2Q | NMOS | -55C/+100C | . . -5V/+5V/+12V | 750MXMW | . TTL | TTL/TS | . . | MC2708 |
| INL | DIL-24/2Q | NMOS | -55C/+100C | . . -5V/+5V/+12V | 750MXMW | . TTL | TTL/TS | . . | MC2708/B |
| INL | DIL-24/2Q | NMOS | -55C/+100C | . . -5V/+5V/+12V | 750MXMW | . TTL | TTL/TS | . . | MC2708/C |
| INL | DIL-24/2Q | NMOS | -55C/+100C | . . -5V/+5V/+12V | 750MXMW | . TTL | TTL/TS | . . | MC2708/MT |
| MTA | FLP-42/5P | LSTB | -55C/+125C | . . +5V | 280MXMA | . TTL | TTL/TS | AM2901AFM | MC2901AFM |
| MTA | DIL-40/2C | LSTB | 0C/+70C | . . +5V | 280MXMA | . TTL | TTL/TS | AM2901ADC | MC2901ALC |
| MTA | DIL-40/2C | LSTB | -55C/+125C | . . +5V | 280MXMA | . TTL | TTL/TS | AM2901ADM | MC2901ALM |
| MTA | DIL-40/2C | LSTB | 0C/+70C | . . +5V | 265MXMA | . TTL | TTL/TS | MC2901ALC | MC2901L |
| MTA | DIL-40/2C | LSTB | -55C/+125C | . . +5V | 280MXMA | . TTL | TTL/TS | MC2901ALM | MC2901LM |
| MTA | FLP-16/3C | BIP | -55C/+125C | . . +5V | 99MXMA | . TTL | . TTL | AM2902FM | MC2902FM |
| MTA | DIL-16/1C | BIP | 0C/+70C | . . +5V | 94MXMA | . TTL | . TTL | AM2902DC | MC2902LC |
| MTA | DIL-16/1C | BIP | -55C/+125C | . . +5V | 99MXMA | . TTL | . TTL | AM2902DM | MC2902LM |
| MTA | DIL-16/1P | BIP | 0C/+70C | . . +5V | 94MXMA | . TTL | . TTL | AM2902PC | MC2902PC |
| MTA | DIL-48/2C | STLB | 0C/+70C | . . +5V | . . | . TTL | . TTL | AM2903CP | MC2903CL |
| MTA | DIL-48/2C | STLB | -55C/+125C | . . +5V | . . | . TTL | . TTL | AM2903DM | MC2903LM |
| MTA | FLP-24/4C | LSTB | -55C/+125C | . . +5V | 105MXMA | . TTL | TTL/TS | AM2905FM | MC2905FM |
| MTA | DIL-24/2C | LSTB | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/TS | AM2905DC | MC2905LC |
| MTA | DIL-24/2C | LSTB | -55C/+125C | . . +5V | 105MXMA | . TTL | TTL/TS | AM2905DM | MC2905LM |
| MTA | DIL-24/2P | LSTB | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/TS | AM2905PC | MC2905PC |
| MTA | FLP-24/4C | LSTB | -55C/+125C | . . +5V | 105MXMA | . TTL | TTL/OC | AM2906FM | MC2906FM |
| MTA | DIL-24/2C | LSTB | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/OC | AM2906DC | MC2906LC |
| MTA | DIL-24/2C | LSTB | -55C/+125C | . . +5V | 105MXMA | . TTL | TTL/OC | AM2906DM | MC2906LM |
| MTA | DIL-24/2P | LSTB | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/OC | AM2906PC | MC2906PC |
| MTA | FLP-20/4C | LSTB | -55C/+125C | . . +5V | 110MXMA | . TTL | TTL/OC+TS | AM2907FM | MC2907FM |
| MTA | DIL-20/1C | LSTB | 0C/+70C | . . +5V | 110MXMA | . TTL | TTL/OC+TS | AM2907DC | MC2907LC |
| MTA | DIL-20/1C | LSTB | -55C/+125C | . . +5V | 110MXMA | . TTL | TTL/OC+TS | AM2907DM | MC2907LM |
| MTA | DIL-20/1P | LSTB | 0C/+70C | . . +5V | 110MXMA | . TTL | TTL/OC+TS | AM2907PC | MC2907PC |
| MTA | DIL-28/2C | TTLB | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | AM2909DC | MC2909LC |
| MTA | DIL-28/2C | TTLB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | AM2909DM | MC2909LM |
| MTA | DIL-28/2P | TTLB | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | AM2909PC | MC2909PC |
| MTA | DIL-40/2C | TTLB | 0C/+70C | . . +5V | . . | . TTL | . TTL | AM2910DC | MC2910LC |
| MTA | DIL-40/2C | TTLB | -55C/+125C | . . +5V | . . | . TTL | . TTL | AM2910DM | MC2910LM |
| MTA | FLP-20/3C | TTLB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | AM2911FM | MC2911FM |
| MTA | DIL-20/1C | TTLB | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | AM2911DC | MC2911LC |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| MC2911LM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2901 |
| MC2911PC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| MC2915AFM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/IMPROVED MC2915FM | 2900 |
| MC2915ALC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/IMPROVED MC2915LC | 2900 |
| MC2915ALM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/IMPROVED MC2915LM | 2900 |
| MC2915APC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/IMPROVED MC2915PC | 2900 |
| MC2915LC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| MC2915LM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| MC2916AFM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/IMPVD. MC2916FM | 2900 |
| MC2916ALC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/IMPVD. MC2916LC | 2900 |
| MC2916ALM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/IMPVD. MC2916LM | 2900 |
| MC2916APC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/IMPVD. MC2916PC | 2900 |
| MC2916LC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| MC2916LM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| MC2917AFM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/IMPVD. MC2917FM | 2900 |
| MC2917ALC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/IMPVD. MC2917LC | 2900 |
| MC2917ALM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/IMPVD. MC2917LM | 2900 |
| MC2917APC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/IMPVD. MC2917PC | 2900 |
| MC2917LC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| MC2917LM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| MC2918FM | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| MC2918LC | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| MC2918LM | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| MC2918PC | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| MC3232AL | DMI | . | DRAM ADDRESS MUX AND REFRESH COUNTER (EG 2104 AND 4027) | GEN. PURP. |
| MC3232AP | DMI | . | DRAM ADDRESS MUX AND REFRESH COUNTER (EG 2104 AND 4027) | GEN. PURP. |
| MC3242AL | DMI | . | ADDRESS MUX AND REFRESH COUNTER FOR 16K DRAMS (EG 2116 AND 4116) | GEN. PURP. |
| MC3242AP | DMI | . | ADDRESS MUX AND REFRESH COUNTER FOR 16K DRAMS (EG 2116 AND 4116) | GEN. PURP. |
| MC3245L | LVLSH | 4-BIT | QUAD TTL-TO-MOS DRIVER | GEN. PURP. |
| MC3245P | LVLSH | 4-BIT | QUAD TTL-TO-MOS DRIVER | GEN. PURP. |
| MC3446P | TRCVR | 4-BIT | QUAD INTERFACE BUS TRANSCEIVER/IEE STD 488/HP-18 BUS-COMPATIBLE | GEN. PURP. |
| MC3448AL | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH TERMINATION NETWORKS | GEN. PURP. |
| MC3448AP | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH TERMINATION NETWORKS | GEN. PURP. |
| MC3449L | EXPTO | 8-BIT | TRIPLE BI-DIRECTIONAL BUS EXTENDER SWITCH/-MC6881L | 6800 |
| MC3449P | EXPTO | 8-BIT | TRIPLE BI-DIRECTIONAL BUS EXTENDER SWITCH/-MC6881P | 6800 |
| MC3459L | DRVR | 4-BIT | QUAD NMOS-MEMORY ADDRESS LINE DRIVER | GEN. PURP. |
| MC3459P | DRVR | 4-BIT | QUAD NMOS-MEMORY ADDRESS LINE DRIVER | GEN. PURP. |
| MC3460L | CLOCK | 4-BIT | GATE-CONTROLLED MOS CLOCK DRIVER FOR NMOS RAM/13V VDD1/17V VDD2 | GEN. PURP. |
| MC3460P | CLOCK | 4-BIT | GATE-CONTROLLED MOS CLOCK DRIVER FOR NMOS RAM/13V VDD1/17V VDD2 | GEN. PURP. |
| MC3466L | CLOCK | 4-BIT | GATE-CONTROLLED MOS CLOCK DRIVER FOR NMOS RAM/18V VDD1/22V VDD2 | GEN. PURP. |
| MC3466P | CLOCK | 4-BIT | GATE-CONTROLLED MOS CLOCK DRIVER FOR NMOS RAM/18V VDD1/22V VDD2 | GEN. PURP. |
| MC3480L | MEMCT | . | MEMORY CONTROLLER FOR 16-PIN 4K OR 16K DYNAMIC MOS RAMS | 6800 |
| MC3480P | MEMCT | . | MEMORY CONTROLLER FOR 16-PIN 4K OR 16K DYNAMIC MOS RAMS | 6800 |
| MC3482AL | LATCH | 8-BIT | OCTAL 3-STATE BUFFER-LATCH/TYP. DELAY 8NS | 6800 |
| MC3482AP | LATCH | 8-BIT | OCTAL 3-STATE BUFFER-LATCH/TYP. DELAY 8NS | 6800 |
| MC3482BL | LATCH | 8-BIT | OCTAL 3-STATE BUFFER-LATCH/TYP. DELAY 12NS | 6800 |
| MC3482BP | LATCH | 8-BIT | OCTAL 3-STATE BUFFER-LATCH/TYP. DELAY 12NS | 6800 |
| MC3870L | MICTR | 8-BIT | 1-CHIP MICROCONTROLLER/64X8 RAM/2048X8 PROM/32 IO/INT.TIMER | 3870 |
| MC3870P | MICTR | 8-BIT | 1-CHIP MICROCONTROLLER/64X8 RAM/2048X8 PROM/32 IO/INT.TIMER | 3870 |
| MC5101L-4/B | SRAM | 4-BIT | 1K*256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MC5101L-4/C | SRAM | 4-BIT | 1K*256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MC5101L-4/MT | SRAM | 4-BIT | 1K*256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MC6800BQCS | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B)/MIL STD883P | 6800 |
| MC6800CL | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B)/1MHZ CLOCK | 6800 |
| MC6800CP | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B) | 6800 |
| MC6800CQCS | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B)/MIL STD883C | 6800 |
| MC6800L | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B)/1MHZ | 6800 |
| MC6800P | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B)/1MHZ | 6800 |
| MC6801L | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 128X8 RAM- 2048X8 ROM- 34 IO LINES | 6801 |
| MC6801P | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 128X8 RAM- 2048X8 ROM- 34IO LINES | 6801 |
| MC6802L | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./WITH 6846 GIVES 2-CHIP SYSTM | 6802 |
| MC6802P | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./WITH 6846 GIVES 2-CHIP SYSTM | 6802 |
| MC6803L | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 128X8 RAM- 34 IO/ROMLESS 6801/INT. CLK | 6801 |
| MC6803P | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 128X8 RAM- 34 IO/ROMLESS 6801/INT. CLK | 6801 |
| MC6803EL | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 128X8 RAM- 34 IO/ROMLESS 6801/EXT. CLK | 6801 |
| MC6803EP | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 128X8 RAM-34 IO/ROMLESS 6801/EXT. CLK | 6801 |
| MC6809EL | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED MC6800/EXTERNAL CLOCK/ 1MHZ | 6809 |
| MC6809EP | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED MC6800/EXTERNAL CLOCK/ 1MHZ | 6809 |
| MC6809L | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED MC6800/INTERNAL CLOCK/ 1MHZ | 6809 |
| MC6809P | MPU | 8-BIT | 1-CHIP MICROPROCESSOR/ENHANCED MC6800/INTERNAL CLOCK/ 1MHZ | 6809 |
| MC6820L | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAMILY (APP. B) | 6800 |
| MC6820P | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAMILY (APP. B) | 6800 |
| MC6821L | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| MC6821P | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| MC6828L | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER/ | 6800 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|--------------|----------------|
| MTA | DIL-20/1C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2911DM | MC2911LM |
| MTA | DIL-20/1P | TTLB | OC/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2911C | MC2911PC |
| MTA | FLP-24/3C | LSTB | -55C/+125C | . . . +5V | 95MXMA | . TTL | TTL | . . . | MC2915AFM |
| MTA | DIL-24/2C | LSTB | OC/+70C | . . . +5V | 95MXMA | . TTL | TTL | . . . | MC2915ALC |
| MTA | DIL-24/2C | LSTB | -55C/+125C | . . . +5V | 95MXMA | . TTL | TTL | . . . | MC2915ALM |
| MTA | DIL-24/2P | LSTB | OC/+70C | . . . +5V | 95MXMA | . TTL | TTL | . . . | MC2915APC |
| MTA | DIL-24/2C | LSTB | OC/+70C | . . . +5V | 90MXMA | . TTL | TTL | . . . | MC2915LC |
| MTA | DIL-24/2C | LSTB | -55C/+125C | . . . +5V | 90MXMA | . TTL | TTL | AM2915DM | MC2915LM |
| MTA | FLP-24/3C | LSTB | -55C/+125C | . . . +5V | 95MXMA | . TTL | TTL | . . . | MC2916AFM |
| MTA | DIL-24/2C | LSTB | OC/+70C | . . . +5V | 95MXMA | . TTL | TTL | . . . | MC2916ALC |
| MTA | DIL-24/2C | LSTB | -55C/+125C | . . . +5V | 95MXMA | . TTL | TTL | . . . | MC2916ALM |
| MTA | DIL-24/2C | LSTB | OC/+70C | . . . +5V | 95MXMA | . TTL | TTL | . . . | MC2916APC |
| MTA | DIL-24/2C | LSTB | OC/+70C | . . . +5V | 110MXMA | . TTL | TTL | AM2916DC | MC2916LC |
| MTA | DIL-24/2C | LSTB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL | AM2916DM | MC2916LM |
| MTA | FLP-20/3C | LSTB | -55C/+125C | . . . +5V | 95MXMA | . TTL | TTL | . . . | MC2917AFM |
| MTA | DIL-20/1C | LSTB | OC/+70C | . . . +5V | 95MXMA | . TTL | TTL | . . . | MC2917ALC |
| MTA | DIL-20/1C | LSTB | -55C/+125C | . . . +5V | 95MXMA | . TTL | TTL | . . . | MC2917ALM |
| MTA | DIL-20/1P | LSTB | OC/+70C | . . . +5V | 95MXMA | . TTL | TTL | . . . | MC2917APC |
| MTA | DIL-20/1C | LSTB | OC/+70C | . . . +5V | 95MXMA | . TTL | TTL | AM2917DC | MC2917LC |
| MTA | DIL-20/1C | LSTB | -55C/+125C | . . . +5V | 95MXMA | . TTL | TTL | AM2917DM | MC2917LM |
| MTA | FLP-16/3C | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2918FM | MC2918FM |
| MTA | DIL-16/1C | STLB | OC/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2918DC | MC2918LC |
| MTA | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2918DM | MC2918LM |
| MTA | DIL-16/1P | STLB | OC/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2918PC | MC2918PC |
| MTA | DIL-24/2C | STLB | OC/+75C | . . . +5V | 90MXMA | . TTL | TTL | MC3232AP | MC3232AL |
| MTA | DIL-24/2P | STLB | OC/+75C | . . . +5V | 90MXMA | . TTL | TTL | MC3232AL | MC3232AP |
| MTA | DIL-28/2C | STLB | OC/+75C | . . . +5V | 110MXMA | . TTL | TTL | D3242 | MC3242AL |
| MTA | DIL-28/2P | STLB | OC/+75C | . . . +5V | 110MXMA | . TTL | TTL | MC3242AL | MC3242AP |
| MTA | DIL-16/1C | STLB | OC/+75C | . +5V/+12V | 485MXMW | . TTL | MOS | D3245 | MC3245L |
| MTA | DIL-16/1P | STLB | OC/+75C | . +5V/+12V | 485MXMW | . TTL | MOS | D3245 | MC3245P |
| MTA | DIL-16/1P | TTLB | OC/+70C | . . . +5V | 40MXMA | . TTL | TTL | . . . | MC3446P |
| MTA | DIL-16/1C | TTLB | OC/+70C | . . . +5V | 125MXMA | . TTL | TTL/TS | . . . | MC3448AL |
| MTA | DIL-16/1P | TTLB | OC/+70C | . . . +5V | 125MXMA | . TTL | TTL/TS | . . . | MC3448AP |
| MTA | DIL-16/1C | STLB | OC/+75C | . . . +5V | 70MXMA | . TTL | TTL/TS | MC6881L | MC3449L |
| MTA | DIL-16/1P | STLB | OC/+75C | . . . +5V | 70MXMA | . TTL | TTL/TS | MC6881P | MC3449P |
| MTA | DIL-14/1C | TTLB | OC/+70C | . . . +5V | 122MXMA | . TTL | TTL | . . . | MC3459L |
| MTA | DIL-14/1P | TTLB | OC/+70C | . . . +5V | 122MXMA | . TTL | TTL | . . . | MC3459P |
| MTA | DIL-16/1C | . . . | OC/+70C | . +5V/+5V/+12V | 250MXMW | . TTL | TTL | MC3466L | MC3460L |
| MTA | DIL-16/1P | . . . | OC/+70C | . +5V/+5V/+12V | 250MXMW | . TTL | TTL | MC3466P | MC3460P |
| MTA | DIL-16/1C | . . . | OC/+70C | . +5V/+15V/+17V | 250MXMW | . TTL | TTL | . . . | MC3466L |
| MTA | DIL-16/1C | . . . | OC/+70C | . +5V/+12V/+17V | 250MXMW | . TTL | TTL | . . . | MC3466P |
| MTA | DIL-24/2C | STLB | OC/+70C | . . . +5V | 70MXMA | . TTL | TTL | . . . | MC3480L |
| MTA | DIL-24/2P | STLB | OC/+70C | . . . +5V | 70MXMA | . TTL | TTL | . . . | MC3480P |
| MTA | DIL-20/1C | STLB | OC/+75C | . . . +5V | 125MXMA | . TTL | TTL/TS | MC6882AL | MC3482AL |
| MTA | DIL-20/1P | STLB | OC/+75C | . . . +5V | 125MXMA | . TTL | TTL/TS | MC6882AP | MC3482AP |
| MTA | DIL-20/1C | STLB | OC/+75C | . . . +5V | 125MXMA | . TTL | TTL/TS | MC6882BL | MC3482BL |
| MTA | DIL-20/1P | STLB | OC/+75C | . . . +5V | 125MXMA | . TTL | TTL/TS | MC6882BP | MC3482BP |
| MTA | DIL-40/2C | NMOS | OC/+70C | . . . +5V | 275TPMW | . TTL | TTL | MC3870P | MC3870L |
| MTA | DIL-40/2P | NMOS | OC/+70C | . . . +5V | 275TPMW | . TTL | TTL | MC3870L | MC3870P |
| INL | DIL-22/4C | CMOS | -55C/+125C | . . . +5V | 168MXMW | . TTL | TTL/TS | MB5101L-4/B | MC5101L-4/B |
| INL | DIL-22/4C | CMOS | -55C/+125C | . . . +5V | 168MXMW | . TTL | TTL/TS | MB5101L-4/C | MC5101L-4/C |
| INL | DIL-22/4C | CMOS | -55C/+125C | . . . +5V | 168MXMW | . TTL | TTL/TS | MB5101L-4/MT | MC5101L-4/MT |
| MTA | DIL-40/2C | NMOS | -55C/+125C | . . . +5V | 1MXW | . TTL | TTL/TS | . . . | MC6800BQCS |
| MTA | DIL-40/2C | NMOS | -40C/+85C | . . . +5V | 1.2MXW | . TTL | TTL/TS | MC6800CP | MC6800CL |
| MTA | DIL-40/2P | NMOS | -40C/+85C | . . . +5V | 1MXW | . TTL | TTL/TS | MC6800CL | MC6800CP |
| MTA | DIL-40/2C | NMOS | -55C/+125C | . . . +5V | 1MXW | . TTL | TTL/TS | . . . | MC6800CCS |
| MTA | DIL-40/2C | NMOS | OC/+70C | . . . +5V | 1MXW | . TTL | TTL/TS | S6800 | MC6800L |
| MTA | DIL-40/2P | NMOS | OC/+70C | . . . +5V | 1MXW | . TTL | TTL/TS | S6800-IT | MC6800P |
| MTA | DIL-40/2C | NMOS | OC/+70C | . . . +5V | . . . | . TTL | TTL | MC6801P | MC6801L |
| MTA | DIL-40/2P | NMOS | OC/+70C | . . . +5V | . . . | . TTL | TTL | MC6801L | MC6801P |
| MTA | DIL-40/2C | NMOS | OC/+70C | . . . +5V | 1.2MXW | . TTL | TTL | F6802L | MC6802L |
| MTA | DIL-40/2P | NMOS | OC/+70C | . . . +5V | 1.2MXW | . TTL | TTL | F6802 | MC6802P |
| MTA | DIL-40/2C | NMOS | OC/+70C | . . . +5V | . . . | . TTL | TTL | MC6803P | MC6803L |
| MTA | DIL-40/2P | NMOS | OC/+70C | . . . +5V | . . . | . TTL | TTL | MC6803P | MC6803P |
| MTA | DIL-40/2C | NMOS | OC/+70C | . . . +5V | . . . | . TTL | TTL | MC6803EL | MC6803EL |
| MTA | DIL-40/2C | NMOS | OC/+70C | . . . +5V | . . . | . TTL | TTL | MC6803EL | MC6803EP |
| MTA | DIL-40/2C | NMOS | OC/+70C | . . . +5V | . . . | . TTL | TTL | MC6809EP | MC6809EL |
| MTA | DIL-40/2P | NMOS | OC/+70C | . . . +5V | . . . | . TTL | TTL | MC6809EL | MC6809EP |
| MTA | DIL-40/2C | NMOS | OC/+70C | . . . +5V | . . . | . TTL | TTL | MC6809P | MC6809L |
| MTA | DIL-40/2P | NMOS | OC/+70C | . . . +5V | . . . | . TTL | TTL | MC6809P | MC6809P |
| MTA | DIL-40/2C | NMOS | OC/+70C | . . . +5V | 650MXMW | . TTL | TTL/TS | F6820 (CER) | MC6820L |
| MTA | DIL-40/2P | NMOS | OC/+70C | . . . +5V | 650MXMW | . TTL | TTL/TS | F6820 (PLS) | MC6820P |
| MTA | DIL-40/2C | NMOS | OC/+70C | . . . +5V | 550MXMW | . TTL | TTL/TS | MC6821P | MC6821L |
| MTA | DIL-40/2P | NMOS | OC/+70C | . . . +5V | 550MXMW | . TTL | TTL/TS | MC6821L | MC6821P |
| MTA | DIL-24/2C | TTLB | OC/+75C | . . . +5V | 125MXMA | . TTL | TTL | MC8507L | MC6828L |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| MC6828P | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER | 6800 |
| MC6840L | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM. (APP. B) | 6800 |
| MC6840P | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM. (APP. B) | 6800 |
| MC6843L | FLPDC | 8-BIT | FLOPPY DISK CONTROLLER/IBM3740 FORMAT | 6800 |
| MC6843P | FLPDC | 8-BIT | FLOPPY DISK CONTROLLER/IBM3740 FORMAT | 6800 |
| MC6844L | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER | 6800 |
| MC6844P | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER | 6800 |
| MC6845L | CRTC | 8-BIT | CRT CONTROLLER | 6800 |
| MC6845P | CRTC | 8-BIT | CRT CONTROLLER | 6800 |
| MC6846L | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/COMPLEMENTS 6802 MPU | 6802 |
| MC6846P | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/COMPLEMENTS 6802 MPU | 6800 |
| MC6847L | VDCU | 8-BIT | VIDEO DISPLAY GENERATOR/NON-INTERLACE MODE | 6800 |
| MC6847P | VDCU | 8-BIT | VIDEO DISPLAY GENERATOR/NON-INTERLACE MODE | 6800 |
| MC6847YL | VDCU | 8-BIT | VIDEO DISPLAY GENERATOR/INTERLACE MODE | 6800 |
| MC6847YP | VDCU | 8-BIT | VIDEO DISPLAY GENERATOR/INTERLACE MODE | 6800 |
| MC6850CL | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER 6800 FAM. (APP. B) | 6800 |
| MC6850CP | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER 6800 FAM. (APP. B) | 6800 |
| MC6850L | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER 6800 FAMILY(APP.B) | 6800 |
| MC6850P | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER 6800 FAMILY(APP.B) | 6800 |
| MC6852BJCS | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAMILY/MIL STD883B/1MHZ | 6800 |
| MC6852CJCS | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAMILY/MIL STD883C/1MHZ | 6800 |
| MC6852CL | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSN 6852 | 6800 |
| MC6852CP | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSN. 6852 | 6800 |
| MC6852L | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSN. 6852 | 6800 |
| MC6852P | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSN. 6852 | 6800 |
| MC6854BQCS | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/MIL STD 883/1MHZ VERSION | 6800 |
| MC6854CL | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| MC6854CP | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| MC6854CQCS | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/MIL STD 883/1MHZ CLOCK FREQUENCY | 6800 |
| MC6854L | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| MC6860CL | MODEM | 8-BIT | DIGITAL MODEM FOR 6800 FAMILY (APP. B)/0-600BPS | 6800 |
| MC6860L | MODEM | 8-BIT | DIGITAL MODEM FOR 6800 FAMILY (APP. B)/0-600BPS | 6800 |
| MC6860P | MODEM | 8-BIT | DIGITAL MODEM FOR 6800 FAMILY (APP. B)/0-600BPS | 6800 |
| MC6862CL | MODEM | 8-BIT | 2400 BPS DIGITAL MODULATOR FOR 6800 FAMILY (APP. B) | 6800 |
| MC6862L | MODEM | 8-BIT | 2400 BPS DIGITAL MODULATOR FOR 6800 FAMILY (APP. B) | 6800 |
| MC6862P | MODEM | 8-BIT | 2400 BPS DIGITAL MODULATOR FOR 6800 FAMILY (APP. B) | 6800 |
| MC6870A | CLOCK | . | CLOCK FOR 6800 FAMILY (APP. B)/LIMITED FUNCTION | 6800 |
| MC6871A | CLOCK | . | CLOCK FOR 6800 FAMILY (APP. B)/FULL FUNCTION INC. MEMORY CLOCK | 6800 |
| MC6871B | CLOCK | . | CLOCK FOR 6800 FAMILY (APP. B)/ALTERNATE FUNCTION | 6800 |
| MC6875L | CLOCK | . | 2-PHASE CLOCK GENERATOR-DRIVER | 6800 |
| MC6875P | CLOCK | . | 2-PHASE CLOCK GENERATOR-DRIVER | 6800 |
| MC6880AL | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER/MAX. DELAY 14NS | 6800 |
| MC6880AP | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER/MAX. DELAY 14NS | 6800 |
| MC6880L | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER | 6800 |
| MC6880P | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER/MAX. DELAY 14NS | 6800 |
| MC6881L | EXPIO | 8-BIT | TRIPLE BI-DIRECTIONAL BUS EXTENDER SWITCH/-MC3449 | 6800 |
| MC6881P | EXPIO | 8-BIT | TRIPLE BI-DIRECTIONAL BUS EXTENDER SWITCH/-MC3449 | 6800 |
| MC6882AL | LATCH | 8-BIT | OCTAL 3-STATE BUFFER-LATCH/TYP. DELAY 8NS | 6800 |
| MC6882AP | LATCH | 8-BIT | OCTAL 3-STATE BUFFER-LATCH/TYP. DELAY 8NS | 6800 |
| MC6882BL | LATCH | 8-BIT | OCTAL 3-STATE BUFFER-LATCH/TYP. DELAY 12NS | 6800 |
| MC6882BP | LATCH | 8-BIT | OCTAL 3-STATE BUFFER-LATCH/TYP. DELAY 12NS | 6800 |
| MC6885L | BUFFR | 8-BIT | HEX 3-STATE BUFFER/NON-INV./MAX. DELAY 12NS | 6800 |
| MC6885P | BUFFR | 8-BIT | HEX 3-STATE BUFFER/NON-INVERTING/MAX. DELAY 12NS | 6800 |
| MC6886L | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX. DELAY 11NS | 6800 |
| MC6886P | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX. DELAY 11NS | 6800 |
| MC6887L | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/NON-INV./MAX. DELAY 12NS | 6800 |
| MC6887P | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/NON-INV./MAX. DELAY 12NS | 6800 |
| MC6888L | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX. DELAY 11NS | 6800 |
| MC6888P | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX. DELAY 11NS | 6800 |
| MC6889L | TRCVR | 4-BIT | NON-INVERTING 3-STATE BUS TRANSCEIVER | 6800 |
| MC6889P | TRCVR | 4-BIT | NON-INVERTING 3-STATE BUS TRANSCEIVER | 6800 |
| MC8080A/B | MPU | 8-BIT | SINGLE-CHIP CPU OF 8080 FAM./MIN. CLOCK PERIOD 480NS/MIL STD 883 | 8080 |
| MC8080A/C | MPU | 8-BIT | SINGLE-CHIP CPU OF 8080 FAM./MIN. CLOCK PERIOD 480NS/MIL STD 883 | 8080 |
| MC8080A/MT | MPU | 8-BIT | SINGLE-CHIP CPU OF 8080 FAM./MIN. CLOCK PERIOD 480NS/MIL STD 883 | 8080 |
| MC8251/B | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. TRANSCEIVER/MIL STD 883 | 8080 |
| MC8251/C | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. TRANSCEIVER/MIL STD 883 | 8080 |
| MC8251/MT | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. TRANSCEIVER/MIL STD 883 | 8080 |
| MC8255/B | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAM. | 8080-9080 |
| MC8255/C | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAM. | 8080-9080 |
| MC8316A/B | MROM | 8-BIT | 16K=2048XB/MAX. ACCESS 850NS/7X 4Y 3CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MC8316A/C | MROM | 8-BIT | 16K=2048XB/MAX. ACCESS 850NS/7X 4Y 3CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MC8316A/MT | MROM | 8-BIT | 16K=2048XB/MAX. ACCESS 850NS/7X 4Y 3CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MC8507L | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER | 6800 |
| MC8507P | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER | 6800 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| MTA | DIL-24/2C | . | 0C/+75C | . . +5V | 125MXMA | . TTL | . TTL | MC8507P | MC6828P |
| MTA | DIL-28/2P | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | . TTL | F6840 | MC6840L |
| MTA | DIL-28/2P | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | . TTL | F6840 | MC6840P |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 400TPMW | . TTL | . TTL | MC6843P | MC6843L |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 400TPMW | . TTL | . TTL | MC6843L | MC6843P |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 500TPMW | . TTL | . TTL | MC6844P | MC6844L |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 500TPMW | . TTL | . TTL | MC6844L | MC6844P |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 600TPMW | . TTL | . TTL | MC6845P | MC6845L |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 600TPMW | . TTL | . TTL | MC6845P | MC6845P |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | . TTL | F6846P | MC6846L |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | . TTL | F6846 | MC6846P |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | MC6847P | MC6847L |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | MC6847L | MC6847P |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | MC6847YP | MC6847YL |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | MC6847YL | MC6847YP |
| MTA | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 525MXMW | . TTL | TTL/TS | MC6850CP | MC6850CL |
| MTA | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 525MXMW | . TTL | TTL/TS | MC6850CL | MC6850CP |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | S6850-2L | MC6850L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 525MXMA | . TTL | TTL/TS | S6850-1W | MC6850P |
| MTA | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 525MXMW | . TTL | TTL/TS | . | MC6852BJCS |
| MTA | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 525MXMW | . TTL | TTL/TS | . | MC6852CJCS |
| MTA | DIL-24/2C | NMOS | -40C/+85C | . . +5V | 525MXMW | . TTL | TTL/TS | MC6852CP | MC6852CL |
| MTA | DIL-24/2C | NMOS | -40C/+85C | . . +5V | 525MXMW | . TTL | TTL/TS | MC6852CL | MC6852CP |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | S6852C | MC6852L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | F6852 | MC6852P |
| MTA | DIL-28/2C | NMOS | -55C/+125C | . . +5V | 850MXMW | . TTL | . TTL | . | MC6854BQCS |
| MTA | DIL-28/2C | NMOS | -40C/+85C | . . +5V | 850MXMW | . TTL | . TTL | MC6854CP | MC6854CL |
| MTA | DIL-28/2P | NMOS | -40C/+85C | . . +5V | 850MXMW | . TTL | . TTL | MC6854CP | MC6854CP |
| MTA | DIL-28/2C | NMOS | -55C/+125C | . . +5V | 850MXMW | . TTL | . TTL | . | MC6854CQCS |
| MTA | DIL-28/2C | NMOS | 0C/+70C | . . +5V | 850MXMW | . TTL | . TTL | F6854L | MC6854L |
| MTA | DIL-28/2P | NMOS | 0C/+70C | . . +5V | 850MXMW | . TTL | . TTL | F6854 | MC6854P |
| MTA | DIL-24/2C | NMOS | -40C/+80C | . . +5V | 65MXMA | . TTL | . TTL | . | MC6860CL |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 65MXMA | . TTL | . TTL | S6860-2L | MC6860L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 65MXMA | . TTL | . TTL | S6860-1W | MC6860P |
| MTA | DIL-24/2C | NMOS | -40C/+85C | . . +5V | 60MXMA | . TTL | . TTL | . | MC6862CL |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | . TTL | MC6862P | MC6862L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | . TTL | MC6862L | MC6862P |
| MTA | DIM-10 | NMOS | 0C/+70C | . . +5V | 100MXMA | . | NMOS+TTL | . | MC6870A |
| MTA | DIM-10 | STLB | 0C/+70C | . . +5V | 100MXMA | . | MOS+TTL | SFF96871A | MC6871A |
| MTA | DIM-10 | STLB | 0C/+70C | . . +5V | 100MXMA | . | MOS+TTL | SFF96871B | MC6871B |
| MTA | DIL-16/1C | STLB | 0C/+70C | . . +5V | 150MXMA | . | . TTL | SFF96875K | MC6875L |
| MTA | DIL-16/1P | STLB | 0C/+70C | . . +5V | 150MXMA | . TTL | . TTL | SFF96875E | MC6875P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | MC8T26AL | MC6880AL |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | MC8T26AP | MC6880AP |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | MC6880P | MC6880L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | MC6880L | MC6880P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 70MXMA | . TTL | TTL/TS | MC3449L | MC6881L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 70MXMA | . TTL | TTL/TS | MC3449P | MC6881P |
| MTA | DIL-20/1C | STLB | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/TS | MC3482AL | MC6882AL |
| MTA | DIL-20/1P | STLB | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/TS | MC3482AP | MC6882AP |
| MTA | DIL-20/1C | STLB | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/TS | MC3482BL | MC6882BL |
| MTA | DIL-20/1P | STLB | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/TS | MC3482BP | MC6882BP |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 98MXMA | . TTL | TTL/TS | SFF96885K | MC6885L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 98MXMA | . TTL | TTL/TS | SFF96885E | MC6885P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 89MXMA | . TTL | TTL/TS | SFF96886K | MC6886L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 89MXMA | . TTL | TTL/TS | SFF96886E | MC6886P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 98MXMA | . TTL | TTL/TS | MC8T97L | MC6887L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 98MXMA | . TTL | TTL/TS | MC8T97P | MC6887P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 89MXMA | . TTL | TTL/TS | SFF96888K | MC6888L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 89MXMA | . TTL | TTL/TS | SFF96888E | MC6888P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | SFF96889K | MC6889L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | SFF96889E | MC6889P |
| MTA | DIL-40/2C | NMOS | -55C/+125C | -5V/+5V/+12V | 80MXMA | . TTL | TTL/TS | . | MC8080A/B |
| MTA | DIL-40/2C | NMOS | -55C/+125C | -5V/+5V/+12V | 80MXMA | . TTL | TTL/TS | . | MC8080A/C |
| MTA | DIL-40/2C | NMOS | -55C/+125C | -5V/+5V/+12V | 80MXMA | . TTL | TTL/TS | . | MC8080A/MT |
| INL | DIL-28/2C | NMOS | -55C/+125C | . . +5V | 80MXMA | . TTL | . TTL | MD8251/B | MC8251/B |
| INL | DIL-28/2C | NMOS | -55C/+125C | . . +5V | 80MXMA | . TTL | . TTL | MD8251/C | MC8251/C |
| INL | DIL-28/2C | NMOS | -55C/+125C | . . +5V | 80MXMA | . TTL | . TTL | MD8251/MT | MC8251/MT |
| INL | DIL-40/2C | NMOS | -55C/+125C | . . +5V | 120MXMA | . TTL | . TTL | . | MC8255/B |
| INL | DIL-40/2C | NMOS | -55C/+125C | . . +5V | 120MXMA | . TTL | . TTL | . | MC8255/C |
| INL | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 98MXMA | . TTL | TTL/TS | . | MC8316A/B |
| INL | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 98MXMA | . TTL | TTL/TS | . | MC8316A/C |
| INL | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 98MXMA | . TTL | TTL/TS | . | MC8316A/MT |
| MTA | DIL-24/2C | TTLB | 0C/+75C | . . +5V | 125MXMA | . TTL | . TTL | MC6828L | MC8507L |
| MTA | DIL-24/2P | TTLB | 0C/+75C | . . +5V | 125MXMA | . TTL | . TTL | MC6828P | MC8507P |

| DEVICE TYPE NO | FUNC TION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|-----------------|------------------|--|--------------------|
| MC8702A/B | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.3uS/8 ADDRESS 1CS LINES/MIL STD 883 | 8080 |
| MC8702A/C | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.3uS/8 ADDRESS 1CS LINES/MIL STD 883 | 8080 |
| MC8702A/MT | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.3uS/8 ADDRESS 1CS LINES/MIL STD 883 | 8080 |
| MC8708/B | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 3Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MC8708/C | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 3Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MC8708/MT | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 3Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MC10800 | CPEBS | 4-BIT | 4-BIT ALU (ARITHMETIC LOGIC UNIT) SLICE | 10800 |
| MC10801 | MCU | 4-BIT | MICROPROGRAM CONTROL UNIT | 10800 |
| MC10802L | CLOCK | 4-BIT | TIMING FUNCTION/PROGRAMMABLE 1-4 PHASES | 10800 |
| MC10803 | MEMCT | 4-BIT | MEMORY INTERFACE FUNCTION | 10800 |
| MC10804L | TRCVR | 4-BIT | ECL/TTL INVERTING BIDIRECTIONAL TRANSCEIVERS WITH LATCH | 10800 |
| MC10805L | TRCVR | 5-BIT | ECL/TTL INVERTING BIDIRECTIONAL TRANSCEIVERS WITH LATCH | 10800 |
| MC10806 | RAMIO | 9-BIT | 288=32X9/DUAL ACCESS STACK FOR 10800 FAMILY | 10800 |
| MC10807L | TRCVR | 5-BIT | 5-BIT BIDIRECTIONAL BUS TRANSCEIVER | 10800 |
| MC10808 | SPECL | 16-BIT | PROGRAMMABLE 16-BIT SHIFTER FUNCTION | 10800 |
| MC14500BAL | MICTR | 1-BIT | 1-BIT INDUSTRIAL MICROCONTROL UNIT/ON-CHIP CLOCK | 14500 |
| MC14500BCL | MICTR | 1-BIT | 1-BIT INDUSTRIAL MICROCONTROL UNIT/ON-CHIP CLOCK | 14500 |
| MC14500BCP | MICTR | 1-BIT | 1-BIT INDUSTRIAL MICROCONTROL UNIT/ON-CHIP CLOCK | 14500 |
| MC29100LC | FPLA | 8-BIT | 6144=16X48X8/FIELD PROGRAMMABLE LOGIC ARRAY/MAX. ACCESS 50NS | 2900 |
| MC29100LM | FPLA | 8-BIT | 6144=16X48X8/FIELD PROGRAMMABLE LOGIC ARRAY/MAX. ACCESS 50NS | 2900 |
| MC29101LC | FPLA | 8-BIT | 6144=16X48X8/FIELD PROGRAMMABLE LOGIC ARRAY/MAX. ACCESS 50NS | 2900 |
| MC29101LM | FPLA | 8-BIT | 6144=16X48X8/FIELD PROGRAMMABLE LOGIC ARRAY/MAX. ACCESS 50NS | 2900 |
| MC68488L | IFACE | 8-BIT | GENERAL PURPOSE INTERFACE ADAPTER (IEEE488 BUS TO MC6800 BUS) | 6800 |
| MC68488P | IFACE | 8-BIT | GENERAL PURPOSE INTERFACE ADAPTER (IEEE488 BUS TO MC6800 BUS) | 6800 |
| MC82100LC | FPLA | 8-BIT | 6144=16X48X8/FIELD PROGRAMMABLE LOGIC ARRAY/MAX. ACCESS 50NS | 2901 |
| MC82100LM | FPLA | 8-BIT | 6144=16X48X8/FIELD PROGRAMMABLE LOGIC ARRAY/MAX. ACCESS 50NS | 2901 |
| MC82101LC | FPLA | 8-BIT | 6144=16X48X8/FIELD PROGRAMMABLE LOGIC ARRAY/MAX. ACCESS 50NS | 2901 |
| MC82101LM | FPLA | 8-BIT | 6144=16X48X8/FIELD PROGRAMMABLE LOGIC ARRAY/MAX. ACCESS 50NS | 2901 |
| MC141000L | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/64X4 RAM/1024X8 ROM/INT. OSC./600KHZ | TMS1000C |
| MC141000P | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/64X4 RAM/1024X8 ROM/INT. OSC./600KHZ | TMS1200C |
| MC141200L | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/64X4 RAM/1024X8 ROM/INT. OSC./600KHZ | TMS1200C |
| MC141200P | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/64X4 RAM/1024X8 ROM/INT. OSC./600KHZ | TMS1200C |
| MCC2901C | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/9.5MHZ CLOCK | 2900 |
| MCC2902C | LAHCG | 4-BIT | LOOK-AHEAD CARRY GENERATOR/FOR 4 2901 ALUS | 2900 |
| MCC2905C | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| MCC2906C | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| MCC2907C | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| MCC2909C | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| MCC2911C | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| MCC2915C | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| MCC2916C | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| MCC2917C | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| MCC2918C | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| MCM21L14-20C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES/LOW POWER | 4040 |
| MCM21L14-20P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES/LOW POWER | 4040 |
| MCM21L14-25C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES/LOW POWER | 4040 |
| MCM21L14-25P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES/LOW POWER | 4040 |
| MCM21L14-30C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES/LOW POWER | 4040 |
| MCM21L14-30P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES/LOW POWER | 4040 |
| MCM21L14-45C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES/LOW POWER | 4040 |
| MCM21L14-45P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES/LOW POWER | 4040 |
| MCM27A08L | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| MCM27A16 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085/8080 |
| MCM66L41-20P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM66L41-20C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM66L41-25C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM66L41-25P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM66L41-30C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM66L41-30P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM66L41-45C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM66L41-45P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM68A10CL | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 6800 | 68A00 |
| MCM68A10CP | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 6800 | 68A00 |
| MCM68A10L | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 6800 | 68A00 |
| MCM68A10P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 6800 | 68A00 |
| MCM68A30AC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/10 ADDRESS 4CS LINES | 68A00 |
| MCM68A30AP | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/10 ADDRESS 2CS LINES | 68A00 |
| MCM68A308C | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/10 ADDRESS 2CS LINES | 68A00 |
| MCM68A308P | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/10 ADDRESS 2CS LINES | 68A00 |
| MCM68A316AC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | 8080 |
| MCM68A316AP | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | 8080 |
| MCM68A316EC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | 68A00 |
| MCM68A316EP | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | 68A00 |
| MCM68A332C | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 350NS/12 ADDRESS 2CS LINES | 68A00 |
| MCM68A332P | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 350NS/12 ADDRESS 2CS LINES | 68A00 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|--------------|----------------|
| INL | DIL-24/2Q | PMOS | -55C/+125C | . . . +12V | 540MXMW | . TTL | . TTL | . . . | MC8702A/B |
| INL | DIL-24/2Q | PMOS | -55C/+125C | . . . +12V | 540MXMW | . TTL | . TTL | . . . | MC8702A/C |
| INL | DIL-24/2Q | PMOS | -55C/+125C | . . . +12V | 540MXMW | . TTL | . TTL | . . . | MC8702A/MT |
| INL | DIL-24/2Q | NMOS | -55C/+125C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | . . . | MC8708/B |
| INL | DIL-24/2Q | NMOS | -55C/+125C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | . . . | MC8708/C |
| INL | DIL-24/2Q | NMOS | -55C/+125C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | . . . | MC8708/MT |
| MTA | QIL-48/1C | ECL | -30C/+85C | . -5.2V/-2V | 1.63MXW | . ECL | . ECL | . . . | MC10800 |
| MTA | QIL-48/1C | ECL | -30C/+85C | . -5.2V/-2V | 1.58MXW | . ECL | . ECL | . . . | MC10801 |
| MTA | DIL-24/2C | ECL | -30C/+85C | . -5.2V | 735MXMW | . ECL | . ECL | . . . | MC10802L |
| MTA | QIL-48/1C | ECL | -30C/+85C | . -5.2V/-2V | 1.6TPW | . ECL | . ECL | . . . | MC10803 |
| MTA | DIL-16/1C | ECL | -30C/+85C | . -5.2V/+5V | 900TPMW | ECL(TTL) | TTL(ECL) | . . . | MC10804L |
| MTA | DIL-20/1C | ECL | -30C/+85C | . -5.2V/+5V | 900TPMW | ECL(TTL) | TTL(ECL) | . . . | MC10805L |
| MTA | QIL-48/1C | ECL | -30C/+85C | . -5.2V | 1.7TPW | . ECL | . ECL | . . . | MC10806 |
| MTA | DIL-16/1C | ECL | -30C/+85C | . -5.2V | 450TPMW | . ECL | . ECL | . . . | MC10807L |
| MTA | QIL-48/1C | ECL | -30C/+85C | . -5.2V | 1.8TPW | . ECL | . ECL | . . . | MC10808 |
| MTA | DIL-16/1C | CMOS | -55C/+125C | . +5(3/18)V | 150MXuA | . TTL | . TTL | . . . | MC14500BAL |
| MTA | DIL-16/1C | CMOS | -40C/+85C | . +5(3/18)V | 150MXuA | . TTL | . TTL | . . . | MC14500BCL |
| MTA | DIL-16/1P | CMOS | -40C/+85C | . +5(3/18)V | 150MXuA | . TTL | . TTL | . . . | MC14500BCP |
| MTA | DIL-28/2C | TTLB | 0C/+70C | . +5V | 600TPMW | . TTL | TTL/TS | N825100I | MC29100LC |
| MTA | DIL-28/2C | TTLB | -55C/+125C | . +5V | 600TPMW | . TTL | TTL/TS | S825100T | MC29100LM |
| MTA | DIL-28/2C | TTLB | 0C/+70C | . +5V | 600TPMW | . TTL | TTL/OC | N825101I | MC29101LC |
| MTA | DIL-28/2C | TTLB | -55C/+125C | . +5V | 600TPMW | . TTL | TTL/OC | S825101I | MC29101LM |
| MTA | DIL-40/2C | NMOS | 0C/+70C | . +5V | 600TPMW | . TTL | . TTL | F68488L | MC68488L |
| MTA | DIL-40/2P | NMOS | 0C/+70C | . +5V | 600TPMW | . TTL | . TTL | F68488P | MC68488P |
| MTA | DIL-28/2C | TTLB | 0C/+70C | . +5V | 600TPMW | . TTL | TTL/TS | N825100I | MC82100LC |
| MTA | DIL-28/2C | TTLB | -55C/+125C | . +5V | 600TPMW | . TTL | TTL/TS | S825100I | MC82100LM |
| MTA | DIL-28/2C | TTLB | 0C/+70C | . +5V | 600TPMW | . TTL | TTL/OC | N825101I | MC82101LC |
| MTA | DIL-28/2C | TTLB | -55C/+125C | . +5V | 600TPMW | . TTL | TTL/OC | S825101I | MC82101LM |
| MTA | DIL-28/2C | CMOS | -40C/+85C | . +5(3/6)V | 2.5TPMW | . TTL | . TTL | TMS1000C | MC141000L |
| MTA | DIL-28/2P | CMOS | -40C/+85C | . +5(3/6)V | 2.5TPMW | . TTL | . TTL | TMS1000C | MC141000P |
| MTA | DIL-40/2C | CMOS | -55C/+85C | . +5(3/6)V | 2.5TPMW | . TTL | . TTL | TMS1200C | MC141200L |
| MTA | DIL-40/2P | CMOS | -55C/+85C | . +5(3/6)V | 2.5TPMW | . TTL | . TTL | TMS1200C | MC141200P |
| MTA | CHP | LSTB | 0C/+70C | . +5V | 265MXMA | . TTL | TTL/TS | AM2901XC | MCC2901C |
| MTA | CHP | BIP | 0C/+70C | . +5V | 94MXMA | . TTL | . TTL | MCC2902C | MCC2902C |
| MTA | CHP | LSTB | 0C/+70C | . +5V | 105MXMA | . TTL | TTL/TS | AM2905XC | MCC2905C |
| MTA | CHP | LSTB | 0C/+70C | . +5V | 105MXMA | . TTL | TTL/OC | AM2906XC | MCC2906C |
| MTA | CHP | LSTB | 0C/+70C | . +5V | 110MXMA | . TTL | TTL/OC+TS | AM2907XC | MCC2907C |
| MTA | CHP | TTLB | 0C/+70C | . +5V | 130MXMA | . TTL | TTL/TS | AM2909XC | MCC2909C |
| MTA | CHP | TTLB | 0C/+70C | . +5V | 130MXMA | . TTL | TTL/TS | AM2911XC | MCC2911C |
| MTA | CHP | LSTB | 0C/+70C | . +5V | 90MXMA | . TTL | . TTL | AM2915XC | MCC2915C |
| MTA | CHP | LSTB | 0C/+70C | . +5V | 110MXMA | . TTL | . TTL | AM2916XC | MCC2916C |
| MTA | CHP | LSTB | 0C/+70C | . +5V | 95MXMA | . TTL | . TTL | AM2917XC | MCC2917C |
| MTA | CHP | STLB | 0C/+70C | . +5V | 130MXMA | . TTL | TTL/TS | AM2918XC | MCC2918C |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . +5V | 65MXMA | . TTL | TTL/TS | D2114L-2 | MCM2114-20C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . +5V | 65MXMA | . TTL | TTL/TS | P2114L-2 | MCM2114-20P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . +5V | 65MXMA | . TTL | TTL/TS | D2114L-2 | MCM2114-25C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . +5V | 65MXMA | . TTL | TTL/TS | P2114L-2 | MCM2114-25P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . +5V | 65MXMA | . TTL | TTL/TS | D2114L-3 | MCM2114-30C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . +5V | 65MXMA | . TTL | TTL/TS | P2114L-3 | MCM2114-30P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . +5V | 65MXMA | . TTL | TTL/TS | D2114L-4 | MCM2114-45C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . +5V | 65MXMA | . TTL | TTL/TS | P2114L-4 | MCM2114-45P |
| MTA | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | D2708-1 | MCM27A08L |
| MTA | DIL-24/2Q | NMOS | 0C/+70C | . +5V | 105MXMA | . TTL | TTL/TS | D2716-1 | MCM27A16 |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . +5V | 385MXMW | . TTL | TTL/TS | TMS4044-20PL | MCM66L41-20P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . +5V | 385MXMW | . TTL | TTL/TS | TMS4044-20JL | MCM66L41-20C |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . +5V | 385MXMW | . TTL | TTL/TS | TMS4044-20JL | MCM66L41-25C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . +5V | 385MXMW | . TTL | TTL/TS | TMS4044-20JL | MCM66L41-25P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . +5V | 385MXMW | . TTL | TTL/TS | TMS4044-30JL | MCM66L41-30C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . +5V | 385MXMA | . TTL | TTL/TS | TMS4044-30NL | MCM66L41-30P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . +5V | 385MXMW | . TTL | TTL/TS | TMS4044-45JL | MCM66L41-45C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . +5V | 385MXMW | . TTL | TTL/TS | TMS4044-45PL | MCM66L41-45P |
| MTA | DIL-24/2C | NMOS | -45C/+85C | . +5V | 100MXMA | . TTL | TTL/TS | MCM68A10CP | MCM68A10CL |
| MTA | DIL-24/2P | NMOS | -45C/+85C | . +5V | 100MXMA | . TTL | TTL/TS | MCM68A10CL | MCM68A10CP |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . +5V | 100MXMA | . TTL | TTL/TS | F6810-1 | MCM68A10L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . +5V | 100MXMA | . TTL | TTL/TS | F6810-1 | MCM68A10P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . +5V | 130MXMA | . TTL | TTL/TS | MCM68B30AC | MCM68A30AC |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . +5V | 130MXMA | . TTL | TTL/TS | MCM68B30AP | MCM68A30AP |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . +5V | 130MXMA | . TTL | TTL/TS | MCM68B30BC | MCM68A30BC |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . +5V | 130MXMA | . TTL | TTL/TS | MCM68B30BP | MCM68A30BP |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . +5V | 120MXMA | . TTL | TTL/TS | MCM68A316AP | MCM68A316AC |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . +5V | 120MXMA | . TTL | TTL/TS | MCM68A316AC | MCM68A316AP |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . +5V | 130MXMA | . TTL | TTL/TS | SFF968A316EK | MCM68A316EC |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . +5V | 130MXMA | . TTL | TTL/TS | SFF968A316EE | MCM68A316EP |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . +5V | 80MXMA | . TTL | TTL/TS | MCM68A332P | MCM68A332C |
| MTA | MIL-24/2P | NMOS | 0C/+70C | . +5V | 80MXMA | . TTL | TTL/TS | MCM68A332C | MCM68A332P |

| DEVICE TYPE NO | FUNCI ON app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| MCM68A364C | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 350NS/13 ADDRESS 1CE LINES | 68A00 |
| MCM68A364P | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 350NS/13 ADDRESS 1CE LINES | 68A00 |
| MCM68A708L | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 6800 |
| MCM68B10L | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 250NS/7 ADDRESS 6CS LINES/FOR 2MHZ 6800 | 68B00 |
| MCM68B10P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 250NS/7 ADDRESS 6CS LINES/FOR 2MHZ 6800 | 68B00 |
| MCM68B30AC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 250NS/10 ADDRESS 4CS LINES | 68B00 |
| MCM68B30AP | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 250NS/10 ADDRESS 4CS LINES | 68B00 |
| MCM68B308C | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 250NS/10 ADDRESS 2CS LINES | 68B00 |
| MCM68B308P | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 250NS/10 ADDRESS 2CS LINES | 68B00 |
| MCM68B364C | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 250NS/13 ADDRESS 1CE LINES | 68B00 |
| MCM68B364P | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 250NS/13 ADDRESS 1CE LINES | 68B00 |
| MCM2114-20C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| MCM2114-20P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| MCM2114-25C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| MCM2114-25P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| MCM2114-30C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| MCM2114-30P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| MCM2114-45C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| MCM2114-45P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| MCM2147-55C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 55NS/6X 6Y 1-POWER-DOWN ADDRESS LINES | GEN. PURP. |
| MCM2147-55P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 55NS/6X 6Y 1-POWER-DOWN ADDRESS LINES | GEN. PURP. |
| MCM2147-70C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1-POWER-DOWN ADDRESS LINES | GEN. PURP. |
| MCM2147-70P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1-POWER-DOWN ADDRESS LINES | GEN. PURP. |
| MCM2147-85C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 85NS/6X 6Y 1-POWER-DOWN ADDRESS LINES | GEN. PURP. |
| MCM2147-85P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 85NS/6X 6Y 1-POWER-DOWN ADDRESS LINES | GEN. PURP. |
| MCM2147-100C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 100NS/6X 6Y 1-POWER-DOWN ADDRESS LINES | GEN. PURP. |
| MCM2147-100P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 100NS/6X 6Y 1-POWER-DOWN ADDRESS LINES | GEN. PURP. |
| MCM2708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM2708L | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM2716 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085/8080 |
| MCM4027AC1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 120NS/6 MULTIPLEXED,1CS ADDRESS LINES | GEN. PURP. |
| MCM4027AC2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 MULTIPLEXED,1CS ADDRESS LINES | GEN. PURP. |
| MCM4027AC3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 MULTIPLEXED,1CS ADDRESS LINES | GEN. PURP. |
| MCM4027AC4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MULTIPLEXED,1CS ADDRESS LINES | GEN. PURP. |
| MCM4027AL1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 120NS/6 MULTIPLEXED,1CS ADDRESS LINES | GEN. PURP. |
| MCM4027AL2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 MULTIPLEXED,1CS ADDRESS LINES | GEN. PURP. |
| MCM4027AL3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 MULTIPLEXED,1CS ADDRESS LINES | GEN. PURP. |
| MCM4027AL4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MULTIPLEXED,1CS ADDRESS LINES | GEN. PURP. |
| MCM4027AL4BECS | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/MIL STD 883B VERSION OF MCM4027A | GEN. PURP. |
| MCM4027AL4CECS | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/MIL STD 883C VERSION OF MCM4027A | GEN. PURP. |
| MCM4064L | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/4X 1CE ADDRESS LINES | 2900 |
| MCM4096C11 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 MULTIPLEXED ADDRESS 1CS LINES | GEN. PURP. |
| MCM4096C16 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 MULTIPLEXED ADDRESS 1CS LINES | GEN. PURP. |
| MCM4096C6 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MULTIPLEXED ADDRESS 1CS LINES | GEN. PURP. |
| MCM4096L11 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 MULTIPLEXED ADDRESS 1CS LINES | GEN. PURP. |
| MCM4096L16 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS '300NS/6 MULTIPLEXED ADDRESS 1CS LINES | GEN. PURP. |
| MCM4096L6 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MULTIPLEXED ADDRESS 1CS LINES | GEN. PURP. |
| MCM4116C-15 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| MCM4116C-20 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| MCM4116C-25 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| MCM4116C-30 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/7 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| MCM4116L-15 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| MCM4116L-20 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| MCM4116L-25 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| MCM4116L-30 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/7 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| MCM4364L | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/4X 1CE ADDRESS LINES | 2900 |
| MCM5003AL | PROM | 8-BIT | 512=64X8/MAX. ACCESS 75NS/6X 2CE ADDRESS LINES | 2900 |
| MCM5003L | PROM | 8-BIT | 512=64X8/MAX. ACCESS 75NS/6X 2CE ADDRESS LINES | 2900 |
| MCM5004AL | PROM | 8-BIT | 512=64X8/MAX. ACCESS 75NS/6X 2CE ADDRESS LINES | 2900 |
| MCM5004L | PROM | 8-BIT | 512=64X8/MAX. ACCESS 75NS/6X 2CE ADDRESS LINES | 2900 |
| MCM5303AL | PROM | 8-BIT | 512=64X8/MAX. ACCESS 75NS/6X 2CE ADDRESS LINES | 2900 |
| MCM5303L | PROM | 8-BIT | 512=64X8/MAX. ACCESS 75NS/6X 2CE ADDRESS LINES | 2900 |
| MCM5304AL | PROM | 8-BIT | 512=64X8/MAX. ACCESS 75NS/6X 2CE ADDRESS LINES | 2900 |
| MCM5304L | PROM | 8-BIT | 512=64X8/MAX. ACCESS 75NS/6X 2CE ADDRESS LINES | 2900 |
| MCM6560L | MROM | 4/8BIT | 8K=2048X4 OR 1024X8/MAX. ACCESS 350NS/7X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| MCM6560P | MROM | 4/8BIT | 8K=2048X4 OR 1024X8/MAX. ACCESS 350NS/7X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| MCM6561L | CDCVR | 8-BIT | 8K=1024X8 MROM/PREPROGRAMMED ASCII-HOLLERITH 8BIT-SELECTRIC CVTR | GEN. PURP. |
| MCM6561P | CDCVR | 8-BIT | 8K=1024X8 MROM/PREPROGRAMMED ASCII-HOLLERITH 8BIT-SELECTRIC CVTR | GEN. PURP. |
| MCM6562L | CDCVR | 8-BIT | 8K=1024X8 MROM/PREPROGRAMMED ASCII-HOLLERITH 8BIT-SELECTRIC CVTR | GEN. PURP. |
| MCM6562P | CDCVR | 8-BIT | 8K=1024X8 MROM/PREPROGRAMMED ASCII-HOLLERITH 8BIT-SELECTRIC CVTR | GEN. PURP. |
| MCM6570L | CHRGN | 7X9BIT | 8192-BIT MROM/7 ADDRESS LINES/HORIZONTAL SCAN CHARACTER GENERTR. | GEN. PURP. |
| MCM6570P | CHRGN | 7X9BIT | 8192-BIT MROM/7 ADDRESS LINES/HORIZONTAL SCAN CHARACTER GENERTR. | GEN. PURP. |
| MCM6571AL | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6571AP | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6571L | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|-----------------|
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | MCM68A364P | MCM68A364C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | MCM68A364C | MCM68A364P |
| MTA | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | B2708-1 | MCM68A708L |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | MCM68B10P | MCM68B10L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | MCM68B10P | MCM68B10P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | MCM68B30AP | MCM68B30AC |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | MCM68B30AC | MCM68B30AP |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | MCM68B308P | MCM68B308C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | MCM68B308C | MCM68B308P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | MCM68B364P | MCM68B364C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | MCM68B364C | MCM68B364P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/TS | D2114-2 | MCM2114-20C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/TS | D2114-2 | MCM2114-20P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/TS | D2114-2 | MCM2114-25C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/TS | D2114-2 | MCM2114-25P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/TS | D2114-3 | MCM2114-30C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/TS | P2114-3 | MCM2114-30P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/TS | D2114-4 | MCM2114-45C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/TS | D2114-4 | MCM2114-45P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 170MXMA | . TTL | TTL/TS | D2147-3 | MCM2147-55C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 170MXMA | . TTL | TTL/TS | D2147-3 | MCM2147-55P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 150MXMA | . TTL | TTL/TS | D2147-3 | MCM2147-70C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 150MXMA | . TTL | TTL/TS | D2147-3 | MCM2147-70P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 170MXMA | . TTL | TTL/TS | D2147 | MCM2147-85C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 170MXMA | . TTL | TTL/TS | D2147 | MCM2147-85P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 150MXMA | . TTL | TTL/TS | D2147 | MCM2147-100C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 150MXMA | . TTL | TTL/TS | D2147 | MCM2147-100P |
| MTA | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | B2708 | MCM2708 |
| MTA | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | D2708 | MCM2708L |
| MTA | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/TS | D2716 | MCM2716 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | MCM4027AC1 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | MCM4027AC2 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-3 | MCM4027AC3 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-4 | MCM4027AC4 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | MCM4027AL1 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-2 | MCM4027AL2 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-3 | MCM4027AL3 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | MK4027P-4 | MCM4027AL4 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | MCM4027AL4BCECS |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | . TTL | TTL/TS | | MCM4027AL4CECS |
| MTA | DIL-16/1C | STLB | 0C/+85C | . . +5V | 105MXMA | . TTL | TTL | | MCM4064L |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 500TPMW | . TTL | TTL/TS | MK4096P-11 | MCM4096C11 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 500TPMW | . TTL | TTL/TS | MK4096P16 | MCM4096C16 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 500TPMW | . TTL | TTL/TS | MK4096P-6 | MCM4096C6 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 500TPMW | . TTL | TTL/TS | MK4096P-11 | MCM4096L11 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 500TPMW | . TTL | TTL/TS | MK4096P16 | MCM4096L16 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 500TPMW | . TTL | TTL/TS | MK4096P-6 | MCM4096L6 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 450MXMW | . TTL | TTL/TS | MK4116P-2 | MCM4116C-15 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 450MXMW | . TTL | TTL/TS | MK4116P-2 | MCM4116C-20 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 450MXMW | . TTL | TTL/TS | MK4116P-4 | MCM4116C-25 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 450MXMW | . TTL | TTL/TS | MK4116P-4 | MCM4116C-30 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 450MXMW | . TTL | TTL/TS | MK4116P-2 | MCM4116L-15 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 450MXMW | . TTL | TTL/TS | MK4116P-2 | MCM4116L-20 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 450MXMW | . TTL | TTL/TS | MK4116P-4 | MCM4116L-25 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 450MXMW | . TTL | TTL/TS | MK4116P-4 | MCM4116L-30 |
| MTA | DIL-16/1C | STLB | -55C/+125C | . . +5V | 105MXMA | . TTL | TTL | | MCM4364L |
| MTA | DIL-24/2C | TTLB | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/OC | MCM5003L | MCM5003AL |
| MTA | DIL-24/2C | TTLB | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/OC | MCM5003AL | MCM5003L |
| MTA | DIL-24/2C | TTLB | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL | MCM5004L | MCM5004AL |
| MTA | DIL-24/2C | TTLB | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL | MCM5004AL | MCM5004L |
| MTA | DIL-24/2C | TTLB | -55C/+125C | . . +5V | 95MXMA | . TTL | TTL/OC | MCM5303L | MCM5303AL |
| MTA | DIL-24/2C | TTLB | -55C/+125C | . . +5V | 95MXMA | . TTL | TTL/OC | MCM5303AL | MCM5303L |
| MTA | DIL-24/2C | TTLB | -55C/+125C | . . +5V | 120MXMA | . TTL | TTL | MCM5304L | MCM5304AL |
| MTA | DIL-24/2C | TTLB | -55C/+125C | . . +5V | 120MXMA | . TTL | TTL | MCM5304AL | MCM5304L |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 1MXMW | . TTL | TTL/TS | MCM6560P | MCM6560L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 1MXW | . TTL | TTL/TS | MCM6560L | MCM6560P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 1MXW | . TTL | TTL/TS | MCM6561P | MCM6561L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 1MXW | . TTL | TTL/TS | MCM6561L | MCM6561P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 1MXW | . TTL | TTL/TS | MCM6562P | MCM6562L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 1MXW | . TTL | TTL/TS | MCM6562L | MCM6562P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | TTL | MCM6570P | MCM6570L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | TTL | MCM6570L | MCM6570P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | TTL | MCM6571AP | MCM6571AL |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | TTL | MCM6571AP | MCM6571AL |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | TTL | MCM6571P | MCM6571L |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| MCM6571P | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6572L | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6572P | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6573L | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6573P | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6574L | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6574P | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6575L | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6575P | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6576L | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6576P | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6577L | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6577P | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6578L | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6578P | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6579L | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6579P | CHRGN | 7X9BIT | 8192-BIT MROM/HOR. SCAN GENR./SPEC. CHAR. SET/PREPROGRAMMED 6570 | GEN. PURP. |
| MCM6580L | CHRGN | 7X9BIT | 8192-BIT MROM/7 ADDRESS LINES/VERTICAL SCAN CHARACTER GENERATOR | GEN. PURP. |
| MCM6580P | CHRGN | 7X9BIT | 8192-BIT MROM/7 ADDRESS LINES/VERTICAL SCAN CHARACTER GENERATOR | GEN. PURP. |
| MCM6581L | CHRGN | 7X9BIT | 8192-BIT MROM/VERT. SCAN GEN./SPEC. CHAR. SET/PREPROGRAMMED 6580 | GEN. PURP. |
| MCM6581P | CHRGN | 7X9BIT | 8192-BIT MROM/VERT. SCAN GEN./SPEC. CHAR. SET/PREPROGRAMMED 6580 | GEN. PURP. |
| MCM6583L | CHRGN | 7X9BIT | 8192-BIT MROM/VERT. SCAN GEN./SPEC. CHAR. SET/PREPROGRAMMED 6580 | GEN. PURP. |
| MCM6583P | CHRGN | 7X9BIT | 8192-BIT MROM/VERT. SCAN GEN./SPEC. CHAR. SET/PREPROGRAMMED 6580 | GEN. PURP. |
| MCM6590L | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 800NS/7X 4Y 1CS ADDRESS LINES/OP WTRD-OR | GEN. PURP. |
| MCM6591L | MROM | 8-BIT | 16K=2048X8/PREPROGRAMMED 6590/ASCII-SELECTRIC-ETC CODE CONVERS. | GEN. PURP. |
| MCM6604AC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 MULTIPLEXED ADDRESS 1CS LINES | 6800 |
| MCM6604AC2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MULTIPLEXED ADDRESS 1CS LINES | 6800 |
| MCM6604AC4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 425NS/6 MULTIPLEXED ADDRESS 1CS LINES | 6800 |
| MCM6604AL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 MULTIPLEXED ADDRESS 1CS LINES | 6800 |
| MCM6604AL2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MULTIPLEXED ADDRESS 1CS LINES | 6800 |
| MCM6604AL4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 425NS/6 MULTIPLEXED ADDRESS 1CS LINES | 6800 |
| MCM6604L | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 ADDRESS MULTIPLEXED 1CS LINES | 6800 |
| MCM6604L2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS MULTIPLEXED 1CS LINES | 6800 |
| MCM6604L4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS MULTIPLEXED 1CS LINES | 6800 |
| MCM6604P | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 ADDRESS MULTIPLEXED 1CS LINES | 6800 |
| MCM6604P2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS MULTIPLEXED 1CS LINES | 6800 |
| MCM6604P4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS MULTIPLEXED 1CS LINES | 6800 |
| MCM6605AL | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/8 ADDRESS 4 REFRESH 1CS LINES | 6800 |
| MCM6605AL1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/8 ADDRESS 4 REFRESH 1CS LINES | 6800 |
| MCM6605AL2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/8 ADDRESS 4 REFRESH 1CS LINES | 6800 |
| MCM6605AL4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/8 ADDRESS 4 REFRESH 1CS LINES | 6800 |
| MCM6605AP | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/8 ADDRESS 4 REFRESH 1CS LINES | 6800 |
| MCM6605AP1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/8 ADDRESS 4 REFRESH 1CS LINES | 6800 |
| MCM6605AP2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/8 ADDRESS 4 REFRESH 1CS LINES | 6800 |
| MCM6605AP4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/8 ADDRESS 4 REFRESH 1CS LINES | 6800 |
| MCM6641-20P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM6641-20C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM6641-25C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM6641-25P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM6641-30C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM6641-30P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM6641-45C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM6641-45P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES | 6800 |
| MCM6670L | MROM | 5X7BIT | 4480=128X5X7/7X 3Y 1CS ADDRESS LINES/HOR. SCAN CHAR. GENERATOR | GEN. PURP. |
| MCM6670P | MROM | 5X7BIT | 4480=128X5X7/7X 3Y 1CS ADDRESS LINES/HOR. SCAN CHAR. GENERATOR | GEN. PURP. |
| MCM6674L | CHRGN | 5X7BIT | 4480=128X5X7/ HOR. SCAN CHAR. GEN./PREPROGRAMMED 6670 | GEN. PURP. |
| MCM6674P | CHRGN | 5X7BIT | 4480=128X5X7/ HOR. SCAN CHAR. GEN./PREPROGRAMMED 6670 | GEN. PURP. |
| MCM6810AL | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES | 6800 |
| MCM6810AL1 | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 350NS/7 ADDRESS 6CS LINES | 6800 |
| MCM6810AP | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES | 6800 |
| MCM6810AP1 | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 350NS/7 ADDRESS 6CS LINES | 6800 |
| MCM6810BJCS | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| MCM6810CJCS | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| MCM6810CL | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| MCM6810CP | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| MCM6810L | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| MCM6810L1 | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 1uS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| MCM6810P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| MCM6830AL | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 4CS LINES | 6800 |
| MCM6830AP | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 4CS LINES | 6800 |
| MCM6830L | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 575NS/10 ADDRESS 4CS LINES | 6800 |
| MCM6830L7 | MROM | 8-BIT | MIKBUG/DIAGNOSTIC DEBUG PROGRAM AND SYSTEM MONITOR/MINIBUG 1 | 6800 |
| MCM6832C | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 550NS/7X 4Y 1CS ADDRESS LINES | 6800 |
| MCM6832L | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/7X 4Y 3CS ADDRESS LINES | 6800 |
| MCM6832P | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/7X 4Y 3CS ADDRESS LINES | 6800 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|--------------|----------------|
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6571L | MCM6571P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6572P | MCM6572L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6572L | MCM6572P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6573L | MCM6573L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6573L | MCM6573P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6574P | MCM6574L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6574L | MCM6574P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6575P | MCM6575L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6575L | MCM6575P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6576P | MCM6576L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6576L | MCM6576P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6577P | MCM6577L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6577L | MCM6577P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6578P | MCM6578L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6578L | MCM6578P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6579P | MCM6579L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6579L | MCM6579P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6580P | MCM6580L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6580L | MCM6580P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6581P | MCM6581L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6581L | MCM6581P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6583P | MCM6583L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -3V/+5V/+12V | 800MXMW | . TTL | . TTL | MCM6583L | MCM6583P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 405MXMW | . TTL | . TTL | . | MCM6590L |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -3V/+5V/+12V | 405MXMW | . TTL | . TTL | . | MCM6591L |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 630MXMW | . TTL | TTL/TS | MK4096P-11 | MCM6604AC |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 630MXMW | . TTL | TTL/TS | MK4096P-6 | MCM6604AC2 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 630MXMW | . TTL | TTL/TS | MK4096P-15 | MCM6604AC4 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 630MXMW | . TTL | TTL/TS | MK4096P-11 | MCM6604AL |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 630MXMW | . TTL | TTL/TS | MK4096P-6 | MCM6604AL2 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 630MXMW | . TTL | TTL/TS | MK4096P-15 | MCM6604AL4 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 630MXMW | . TTL | TTL/TS | MK4096P-11 | MCM6604L |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 630MXMW | . TTL | TTL/TS | MK4096P-16 | MCM6604L2 |
| MTA | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 630MXMW | . TTL | TTL/TS | MK4096-77 | MCM6604L4 |
| MTA | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 630MXMW | . TTL | TTL/TS | MK4096-11 | MCM6604P |
| MTA | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 630MXMW | . TTL | TTL/TS | MK4096-6 | MCM6604P2 |
| MTA | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 630MXMW | . TTL | TTL/TS | MK4096N-6 | MCM6604P4 |
| MTA | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | S6605A-1C | MCM6605AL |
| MTA | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | . | MCM6605AL1 |
| MTA | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | . | MCM6605AL2 |
| MTA | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | . | MCM6605AL4 |
| MTA | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | S6605A-1C | MCM6605AP |
| MTA | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | MCM6605AL1 | MCM6605AP1 |
| MTA | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | MCM6605AL2 | MCM6605AP2 |
| MTA | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | MCM6605AL1 | MCM6605AP4 |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | TMS4044-20NL | MCM6641-20P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | TMS4044-20JL | MCM6641-20C |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | TMS4044-20JL | MCM6641-25C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | TMS4044-20NL | MCM6641-25P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | TMS4044-30JL | MCM6641-30C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | TMS4044-30NL | MCM6641-30P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | TMS4044-45JL | MCM6641-45C |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 550 | . TTL | TTL/TS | TMS4044-45PL | MCM6641-45P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | . TTL | MCM6670P | MCM6670L |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | . TTL | MC6670L | MCM6670P |
| MTA | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | . TTL | MCM6674P | MCM6674L |
| MTA | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | . TTL | MCM6674L | MCM6674P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | MCM6810AL1 | MCM6810AL |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | . | MCM6810AL1 |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | MCM6810AP1 | MCM6810AP |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | . | MCM6810AP1 |
| MTA | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 80MXMA | . TTL | TTL/TS | . | MCM6810BJCS |
| MTA | DIL-24/2C | NMOS | -55C/+125C | . . +5V | 80MXMA | . TTL | TTL/TS | . | MCM6810CJCS |
| MTA | DIL-24/2C | NMOS | -45C/+85C | . . +5V | 80MXMA | . TTL | TTL/TS | MCM6810CP | MCM6810CL |
| MTA | DIL-24/2P | NMOS | -45C/+85C | . . +5V | 80MXMA | . TTL | TTL/TS | MCM6810CL | MCM6810CP |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | F6810 | MCM6810L |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | F6810 | MCM6810L1 |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | F6810 | MCM6810P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | S6830-2L | MCM6830AL |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | S6830-2L | MCM6830AP |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | S6830-1W | MCM6830L |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | SFF96830K7 | MCM6830L7 |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 530MXMW | . TTL | TTL/TS | MCM6832P | MCM6832C |
| MTA | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 530MXMW | . TTL | TTL/TS | MCM6832L | MCM6832L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 530MXMW | . TTL | TTL/TS | MCM6832L | MCM6832P |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| MCM7620DC | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/9 ADDRESS 1CS LINES | 2900 |
| MCM7620DM | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 85NS/9 ADDRESS 1CS LINES | 2900 |
| MCM7621DC | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/9 ADDRESS 1CS LINES | 2900 |
| MCM7621DM | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 85NS/9 ADDRESS 1CS LINES | 2900 |
| MCM7640DC | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7640DM | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 85NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7640L | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 40NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7640P | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 40NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7641DC | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7641DM | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 85NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7641L | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 40NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7641P | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 40NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7642DC | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 70NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7642DM | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 85NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7642L | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 40NS/10 ADDRESS 2CS LINES | 2900 |
| MCM7642P | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 40NS/10 ADDRESS 2CS LINES | 2900 |
| MCM7643DC | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 70NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7643DM | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 85NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7643L | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 40NS/10 ADDRESS 2CS LINES | 2900 |
| MCM7643P | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 40NS/10 ADDRESS 2CS LINES | 2900 |
| MCM7660L | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 40NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7660P | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 40NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7661L | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 40NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7661P | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 40NS/9 ADDRESS 4CS LINES | 2900 |
| MCM7680DC | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 70NS/10 ADDRESS 4CS LINES | 2900 |
| MCM7680DM | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 85NS/10 ADDRESS 4CS LINES | 2900 |
| MCM7681DC | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 70NS/10 ADDRESS 4CS LINES | 2900 |
| MCM7681DM | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 85NS/10 ADDRESS 4CS LINES | 2900 |
| MCM10139F | PROM | 8-BIT | 256=32X8/MAX. ACCESS 15NS/5 ADDRESS 1CS LINES | GEN. PURP. |
| MCM10139L | PROM | 8-BIT | 256=32X8/MAX. ACCESS 15NS/5 ADDRESS 1CS LINES | GEN. PURP. |
| MCM10143L | SRAM | 2-BIT | 16=8X2/MULTIPOINT REGISTER FILE (RAM)/2 SET OF EIGHT LATCHES | GEN. PURP. |
| MCM10144F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 26NS/5X 3Y 3CS ADDRESS LINES | GEN. PURP. |
| MCM10144L | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 26NS/5X 3Y 3CS ADDRESS LINES | GEN. PURP. |
| MCM10145F | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 15NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| MCM10145L | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 15NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| MCM10146F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 7NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM10146L | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 7NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM10147F | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 15NS/4X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| MCM10147L | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 15NS/4X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| MCM10148F | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 15NS/3X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| MCM10148L | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 15NS/3X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| MCM10149F | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 10NS/5X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM10149L | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 10NS/5X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM10152F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 15NS/5X 3Y 3CS ADDRESS LINES | GEN. PURP. |
| MCM10152L | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 15NS/5X 3Y 3CS ADDRESS LINES | GEN. PURP. |
| MCM10539F | PROM | 8-BIT | 256=32X8/MAX. ACCESS 20NS/5 ADDRESS 1CS LINES | GEN. PURP. |
| MCM10539L | PROM | 8-BIT | 256=32X8/MAX. ACCESS 20NS/5 ADDRESS 1CS LINES | GEN. PURP. |
| MCM10544F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 26NS/5X 3Y 3CS ADDRESS LINES | GEN. PURP. |
| MCM10544L | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 26NS/5X 3Y 3CS ADDRESS LINES | GEN. PURP. |
| MCM10545F | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 18NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| MCM10545L | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 18NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| MCM10546F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 9NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM10546L | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 9NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM10547F | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 20NS/4X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| MCM10547L | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 20NS/4X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| MCM10548F | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 20NS/3X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| MCM10548L | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 20NS/3X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| MCM10549F | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 12NS/5X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM10549L | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 12NS/5X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM10552F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 20NS/5X 3Y 3CS ADDRESS LINES | GEN. PURP. |
| MCM10552L | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 20NS/5X 3Y 3CS ADDRESS LINES | GEN. PURP. |
| MCM14505BAL | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 75NS/6 ADDRESS 2CE LINES | 14500 |
| MCM14505BCL | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 75NS/6 ADDRESS 2CE LINES | 14500 |
| MCM14505BCP | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 75NS/6 ADDRESS 2CE LINES | 14500 |
| MCM14524AL | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 4uS/5X 3Y ADDRESS LINES/OUTPUT LATCHES | 14500 |
| MCM14524CL | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 4uS/5X 3Y ADDRESS LINES/OUTPUT LATCHES | 14500 |
| MCM14537AL | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 6uS/8 ADDRESS 2CE LINES | 14500 |
| MCM14537CL | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 6uS/8 ADDRESS 2CE LINES | 14500 |
| MCM14537CP | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 6uS/8 ADDRESS 2CE LINES | 14500 |
| MCM14552AL | SRAM | 4-BIT | 256=64X4/MAX. ACCESS 6uS/6 ADDRESS 3CE LINES | 14500 |
| MCM14552CL | SRAM | 4-BIT | 256=64X4/MAX. ACCESS 6uS/6 ADDRESS 3CE LINES | 14500 |
| MCM14552CP | SRAM | 4-BIT | 256=64X4/MAX. ACCESS 6uS/6 ADDRESS 3CE LINES | 14500 |
| MCM66700C | MROM | 7X9BIT | 8192=128X7X9/7X 4Y 4CS ADDRESS LINES/HOR. SCAN CHAR. GEN./350NS | GEN. PURP. |
| MCM66700P | MROM | 7X9BIT | 8192=128X7X9/7X 4Y 4CS ADDRESS LINES/HOR. SCAN CHAR. GEN./350NS | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|-------------|----------------------|
| MTA | DIL-16/1C | TTLB | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/OC | 6305-1J | MCM7620DC |
| MTA | DIL-16/1C | TTLB | -55C/+125C | . . +5V | 100MXMA | . TTL | TTL/OC | 5305-1J | MCM7620DM |
| MTA | DIL-16/1C | TTLB | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | 6306-1J | MCM7621DC |
| MTA | DIL-16/1C | TTLB | -55C/+125C | . . +5V | 100MXMA | . TTL | TTL/TS | 5306-1J | MCM7621DM |
| MTA | DIL-24/2C | STLB | 0C/+70C | . . +5V | 140MXMA | . TTL | TTL/OC | 6340-1J | MCM7640DC |
| MTA | DIL-24/2C | STLB | -55C/+125C | . . +5V | 140MXMA | . TTL | TTL/OC | 5340-1J | MCM7640DM |
| MTA | DIL-24/2C | STLB | 0C/+70C | . . +5V | . . . | . TTL | TTL/OC | 6340-1J | MCM7640L |
| MTA | DIL-24/2P | STLB | 0C/+70C | . . +5V | . . . | . TTL | TTL/OC | 6340-1N | MCM7640P |
| MTA | DIL-24/2C | STLB | 0C/+70C | . . +5V | 140MXMA | . TTL | TTL/TS | 6341-1J | MCM7641DC |
| MTA | DIL-24/2C | STLB | -55C/+125C | . . +5V | 140MXMA | . TTL | TTL/TS | 5341-1J | MCM7641DM |
| MTA | DIL-24/2C | STLB | 0C/+70C | . . +5V | . . . | . TTL | TTL/TS | 6341-1N | MCM7641L |
| MTA | DIL-24/2P | STLB | 0C/+70C | . . +5V | . . . | . TTL | TTL/TS | 6341-1J | MCM7641P |
| MTA | DIL-18/1C | STLB | 0C/+70C | . . +5V | 140MXMA | . TTL | TTL/OC | 6352-1J | MCM7642DC |
| MTA | DIL-18/1C | STLB | -55C/+125C | . . +5V | 140MXMA | . TTL | TTL/OC | 5352-1J | MCM7642DM |
| MTA | DIL-18/1C | STLB | 0C/+70C | . . +5V | . . . | . TTL | TTL/OC | 6352-1J | MCM7642L |
| MTA | DIL-18/1C | STLB | 0C/+70C | . . +5V | . . . | . TTL | TTL/OC | 6352-1N | MCM7642P |
| MTA | DIL-18/1C | STLB | 0C/+70C | . . +5V | 140MXMA | . TTL | TTL/TS | 6353-1J | MCM7643DC |
| MTA | DIL-18/1C | STLB | -55C/+125C | . . +5V | 140MXMA | . TTL | TTL/TS | 5353-1J | MCM7643DM |
| MTA | DIL-18/1C | STLB | 0C/+70C | . . +5V | . . . | . TTL | TTL/TS | 6353-1J | MCM7643L |
| MTA | DIL-18/1C | STLB | 0C/+70C | . . +5V | . . . | . TTL | TTL/TS | 6353-1N | MCM7643P |
| MTA | DIL-24/2C | STLB | 0C/+70C | . . +5V | . . . | . TTL | TTL/OC | MCM7660P | MCM7660L |
| MTA | DIL-24/2P | STLB | 0C/+70C | . . +5V | . . . | . TTL | TTL/OC | MCM7660L | MCM7660P |
| MTA | DIL-24/2C | STLB | 0C/+70C | . . +5V | . . . | . TTL | TTL/TS | MCM7661P | MCM7661L |
| MTA | DIL-24/2P | STLB | 0C/+70C | . . +5V | . . . | . TTL | TTL/TS | MCM7661L | MCM7661P |
| MTA | DIL-24/2C | TTLB | 0C/+70C | . . +5V | 150MXMA | . TTL | TTL/OC | 6380-1J | MCM7680DC |
| MTA | DIL-24/2C | TTLB | -55C/+125C | . . +5V | 170MXMA | . TTL | TTL/OC | 5380-1J | MCM7680DM |
| MTA | DIL-24/2C | TTLB | 0C/+70C | . . +5V | 150MXMA | . TTL | TTL/TS | 6381-1J | MCM7681DC |
| MTA | DIL-24/2C | TTLB | -55C/+125C | . . +5V | 170MXMA | . TTL | TTL/TS | 5381-1 | MCM7681DM |
| MTA | FLP-16/3C | ECL | 0C/+75C | . . -5.2V | 125MXMA | . ECL | . ECL | GXB10139F | MCM10139F |
| MTA | DIL-16/1C | ECL | 0C/+75C | . . -5.2V | 145MXMA | . ECL | . ECL | GXB10139D | MCM10139L |
| MTA | DIL-24/2C | ECL | 0C/+75C | . . -5.2V | 150MXMA | . ECL | . ECL | . . . | MCM10143L |
| MTA | FLP-16/3C | ECL | 0C/+75C | . . -5.2V | 130MXMA | . ECL | . ECL | GXB10144F | MCM10144F |
| MTA | DIL-16/1C | ECL | 0C/+75C | . . -5.2V | 130MXMA | . ECL | . ECL | GXB10144D | MCM10144L |
| MTA | FLP-16/3C | ECL | 0C/+75C | . . -5.2V | 125MXMA | . ECL | . ECL | GXB10145F | MCM10145F |
| MTA | DIL-16/1C | ECL | 0C/+75C | . . -5.2V | 125MXMA | . ECL | . ECL | GXB10145D | MCM10145L |
| MTA | FLP-16/3C | ECL | 0C/+75C | . . -5.2V | 145MXMA | . ECL | . ECL | GXB10146F | MCM10146F |
| MTA | DIL-16/1C | ECL | 0C/+75C | . . -5.2V | 145MXMA | . ECL | . ECL | GXB10146B | MCM10146L |
| MTA | FLP-16/3C | ECL | 0C/+75C | . . -5.2V | 100MXMA | . ECL | . ECL | MCM10547F | MCM10147F |
| MTA | DIL-16/1C | ECL | 0C/+75C | . . -5.2V | 100MXMA | . ECL | . ECL | MCM10547L | MCM10147L |
| MTA | FLP-16/3C | ECL | 0C/+75C | . . -5.2V | 100MXMA | . ECL | . ECL | GXB10148D | MCM10148F |
| MTA | DIL-16/1C | ECL | 0C/+75C | . . -5.2V | 100MXMA | . ECL | . ECL | GXB10548D | MCM10148L |
| MTA | FLP-16/3C | ECL | 0C/+75C | . . -5.2V | 130MXMA | . ECL | . ECL | GXB10149D | MCM10149F |
| MTA | DIL-16/1C | ECL | 0C/+75C | . . -5.2V | 130MXMA | . ECL | . ECL | GXB10149F | MCM10149L |
| MTA | FLP-16/3C | ECL | 0C/+75C | . . -5.2V | 130MXMA | . ECL | . ECL | MCM10552F | MCM10152F |
| MTA | DIL-16/1C | ECL | 0C/+75C | . . -5.2V | 130MXMA | . ECL | . ECL | MCM10552L | MCM10152L |
| MTA | FLP-16/3C | ECL | -55C/+125C | . . -5.2V | 145MXMA | . ECL | . ECL | . . . | MCM10539F |
| MTA | DIL-16/1C | ECL | -55C/+125C | . . -5.2V | 145MXMA | . ECL | . ECL | . . . | MCM10539L |
| MTA | FLP-16/3C | ECL | -55C/+125C | . . +5V | 130MXMA | . ECL | . ECL | . . . | MCM10544F |
| MTA | DIL-16/1C | ECL | -55C/+125C | . . -5.2V | 130MXMA | . ECL | . ECL | . . . | MCM10544L |
| MTA | FLP-16/3C | ECL | -55C/+125C | . . -5.2V | 125MXMA | . ECL | . ECL | . . . | MCM10545F |
| MTA | DIL-16/1C | ECL | -55C/+125C | . . -5.2V | 125MXMA | . ECL | . ECL | . . . | MCM10545L |
| MTA | DIL-16/1C | ECL | -55C/+125C | . . -5.2V | 125MXMA | . ECL | . ECL | . . . | MCM10545L |
| MTA | FLP-16/3C | ECL | -55C/+125C | . . -5.2V | 145MXMA | . ECL | . ECL | . . . | MCM10546F |
| MTA | DIL-16/1P | ECL | -55C/+125C | . . -5.2V | 145MXMA | . ECL | . ECL | . . . | MCM10546L |
| MTA | FLP-16/3C | ECL | -55C/+125C | . . -5.2V | 100MXMA | . ECL | . ECL | . . . | MCM10547F |
| MTA | DIL-16/1C | ECL | -55C/+125C | . . -5.2V | 100MXMA | . ECL | . ECL | . . . | MCM10547L |
| MTA | FLP-16/3C | ECL | -55C/+125C | . . -5.2V | 100MXMA | . ECL | . ECL | . . . | MCM10548F |
| MTA | DIL-16/1C | ECL | -55C/+125C | . . -5.2V | 100MXMA | . ECL | . ECL | . . . | MCM10548L |
| MTA | FLP-16/3C | ECL | -55C/+125C | . . -5.2V | 130MXMA | . ECL | . ECL | . . . | MCM10549F |
| MTA | DIL-16/1C | ECL | -55C/+125C | . . -5.2V | 130MXMA | . ECL | . ECL | . . . | MCM10549L |
| MTA | FLP-16/3C | ECL | -55C/+125C | . . -5.2V | 130MXMA | . ECL | . ECL | . . . | MCM10552F |
| MTA | DIL-16/1C | ECL | -55C/+125C | . . -5.2V | 130MXMA | . ECL | . ECL | . . . | MCM10552L |
| MTA | DIL-14/1C | CMOS | -55C/+125C | . +5(3/18)V | 50MXMA | . CMOS | . CMOS/TS | . . . | MCM14505BAL |
| MTA | DIL-14/1C | CMOS | -40C/+85C | . +5(3/15)V | 50MXMA | . CMOS | . CMOS/TS | . . . | MCM14505BCL |
| MTA | DIL-14/1P | CMOS | -40C/+85C | . +5(3/15)V | 50MXMA | . CMOS | . CMOS/TS | MCM14505BCP | MCM14505BCL |
| MTA | DIL-16/1C | CMOS | -55C/+125C | . . +5(3/18)V | . . . | . CMOS | . TTL | . . . | MCM14524AL |
| MTA | DIL-16/1C | CMOS | -40C/+85C | . +5(3/18)V | . . . | . CMOS | . TTL | MCM14524CP | MCM14524CL |
| MTA | DIL-16/1P | CMOS | -40C/+85C | . +5(3/18)V | . . . | . CMOS | . TTL | MC14524CL | MCM14524CP |
| MTA | DIL-16/1C | CMOS | -55C/+125C | . +5(3/18)V | 100MXMA | . CMOS | . TTL/TS | . . . | MCM14537AL |
| MTA | DIL-16/1C | CMOS | -40C/+85C | . +5(3/18)V | 100MXMA | . CMOS | . TTL/TS | MCM14537CP | MCM14537CL |
| MTA | DIL-16/1P | CMOS | -40C/+85C | . +5(3/18)V | 100MXMA | . CMOS | . TTL/TS | MCM14537CL | MCM14537CP |
| MTA | DIL-24/2C | CMOS | -55C/+125C | . +5(3/18)V | 5MXuA | . CMOS | . TTL/TS | . . . | MCM14552AL |
| MTA | DIL-24/2C | CMOS | -40C/+85C | . +5(3/18)V | 50MXMA | . CMOS | . TTL/TS | MCM14552CP | MCM14552CL |
| MTA | DIL-24/2P | CMOS | -40C/+85C | . +5(3/18)V | 50MXMA | . CMOS | . TTL/TS | MCM14552CL | MCM14552CP |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | . TTL/TS | MCM66700P | MCM66700C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | . TTL/TS | MCM66700C | MCM66700P |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| MCM66710C | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66710P | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66714C | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66714P | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66720C | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66720P | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66730C | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66730P | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66734C | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66734P | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66740C | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66740P | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66750C | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66750P | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66751C | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66751P | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66760C | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66760P | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66770C | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66770P | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66780C | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66780P | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM66790C | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED/HOR. CLOCK | GEN-PURP. |
| MCM66790P | CHRG | 7X9BIT | 8192=128X7X9/MROM/SPEC. CHAR. SET PREPROGRAMMED 66700/HOR. SCAN | GEN. PURP. |
| MCM68308L | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 2CS LINES | 6800 |
| MCM68308P | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 2CS LINES | 6800 |
| MCM68316E | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 3CS LINES | 8080 |
| MCM68317L | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/7X 4Y 2CS ADDRESS LINES | 6800 |
| MCM68317P | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/7X 4Y 2CS ADDRESS LINES | 6800 |
| MCM68332L | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/8X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| MCM68332P | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/8X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| MCM68708L | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 6800 |
| MCM82707L | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 40NS/10 ADDRESS 1CS LINES | 6800 |
| MCM82707P | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 40NS/10 ADDRESS 1CS LINES | 6800 |
| MCM82708L | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 40NS/10 ADDRESS 1CS LINES | 6800 |
| MCM82708P | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 40NS/10 ADDRESS 1CS LINES | 6800 |
| MCM93415DC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM93415DM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM93415FM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM93415PC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM93425DC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS LINES | GEN. PURP. |
| MCM93425DM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS LINES | GEN. PURP. |
| MCM93425FM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MCM93425PC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS LINES | GEN. PURP. |
| MCM145101L | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | 14500 |
| MCM145101P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | 14500 |
| MCM145101-1L | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 14500 |
| MCM145101-1P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 14500 |
| MCM145101-3L | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | 14500 |
| MCM145101-3P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | 14500 |
| MCM145101-8L | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES | 14500 |
| MCM145101-8P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES | 14500 |
| MCS6501 | CPU | 8-BIT | 6500 FAM. CPU/20 EXT. CLK./6800 BUS COMPAT./ 65K ADDR./1MHZ CLK. | 6500 |
| MCS6501A | CPU | 8-BIT | 6500 FAM. CPU/20 EXT. CLK./6800 BUS COMPAT./ 65K ADDR./2MHZ CLK. | 6500 |
| MCS6502 | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/65K ADDR. CAPAC./1MHZ CLOCK | 6500 |
| MCS6502A | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/65K ADDR. CAPAC./2MHZ CLOCK | 6500 |
| MCS6503 | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./2 INTERRUPT LINES/1MHZ | 6500 |
| MCS6503A | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./2 INTERRUPT LINES/2MHZ | 6500 |
| MCS6504 | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| MCS6504A | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 2MHZ | 6500 |
| MCS6505 | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| MCS6505A | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 2MHZ | 6500 |
| MCS6506 | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./20 OFF/ 1MHZ CLOCK | 6500 |
| MCS6506A | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./20 OFF/ 2MHZ CLOCK | 6500 |
| MCS6512 | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/65K ADDR. CAPAC./ 1MHZ CLOCK | 6500 |
| MCS6512A | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/65K ADDR. CAPAC./ 2MHZ CLOCK | 6500 |
| MCS6513 | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/4K ADDR. CAPAC./2 INTERRUPT LINES/1MHZ | 6500 |
| MCS6513A | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/4K ADDR. CAPAC./2 INTERRUPT LINES/2MHZ | 6500 |
| MCS6514 | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| MCS6514A | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 2MHZ | 6500 |
| MCS6515 | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| MCS6515A | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 2MHZ | 6500 |
| MCS6520 | PTA | 8-BIT | PERIPHERAL ADAPTER FOR 6500 FAMILY (APP. B) | 6500 |
| MCS6522 | PTA | 8-BIT | VERSATILE INTERFACE ADAPTER FOR 6500 FAMILY/EXPANDED MCS6520 | 6500 |
| MCS6530 | MEMIO | 8-BIT | MEMORY, I-O, TIMER ARRAY/INC. 1KX8 ROM, 64X8 SRAM/FOR 6500 FAM. | 6500 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66710P | MCM66710C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66710C | MCM66710P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66714P | MCM66714C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66714C | MCM66714P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66720P | MCM66720C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66720C | MCM66720P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66730P | MCM66730C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66730C | MCM66730P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66734P | MCM66734C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66734C | MCM66734P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66740P | MCM66740C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66740C | MCM66740P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66750P | MCM66750C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66750C | MCM66750P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66751P | MCM66751C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66751C | MCM66751P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66760P | MCM66760C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66760C | MCM66760P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | CM66760C | MCM66760P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMW | . TTL | TTL/TS | MCM66770P | MCM66770C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66770C | MCM66770P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66780P | MCM66780C |
| MTA | DIL-24/1P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66780C | MCM66780P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66790P | MCM66790C |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM66790C | MCM66790P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | S6830-2L | MCM68308L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | S6830-2L | MCM68308P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS | D2316E | MCM68316E |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | MCM68317P | MCM68317L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | MCM68317L | MCM68317P |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 400TPMW | . TTL | TTL/TS | S68332C | MCM68332L |
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 400TPMW | . TTL | TTL/TS | S68332P | MCM68332P |
| MTA | DIL-24/2Q | NMOS | 0C/+70C | . . . +5V/+12V | 800XMMW | . TTL | TTL/TS | B2708 | MCM68708L |
| MTA | DIL-24/2C | TTLB | . . . | . . . +5V | . . . | . TTL | TTL/OC | . . . | MCM82707L |
| MTA | DIL-24/2P | TTLB | . . . | . . . +5V | . . . | . TTL | TTL/OC | . . . | MCM82707P |
| MTA | DIL-24/2C | TTLB | . . . | . . . +5V | . . . | . TTL | TTL/TS | . . . | MCM82708L |
| MTA | DIL-24/2P | TTLB | . . . | . . . +5V | . . . | . TTL | TTL/TS | . . . | MCM82708P |
| MTA | DIL-16/1C | TTLB | 0C/+75C | . . . +5V | 155MXMA | . TTL | TTL/OC | 93415DC | MCM93415DC |
| MTA | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 155MXMA | . TTL | TTL/OC | 93415DM | MCM93415DM |
| MTA | FLP-16/3C | TTLB | -55C/+125C | . . . +5V | 155MXMA | . TTL | TTL/OC | 93415FM | MCM93415FM |
| MTA | DIL-16/1P | TTLB | 0C/+75C | . . . +5V | 155MXMA | . TTL | TTL/OC | 93415PC | MCM93415PC |
| MTA | DIL-16/1C | TTLB | 0C/+75C | . . . +5V | 155MXMA | . TTL | TTL/TS | 93425DC | MCM93425DC |
| MTA | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 155MXMA | . TTL | TTL/TS | 93425DM | MCM93425DM |
| MTA | FLP-16/3C | TTLB | -55C/+125C | . . . +5V | 155MXMA | . TTL | TTL/TS | 93425FM | MCM93425FM |
| MTA | DIL-16/1C | TTLB | 0C/+75C | . . . +5V | 155MXMA | . TTL | TTL/TS | 93425PC | MCM93425PC |
| MTA | DIL-22/2C | CMOS | -40C/+85C | . . . +5V | 27MXMA | . TTL | TTL/TS | B5101 | MCM145101L |
| MTA | DIL-22/2P | CMOS | -40C/+85C | . . . +5V | 27MXMA | . TTL | TTL/TS | P5101 | MCM145101P |
| MTA | DIL-22/2C | CMOS | -40C/+85C | . . . +5V | 27MXMA | . TTL | TTL/TS | B5101L-1 | MCM145101-1L |
| MTA | DIL-22/2P | CMOS | -40C/+85C | . . . +5V | 27MXMA | . TTL | TTL/TS | P5101L-1 | MCM145101-1P |
| MTA | DIL-22/2C | CMOS | -40C/+85C | . . . +5V | 27MXMA | . TTL | TTL/TS | S5101L-2C | MCM145101-2C |
| MTA | DIL-22/2P | CMOS | -40C/+85C | . . . +5V | 27MXMA | . TTL | TTL/TS | B5101L-3 | MCM145101-3L |
| MTA | DIL-22/2C | CMOS | -40C/+85C | . . . +5V | 30MXMA | . TTL | TTL/TS | B5101L-3 | MCM145101-3L |
| MTA | DIL-22/2P | CMOS | -40C/+85C | . . . +5V | 30MXMA | . TTL | TTL/TS | B5101L-3 | MCM145101-3P |
| MSC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 700MXMA | . TTL | TTL/TS | SYP6501 | MCS6501A |
| MSC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6501A | MCS6501A |
| MSC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6502 | MCS6502 |
| MSC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6502A | MCS6502A |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6503 | MCS6503 |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6503A | MCS6503A |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6504 | MCS6504 |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6504A | MCS6504A |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6505 | MCS6505 |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6505A | MCS6505A |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6506 | MCS6506 |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6506A | MCS6506A |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6512 | MCS6512 |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SYP6512A | MCS6512A |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SY6513 | MCS6513 |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SY6513A | MCS6513A |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SY6514 | MCS6514 |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SY6514A | MCS6514A |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SY6515 | MCS6515 |
| MSC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | SY6515A | MCS6515A |
| MSC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 500XMMW | . TTL | TTL/TS | SY6520 | MCS6520 |
| MSC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 1MXW | . TTL | TTL/TS | SY6522 | MCS6522 |
| MSC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 1MXW | . TTL | TTL/TS | SY6530 | MCS6530 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| MCS6532 | MEMIO | 8-BIT | MEMORY, I-O, TIMER ARRAY/INC. 128X8 SRAM/FOR 6500 FAM. (APP. B) | 6500 |
| MCS6540 | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/11 ADDRESS 5CS LINES | 6500 |
| MCS6541 | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/11 ADDRESS 2CS LINES | 6500 |
| MCS6550 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/10 ADDRESS 4CS LINES | 6500 |
| MD54C245AD | TRCVR | 8-BIT | OCTAL BUS TRANSCEIVER/CMOS VERSION OF 54LS245 | GEN. PURP. |
| MD74C245AC | TRCVR | 8-BIT | OCTAL BUS TRANSCEIVER/CMOS VERSION OF 74LS245 | GEN. PURP. |
| MD74C245AE | TRCVR | 8-BIT | OCTAL BUS TRANSCEIVER/CMOS VERSION OF 74LS245 | GEN. PURP. |
| MD2102A-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| MD2102A-4/B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2102A-4/C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2102A-4/MT | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2102AL-4/B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2102AL-4/C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2102AL-4/MT | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2111A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MD2111A/B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2111A/C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2111A/MT | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD21114 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| MD2114L | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| MD2114L2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| MD2114L2/B | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| MD2114L-J | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| MD2114L/B | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| MD2114-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 4040 |
| MD2115A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MD2115A/8207 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2115A/8212 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2115A/B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2115A/C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2115AL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MD2115AL/8208 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2115AL/8213 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2115AL/B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2115AL/C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2115AL/MT | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2115A/MT | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2115L/B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2115L/C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2115L/MT | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MD2125A/8209 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125A/8214 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125A/B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125A/C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125AL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MD2125AL/8210 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125AL/8215 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125AL/B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125AL/C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125AL/MT | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125A/MT | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125L/B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125L/C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2125L/MT | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2147 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MD2147/8274 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2147/8275 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| MD2708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MD2716 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085/8080 |
| MD3001 | MCU | 2-BIT | MICROPROGRAM CONTROL UNIT FOR 3000 2-BIT-SLICE FAMILY | 3000 |
| MD3001/B | MCU | 2-BIT | MICROPROGRAM CONTROL UNIT FOR 3000 2-BIT-SLICE FAM. /MIL STD 883 | 3000 |
| MD3001/C | MCU | 2-BIT | MICROPROGRAM CONTROL UNIT FOR 3000 2-BIT-SLICE FAM. /MIL STD 883 | 3000 |
| MD3001/MT | MCU | 2-BIT | MICROPROGRAM CONTROL UNIT FOR 3000 2-BIT-SLICE FAM. /MIL STD 883 | 3000 |
| MD3002 | CPEBS | 2-BIT | CENTRAL PROCESSING ELEMENT OF 3000 2-BIT SLICE FAM. | 3000 |
| MD3002/B | CPEBS | 2-BIT | CENTRAL PROCESSING ELEMENT OF 3000 2-BIT SLICE FAM./MIL STD 883 | 3000 |
| MD3002/C | CPEBS | 2-BIT | CENTRAL PROCESSING ELEMENT OF 3000 2-BIT SLICE FAM./MIL STD 883 | 3000 |
| MD3002/MT | CPEBS | 2-BIT | CENTRAL PROCESSING ELEMENT OF 3000 2-BIT SLICE FAM./MIL STD 883 | 3000 |
| MD3003 | LAHCG | 8-BIT | LOOK AHEAD CARRY GENERATOR FOR 3000 2-BIT-SLICE FAM. | 3000 |
| MD3003/B | LAHCG | 8-BIT | LOOK AHEAD CARRY GENERATOR FOR 3000 2-BIT-SLICE FAM. | 3000 |
| MD3003/C | LAHCG | 8-BIT | LOOK AHEAD CARRY GENERATOR FOR 3000 2-BIT-SLICE FAM. | 3000 |
| MD3003/MT | LAHCG | 8-BIT | LOOK AHEAD CARRY GENERATOR FOR 3000 2-BIT-SLICE FAM. | 3000 |
| MD3212 | LATCH | 8-BIT | MULTIMODE LATCH BUFFER/8 D-TYPE LATCHES/MAX. WRITE CYCLE 60NS | 3000 |
| MD3212/B | LATCH | 8-BIT | MULTIMODE LATCH BUFFER/MAX. WRITE CYCLE 60NS/MIL STD 883 | 3000 |
| MD3212/C | LATCH | 8-BIT | MULTIMODE LATCH BUFFER/MAX. WRITE CYCLE 60NS/MIL STD 883 | 3000 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|-------------|----------------|
| MSC | DIL-40/2P | NMOS | 0C/+70C | +5V | 1MXW | TTL | TTL/TS | SY6532 | MCS6532 |
| MSC | DIL-28/2P | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | | MCS6540 |
| MSC | DIL-24/2P | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | | MCS6541 |
| MSC | DIL-22/2P | NMOS | 0C/+70C | +5V | 450TPMW | TTL | TTL/TS | | MCS6550 |
| MIL | DIL-20/4C | CMOS | -55C/+125C | +5V | 1MXMA | TTL | TTL/TS | | MD54C245AD |
| MIL | DIL-20/4C | CMOS | -40C/+85C | +5V | 1MXMA | TTL | TTL/TS | | MD74C245AC |
| MIL | DIL-20/4P | CMOS | -40C/+85C | +5V | 1MXMA | | | | MD74C245AE |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 55MXMA | TTL | TTL/TS | D2102A-4 | MD2102A-4 |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 60MXMA | TTL | TTL/TS | | MD2102A-4/B |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 60MXMA | TTL | TTL/TS | | MD2102A-4/C |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 60MXMA | TTL | TTL/TS | | MD2102A-4/MT |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 33MXMA | TTL | TTL/TS | | MD2102AL-4/B |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 33MXMA | TTL | TTL/TS | | MD2102AL-4/C |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 33MXMA | TTL | TTL/TS | | MD2102AL-4/MT |
| INL | DIL-18/1C | NMOS | -55C/+125C | +5V | 55MXMA | TTL | TTL/TS | | MD2111A |
| INL | DIL-18/1C | NMOS | -55C/+125C | +5V | 55MXMA | TTL | TTL/TS | | MD2111A/B |
| INL | DIL-18/1C | NMOS | -55C/+125C | +5V | 55MXMA | TTL | TTL/TS | | MD2111A/C |
| INL | DIL-18/1C | NMOS | -55C/+125C | +5V | 55MXMA | TTL | TTL/TS | | MD2111A/MT |
| INL | DIL-18/1C | NMOS | -55C/+125C | +5V | 120MXMA | TTL | TTL/TS | MD2114L | MD2114 |
| INL | DIL-18/1C | NMOS | -55C/+125C | +5V | 65MXMA | TTL | TTL/TS | | MD2114L |
| INS | DIL-18/1C | NMOS | -55C/+125C | +5V | 65MXMA | TTL | TTL/TS | IM2114L2MJN | MD2114L2 |
| INS | DIL-18/1C | NMOS | -55C/+125C | +5V | 65MXMA | TTL | TTL/TS | | MD2114L2/B |
| INL | DIL-18/1C | NMOS | -55C/+125C | +5V | 65MXMA | TTL | TTL/TS | | MD2114L-3 |
| INS | DIL-18/1C | NMOS | -55C/+125C | +5V | 65MXMA | TTL | TTL/TS | | MD2114L/B |
| INL | DIL-18/1C | NMOS | -55C/+125C | +5V | 120MXMA | TTL | TTL/TS | MD2114L-3 | MD2114-3 |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 125MXMA | TTL | TTL/OC | MD2115AL | MD2115A |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 125MXMA | TTL | TTL/OC | | MD2115A/8207 |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 125MXMA | TTL | TTL/OC | | MD2115A/8212 |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 125MXMA | TTL | TTL/OC | | MD2115A/B |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 125MXMA | TTL | TTL/OC | | MD2115A/C |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/OC | | MD2115AL |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/OC | | MD2115AL/8208 |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/OC | | MD2115AL/8213 |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/OC | | MD2115AL/B |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/OC | | MD2115AL/C |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/OC | | MD2115AL/MT |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 125MXMA | TTL | TTL/OC | | MD2115A/MT |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 65MXMA | TTL | TTL/OC | | MD2115L/B |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 65MXMA | TTL | TTL/OC | | MD2115L/C |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 65MXMA | TTL | TTL/OC | | MD2115L/MT |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 125MXMA | TTL | TTL/TS | MD2125AL | MD2125A |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 125MXMA | TTL | TTL/TS | | MD2125A/8209 |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 125MXMA | TTL | TTL/TS | | MD2125A/8214 |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 125MXMA | TTL | TTL/TS | | MD2125A/B |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 125MXMA | TTL | TTL/TS | | MD2125A/C |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/TS | | MD2125AL |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/TS | | MD2125AL/8210 |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/TS | | MD2125AL/8215 |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/TS | | MD2125AL/B |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/TS | | MD2125AL/C |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/TS | | MD2125AL/MT |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 75MXMA | TTL | TTL/TS | | MD2125A/MT |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 65MXMA | TTL | TTL/TS | | MD2125L/B |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 65MXMA | TTL | TTL/TS | | MD2125L/C |
| INL | DIL-16/1C | NMOS | -55C/+125C | +5V | 65MXMA | TTL | TTL/TS | | MD2125L/MT |
| INL | DIL-18/1C | NMOS | -55C/+125C | +5V | 150MXMA | TTL | TTL/TS | MCM2147C-70 | MD2147 |
| INL | DIL-18/1C | NMOS | -55C/+125C | +5V | 150MXMA | TTL | TTL/TS | | MD2147/8274 |
| INL | DIL-18/1C | NMOS | -55C/+125C | +5V | 150MXMA | TTL | TTL/TS | | MD2147/8275 |
| INL | DIL-24/2Q | NMOS | -55C/+125C | -5V/+5V/+12V | 7050XMW | TTL | TTL/TS | | MD2708 |
| INL | DIL-24/2Q | NMOS | -55C/+100C | +5V | 105MXMA | TTL | TTL/TS | MB2716 | MD2716 |
| INL | DIL-40/2C | STLB | -55C/+125C | +5V | 250MXMA | TTL | TTL/TS+OC | | MD3001 |
| INL | DIL-40/2C | STLB | -55C/+125C | +5V | 250MXMA | TTL | TTL/TS+OC | | MD3001/B |
| INL | DIL-40/2C | STLB | -55C/+125C | +5V | 250MXMA | TTL | TTL/TS+OC | | MD3001/C |
| INL | DIL-40/2C | STLB | -55C/+125C | +5V | 250MXMA | TTL | TTL/TS+OC | | MD3001/MT |
| INL | DIL-28/2C | STLB | -55C/+125C | +5V | 210MXMA | TTL | TTL/TS | S3002-I | MD3002 |
| INL | DIL-28/2C | STLB | -55C/+125C | +5V | 210MXMA | TTL | TTL/TS | | MD3002/B |
| INL | DIL-28/2C | STLB | -55C/+125C | +5V | 210MXMA | TTL | TTL/TS | | MD3002/C |
| INL | DIL-28/2C | STLB | -55C/+125C | +5V | 210MXMA | TTL | TTL/TS | | MD3002/MT |
| INL | DIL-28/2C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL | | MD3003 |
| INL | DIL-28/2C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL | | MD3003/B |
| INL | DIL-28/2C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL | | MD3003/C |
| INL | DIL-28/2C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL | | MD3003/MT |
| INL | DIL-24/2C | TTLB | -55C/+125C | +5V | 145MXMA | TTL | TTL/TS | | MD3212 |
| INL | DIL-24/2C | TTLB | -55C/+125C | +5V | 145MXMA | TTL | TTL/TS | | MD3212/B |
| INL | DIL-24/2C | TTLB | -55C/+125C | +5V | 145MXMA | TTL | TTL/TS | | MD3212/C |

| DEVICE TYPE NO | FUNCI ON app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| MD3212/MT | LATCH | 8-BIT | MULTIMODE LATCH BUFFER/MAX WRITE CYCLE 60NS/MIL STD 883 | 3000 |
| MD3214 | ITRPC | 8-BIT | INTERRUPT CONTROL INPUT | 3000 |
| MD3214/B | ITRPC | 8-BIT | INTERRUPT CONTROL UNIT/MIL STD 883 | 3000 |
| MD3214/C | ITRPC | 8-BIT | INTERRUPT CONTROL UNIT | 3000 |
| MD3214/MT | ITRPC | 8-BIT | INTERRUPT CONTROL UNIT | 3000 |
| MD3216 | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER | 3000 |
| MD3216/B | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER | 3000 |
| MD3216/C | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER | 3000 |
| MD3216/MT | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER | 3000 |
| MD3226 | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER/INVERTING | 3000 |
| MD3226/B | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER/INVERTING/MIL STD 883 | 3000 |
| MD3226/C | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER/INVERTING/MIL STD 883 | 3000 |
| MD3226/MT | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER/INVERTING/MIL STD 883 | 3000 |
| MD3601 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| MD3601/B | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 90NS/8 ADDRESS 2CS LINES/MIL STD 883 | GEN. PURP. |
| MD3601/C | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 90NS/8 ADDRESS 2CS LINES/MIL STD 883 | GEN. PURP. |
| MD3601/MT | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 90NS/8 ADDRESS 2CS LINES/MIL STD 883 | GEN. PURP. |
| MD3604 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| MD3604A | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES/MOD. PROGRAMMING | GEN. PURP. |
| MD3604A/8081 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES/MIL STD 883 | GEN. PURP. |
| MD3604A/8105 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES/MIL STD 883 | GEN. PURP. |
| MD3604/B | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES/MIL STD 883 | GEN. PURP. |
| MD3604/C | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES/MIL STD 883 | GEN. PURP. |
| MD3604/MT | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| MD3624 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES/MOD. PROGRAMMING | GEN. PURP. |
| MD3624A | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES/MOD. PROGRAMMING | GEN. PURP. |
| MD3624/B | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES/MIL STD 883 | GEN. PURP. |
| MD3624/C | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES/MIL STD 883 | GEN. PURP. |
| MD3624/MT | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| MD3636 | PROM | 8-BIT | 16K=2048X8/MAX. ACCESS 80NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| MD4055BC | DSPLC | 4-BIT | LIQUID CRYSTAL DISPLAY DECODER/DRIVERS WITH LOGIC LEVEL CONVERSN | GEN. PURP. |
| MD4055BE | DSPLC | 4-BIT | LIQUID CRYSTAL DISPLAY DECODER/DRIVERS WITH LOGIC LEVEL CONVERSN | GEN. PURP. |
| MD4055BF | DSPLC | 4-BIT | LIQUID CRYSTAL DISPLAY DECODER/DRIVERS WITH LOGIC LEVEL CONVERSN | GEN. PURP. |
| MD4056BC | DSPLC | 4-BIT | LIQUID CRYSTAL DISPLAY DECODER/DRIVERS WITH LOGIC LEVEL CONVERSN | GEN. PURP. |
| MD4056BE | DSPLC | 4-BIT | LIQUID CRYSTAL DISPLAY DECODER/DRIVERS WITH LOGIC LEVEL CONVERSN | GEN. PURP. |
| MD4056BF | DSPLC | 4-BIT | LIQUID CRYSTAL DISPLAY DECODER/DRIVERS WITH LOGIC LEVEL CONVERSN | GEN. PURP. |
| MD4104BC | LVLSH | 4-BIT | QUAD LOW-TO-HIGH VOLTAGE TRANSLATOR | GEN. PURP. |
| MD4104BD | LVLSH | 4-BIT | QUAD LOW-TO-HIGH VOLTAGE TRANSLATOR | GEN. PURP. |
| MD4104BE | LVLSH | 4-BIT | QUAD LOW-TO-HIGH VOLTAGE TRANSLATOR | GEN. PURP. |
| MD4330BD | SHFTR | 1-BIT | 30-BIT STATIC SHIFT REGISTER/1MHZ CLOCK | GEN. PURP. |
| MD4330BM | SHFTR | 1-BIT | 30-BIT STATIC SHIFT REGISTER/1MHZ CLOCK | GEN. PURP. |
| MD4330BS | SHFTR | 1-BIT | 30-BIT STATIC SHIFT REGISTER/1MHZ CLOCK | GEN. PURP. |
| MD4331BD | SHFTR | 1-BIT | 30-BIT STATIC SHIFT REGISTER/1MHZ CLOCK | GEN. PURP. |
| MD4331BM | SHFTR | 1-BIT | 30-BIT STATIC SHIFT REGISTER/1MHZ CLOCK | GEN. PURP. |
| MD4331BS | SHFTR | 1-BIT | 30-BIT STATIC SHIFT REGISTER/1MHZ CLOCK | GEN. PURP. |
| MD4332BD | SHFTR | 1-BIT | 32-BIT STATIC SHIFT REGISTER/1MHZ CLOCK | GEN. PURP. |
| MD4332BM | SHFTR | 1-BIT | 32-BIT STATIC SHIFT REGISTER/1MHZ CLOCK | GEN. PURP. |
| MD4332BS | SHFTR | 1-BIT | 32-BIT STATIC SHIFT REGISTER/1MHZ CLOCK | GEN. PURP. |
| MD6703AC | SHFTR | 1-BIT | HIGH SPEED STATIC SHIFT REGISTER/288-BIT/1MHZ CLOCK | GEN. PURP. |
| MD6703AE | SHFTR | 1-BIT | HIGH SPEED STATIC SHIFT REGISTER/288-BIT/1MHZ CLOCK | GEN. PURP. |
| MD6703AF | SHFTR | 1-BIT | HIGH SPEED STATIC SHIFT REGISTER/288-BIT/1MHZ CLOCK | GEN. PURP. |
| MD8035 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS ID8048 | 8048 |
| MD8035L | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS 8048/POWER DOWN | 8048 |
| MD8048 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1024X8 ROM/27 I-O LINES | 8048 |
| MD8080A/JAN | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM./MIN. CLOCKPERIOD 480NS/MIL STD 883 | 8080 |
| MD8080A | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/MIN. INSTN. CYCLE 2uS | 8080 |
| MD8085A | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.2uS | 8085A |
| MD8102A-4/B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/MIL STD 883 | 8080 |
| MD8102A-4/C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/MIL STD 883 | 8080 |
| MD8102A-4/MT | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/MIL STD 883 | 8080 |
| MD8111A/B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/MIL STD 883 | 8080 |
| MD8111A/C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/MIL STD 883 | 8080 |
| MD8111A/MT | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/MIL STD 883 | 8080 |
| MD8155 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| MD8212 | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| MD8212/B | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080-9080 FAM./MIL STD 883 | 8080-9080 |
| MD8212/C | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080-9080 FAM./MIL STD 883 | 8080-9080 |
| MD8212/MT | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080-9080 FAM./MIL STD 883 | 8080-9080 |
| MD8214 | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080 FAM. (APP. B) | 8080 |
| MD8214/B | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080 FAM./MIL STD 883 | 8080 |
| MD8214/C | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080 FAM./MIL STD 883 | 8080 |
| MD8214/MT | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080 FAM./MIL STD 883 | 8080 |
| MD8216 | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/8080 DATA BUS BUFFER DVR | 8080-9080 |
| MD8216/B | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/MIL STD 883 | 8080-9080 |
| MD8216/C | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/MIL STD 883 | 8080-9080 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 145MXMA | . TTL | TTL/TS | . . . | MD3212/MT |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL | . . . | MD3214 |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL | . . . | MD3214/B |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL | . . . | MD3214/C |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL | . . . | MD3214/MT |
| INL | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MD3216 |
| INL | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MD3216/B |
| INL | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MD3216/C |
| INL | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MD3216/MT |
| INL | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MD3226 |
| INL | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 130MXM | . TTL | TTL/TS | . . . | MD3226/B |
| INL | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MD3226/C |
| INL | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MD3226/MT |
| INL | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | MD3601-1 | MD3601 |
| INL | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | MD3601/B |
| INL | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | MD3601/C |
| INL | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | MD3601/MT |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . . +5V | 190MXMA | . TTL | TTL/OC | . . . | MD3604 |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/OC | . . . | MD3604A |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/OC | . . . | MD3604A/8081 |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/OC | . . . | MD3604A/8105 |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 190MXMA | . TTL | TTL/OC | . . . | MD3604/B |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 190MXMA | . TTL | TTL/OC | . . . | MD3604/C |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 190MXMA | . TTL | TTL/OC | . . . | MD3604/MT |
| INL | DIL-24/2C | TTLB | 0C/+75C | . . . +5V | 190MXMA | . TTL | TTL/TS | . . . | MD3624 |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/TS | . . . | MD3624A |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 190MXMA | . TTL | TTL/TS | . . . | MD3624/B |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 190MXMA | . TTL | TTL/TS | . . . | MD3624/C |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 190MXMA | . TTL | TTL/TS | . . . | MD3624/MT |
| INL | DIL-24/2C | STLB | -55C/+125C | . . . +5V | 185MXMA | . TTL | TTL/TS | . . . | MD3636 |
| MIL | DIL-16/1C | CMOS | -40C/+85C | . +(3/18)V | 300MXuW | . CMOS | . CMOS | . . . | MD4055BC |
| MIL | DIL-16/1P | CMOS | -40C/+85C | . +(3/18)V | 300MXuW | . CMOS | . CMOS | . . . | MD4055BE |
| MIL | DIL-16/1C | CMOS | -55C/+125C | . +(3/15)V | 300MXuW | . CMOS | . CMOS | . . . | MD4055BF |
| MIL | DIL-16/1C | CMOS | -40C/+85C | . +(3/18)V | 300MXuW | . CMOS | . CMOS | . . . | MD4056BC |
| MIL | DIL-16/1P | CMOS | -40C/+85C | . +(3/18)V | 300MXuW | . CMOS | . CMOS | . . . | MD4056BE |
| MIL | DIL-16/1C | CMOS | -55C/+125C | . +(3/18)V | 300MXuW | . CMOS | . CMOS | . . . | MD4056BF |
| MIL | DIL-16/1C | CMOS | -40C/+85C | . +(5/15)V | 1.4MXMA | . MOS | MOS/TS | F4104BE | MD4104BC |
| MIL | DIL-16/1C | CMOS | -55C/+125C | . +(5/15)V | 0.6MXMA | . MOS | MOS/TS | F4104BM | MD4104BD |
| MIL | DIL-16/1C | CMOS | -40C/+85C | . +(5/15)V | 0.6MXMA | . MOS | MOS/TS | F4104BE | MD4104BE |
| MIL | DIL-40/2C | CMOS | -40C/+85C | . +(3/18)V | 100MXuA | . CMOS | . CMOS | . . . | MD4330BD |
| MIL | DIL-40/2C | CMOS | -55C/+125C | . +(3/18)V | 100MXuA | . CMOS | . CMOS | . . . | MD4330BM |
| MIL | DIL-40/2P | CMOS | -40C/+85C | . +(3/18)V | 100MXuA | . CMOS | . CMOS | . . . | MD4330BS |
| MIL | DIL-40/2C | CMOS | -40C/+85C | . +(3/18)V | 100MXuA | . CMOS | . CMOS | . . . | MD4331BD |
| MIL | DIL-40/2C | CMOS | -55C/+125C | . +(3/18)V | 100MXuA | . CMOS | . CMOS | . . . | MD4331BM |
| MIL | DIL-40/2P | CMOS | -40C/+85C | . +(3/18)V | 100MXuA | . CMOS | . CMOS | . . . | MD4331BS |
| MIL | DIL-40/2C | CMOS | -40C/+85C | . +(3/18)V | 100MXuA | . CMOS | . CMOS | . . . | MD4332BD |
| MIL | DIL-40/2C | CMOS | -55C/+125C | . +(3/18)V | 100MXuA | . CMOS | . CMOS | . . . | MD4332BM |
| MIL | DIL-40/2P | CMOS | -40C/+85C | . +(3/18)V | 100MXuA | . CMOS | . CMOS | . . . | MD4323BS |
| MIL | DIL-8/1C | CMOS | -40C/+85C | . +(1.5/10)V | 17PMA | . TTL | . CMOS | . . . | MD6703AC |
| MIL | DIL-8/1P | CMOS | -40C/+85C | . +(1.5/10)V | 17PMA | . TTL | . CMOS | . . . | MD6703AE |
| MIL | DIL-8/1C | CMOS | -55C/+125C | . +(1.5/10)V | 17PMA | . TTL | . CMOS | . . . | MD6703AF |
| INL | DIL-40/2C | NMOS | -55C/+125C | . . . +5V | 180MXMA | . TTL | . TTL | . . . | MD8035 |
| INL | DIL-40/2C | NMOS | -55C/+125C | . . . +5V | . . . | . TTL | . TTL | . . . | MD8035L |
| INL | DIL-40/2C | NMOS | -55C/+125C | . . . +5V | 180MXMA | . TTL | . TTL | . . . | MD8048 |
| INL | DIL-40/2C | NMOS | -55C/+125C | . -5V/+5V/+12V | 1.25MXW | . TTL | TTL/TS | . . . | MD8080A/JAN |
| INL | DIL-40/2C | NMOS | -55C/+125C | . -5V/+5V/+12V | 1.25MXW | . TTL | TTL/TS | AM8080ADM | MD8080A |
| INL | DIL-40/2C | NMOS | -55C/+125C | . . . +5V | 200MXMA | . TTL | . TTL | . . . | MD8085A |
| INL | DIL-16/1C | NMOS | -55C/+125C | . . . +5V | 50MXMA | . TTL | TTL/TS | . . . | MD8102A-4/B |
| INL | DIL-16/1C | NMOS | -55C/+125C | . . . +5V | 50MXMA | . TTL | TTL/TS | . . . | MD8102A-4/C |
| INL | DIL-16/1C | NMOS | -55C/+125C | . . . +5V | 50MXMA | . TTL | TTL/TS | . . . | MD8102A-4/MT |
| INL | DIL-18/1C | NMOS | -55C/+125C | . . . +5V | 55MXMA | . TTL | TTL/TS | . . . | MD8111A/B |
| INL | DIL-18/1C | NMOS | -55C/+125C | . . . +5V | 55MXMA | . TTL | TTL/TS | . . . | MD8111A/C |
| INL | DIL-18/1C | NMOS | -55C/+125C | . . . +5V | 55MXMA | . TTL | TTL/TS | . . . | MD8111A/MT |
| INL | DIL-40/2C | NMOS | -55C/+125C | . . . +5V | 180MXMA | . TTL | . TTL | . . . | MD8155 |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM8212DM | MD8212 |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MD8212/B |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MD8212/C |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MD8212/MT |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | MD8214 |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | MD8214/B |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | MD8214/C |
| INL | DIL-24/2C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | MD8214/MT |
| ADM | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 375MXMW | . TTL | TTL/TS | SAB8216D | MD8216 |
| INL | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 375MXMW | . TTL | TTL/TS | . . . | MD8216/B |
| INL | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 375MXMW | . TTL | TTL/TS | . . . | MD8216/C |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|---|---|--|---|--|
| MD8216/MT MD8224 MD8224/B MD8224/C MD8224/MT | DRVR CLOCK CLOCK CLOCK CLOCK | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/MIL STD 883 2-PHASE CLOCK GEN. DRIVER FOR 8080 FAM. (APP. B)/ 18MHZ 2-PHASE CLOCK GEN. DRIVER FOR 8080 FAM./18MHZ/MIL STD 883 2-PHASE CLOCK GEN. DRIVER FOR 8080 FAM./18MHZ/MIL STD 883 2-PHASE CLOCK GEN. DRIVER FOR 8080 FAM./18MHZ/MIL STD 883 | 8080-9080 8080 8080 8080 8080 |
| MD8226 MD8226/B MD8226/C MD8226/MT MD8228 | DRVR DRVR DRVR DRVR SYSCT | 4-BIT 4-BIT 4-BIT 4-BIT 8-BIT | BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER BIDIRECTIONAL BUS DRIVER, INVERTING/MIL STD 883 BIDIRECTIONAL BUS DRIVER, INVERTING/MIL STD 883 BIDIRECTIONAL BUS DRIVER, INVERTING/MIL STD 883 SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 8080-9080 8080-9080 8080-9080 8080-9080 |
| MD8228/B MD8228/C MD8228/MT MD8238 MD8251 | SYSCT SYSCT SYSCT SYSCT USART | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAM./MIL STD 883 SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAM./MIL STD 883 SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAM./MIL STD 883 SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080-9080 8080-9080 8080-9080 8080-9080 8080 |
| MD8251/B MD8251/C MD8251/MT MD8255 MD8255A | USART USART USART PIA PIA | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. TRANSCEIVER/MIL STD 883 PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. TRANSCEIVER/MIL STD 883 PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. TRANSCEIVER/MIL STD 883 PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAM. PROG. I-O PORT | 8080 8080 8080 8080-9080 8080 |
| MD8255/MT MD8257 MD8259 MD8748 MD46802AC | PIA DMAC PINTC MICMP MPU | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAM. PROGRAMMABLE DMA CONTROLLER/MAX. ACCESS 300NS PROGRAMMABLE INTERRUPT CONTROLLER FOR 8085 1-CHIP MICROCOMPUTER/INTERNAL CPU-RAM-IO-EPROM/6MHZ INT. CLOCK MPU WITH ON-CHIP RAM AND CLOCK OSC./CMOS VERSION OF MC6802/5MHZ | 8080-9080 8085 8085 8048 6802(CMOS) |
| MD46802AD MD46802AE MK1002N MK1002P MK1007N | MPU MPU SHFTR SHFTR SHFTR | 8-BIT 8-BIT 2-BIT 2-BIT 4-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./CMOS VERSION OF MC6802/5MHZ MPU WITH ON-CHIP RAM AND CLOCK OSC./CMOS VERSION OF MC6802/5MHZ DUAL 128-BIT STATIC SHIFT REGISTER DUAL 128-BIT STATIC SHIFT REGISTER QUAD 80-BIT DYNAMIC SHIFT REGISTER | 6802(CMOS) 6802(CMOS) GEN. PURP. GEN. PURP. GEN. PURP. |
| MK1007P MK1702A MK2300N MK2300P MK2302N | SHFTR EPROM CHRGN CHRGN CHRGN | 4-BIT 8-BIT 5X7BIT 5X7BIT 5X7BIT | QUAD 80-BIT DYNAMIC SHIFT REGISTER 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS, 1CS LINES 2240=64X5X7 BIT PREPROGRAMMED MROM/COL. BY COL. OUTPUT 2240=64X5X7 BIT PREPROGRAMMED MROM/COL. BY COL. OUTPUT 2240=64X5X7 BIT PREPROGRAMMED MROM/COL. BY COL. O-P/ASCII CODED | GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. |
| MK2302P MK2400P(24-PIN) MK2400P(28-PIN) MK2408P MK2500P | CHRGN MROM MROM CHRGN MROM | 5X7BIT 10-BIT 10-BIT 7X5BIT 4/8BIT | 2240=64X5X7 BIT PREPROGRAMMED MROM/COL. BY COL. O-P/ASCII CODED 2560=256X10/MAX. ACCESS 600NS/8 ADDRESS 1CE LINES 2560=256X10/MAX. ACCESS 600NS/8 ADDRESS 3CS 1CE LINES 64X7X5 MROM ASCII CODED CHARACTER GENERATOR/VERSION OF MK2400P 4K=1024X4,512X8/MAX. ACCESS 700NS/6X 3Y ADDRESS 4CS LINES | GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. |
| MK2503P MK2600P MK2601P MK2708 MK2708T | SPECL MROM SPECL EPROM EPROM | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | ASCII-TO-EBCDIC CODE CONVERTER VERSION OF MK2500P 4K=1024X4,512X8/MAX. ACCESS 700NS/6X 3Y ADDRESS 4CS LINES ASCII-TO-EBCDIC CODE CONVERTER VERSION OF MK2600P 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 2CS ADDRESS LINES 8K=1024X8/MAX. ACCESS 450 NS/6X 4Y2CS ADDRESS LINES | GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. |
| MK2716T MK3539 MK3602P-1 MK3602P-2 MK3602P-3 | EPROM SRAM PROM PROM PROM | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/8X 3Y 1CS ADDRESS LINES/25MA STDBY 2K=256X8/MAX. ACCESS 650NS/8 ADDRESS 2CS LINES 2K=256X8/MAX. ACCESS 550NS/8 ADDRESS 1CS LINES 2K=256X8/MAX. ACCESS 750NS/8 ADDRESS 1CS LINES 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS 1CS LINES | GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. |
| MK3702T-1 MK3702T-2 MK3702T-3 MK3702-1 MK3702-2 | EPROM EPROM EPROM EPROM EPROM | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | 2K=256X8/MAX. ACCESS 550NS/8 ADDRESS 1CS LINES 2K=256X8/MAX. ACCESS 750NS/8 ADDRESS 1CS LINES 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS 1CS LINES 2K=256X8/MAX. ACCESS 550NS/8 ADDRESS 1CS LINES 2K=256X8/MAX. ACCESS 750NS/8 ADDRESS 1CS LINES | GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. GEN. PURP. |
| MK3702-3 MK3850N-3 MK3850N-13 MK3850P-3 MK3850P-13 | EPROM CPU CPU CPU CPU | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS 1CS LINES CENTRAL PROCESSOR OF F8 FAM./2MHZ MAX. INT. CLOCK CENTRAL PROCESSOR OF F8 FAM./2MHZ MAX. INT. CLOCK CENTRAL PROCESSOR OF F8 FAM./2MHZ MAX. INT. CLOCK CENTRAL PROCESSOR OF F8 FAM./2MHZ MAX. INT. CLOCK | GEN. PURP. F8 F8 F8 F8 |
| MK3850P-23 MK3851N MK3851N/12XX MK3851P MK3851P/12XXX | CPU PSU PSU PSU PSU | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | CENTRAL PROCESSOR OF F8 FAM./2MHZ MAX. PROGRAM STORAGE UNIT FOR F8 FAM./1024X8 MROM/2 IO PORTS/TIMER PROGRAM STORAGE UNIT/ASSIGNED-MASK OPTION VERSION OF MK3851N PROGRAM STORAGE UNIT FOR F8 FAM./1024X8 MROM/2 IO PORTS/TIMER PROGRAM STORAGE UNIT/ASSIGNED-MASK OPTION VERSION OF MK3851P | F8 F8 F8 F8 F8 |
| MK3852N MK3852N-10 MK3852P MK3852P-10 MK3853N | MEMCT MEMCT MEMCT MEMCT MEMCT | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | DYNAMIC MEMORY INTERFACE/FOR UP TO 64KX8 DRAM OR SRAM DYNAMIC MEMORY INTERFACE/FOR UP TO 64KX8 DRAM OR SRAM DYNAMIC MEMORY INTERFACE/FOR UP TO 64KX8 DRAM OR SRAM DYNAMIC MEMORY INTERFACE/FOR UP TO 64KX8 DRAM OR SRAM STATIC MEM. INTERFACE FOR UP TO 64KX8 SRAM, ROM OR PROM | F8 F8 F8 F8 F8 |
| MK3853N-10 MK3853N-20 MK3853P MK3853P-10 MK3853P-20 | MEMCT MEMCT MEMCT MEMCT MEMCT | 8-BIT 8-BIT 8-BIT 8-BIT 8-BIT | STATIC MEM. INTERFACE FOR UP TO 64KX8 SRAM, ROM OR PROM STATIC MEMO INTERFACE FOR UP TO 64KX8 SRAM, ROM OR PROM STATIC MEM. INTERFACE FOR UP TO 64KX8 SRAM, ROM OR PROM STATIC MEM. INTERFACE FOR UP TO 64KX8 SRAM, ROM OR PROM STATIC MEM. INTERFACE FOR UP TO 64KX8 SRAM, ROM OR PROM | F8 F8 F8 F8 F8 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| INL | DIL-16/1C | STLB | -55C/+125C | . . +5V | 375MXMW | . TTL | TTL/TS | . . . | MD8216/MT |
| INL | DIL-16/1C | STLB | -55C/+125C | . +5V/+12V | 725MXMW | . TTL | TTL | SAB8224-D | MD8224 |
| INL | DIL-16/1C | STLB | -55C/+125C | . +5V/+12V | 725MXMW | . TTL | TTL | . . . | MD8224/B |
| INL | DIL-16/1C | STLB | -55C/+125C | . +5V/+12V | 725MXMW | . TTL | TTL | . . . | MD8224/C |
| INL | DIL-16/1C | STLB | -55C/+125C | . +5V/+12V | 725MXMW | . TTL | TTL | . . . | MD8224/MT |
| INL | DIL-16/1C | STLB | -55C/+125C | . . +5V | . . . | . TTL | TTL/TS | SAB8226-D | MD8226 |
| INL | DIL-16/1C | STLB | -55C/+125C | . . +5V | . . . | . TTL | TTL/TS | . . . | MD8226/B |
| INL | DIL-16/1C | STLB | -55C/+125C | . . +5V | . . . | . TTL | TTL/TS | . . . | MD8226/C |
| INL | DIL-16/1C | STLB | -55C/+125C | . . +5V | . . . | . TTL | TTL/TS | . . . | MD8226/MT |
| INL | DIL-28/2C | TTLB | -55C/+125C | . . +5V | 190MXMA | . TTL | TTL/TS | SAB8228-D | MD8228 |
| INL | DIL-28/2C | TTLB | -55C/+125C | . . +5V | 190MXMA | . TTL | TTL/TS | . . . | MD8228/B |
| INL | DIL-28/2C | TTLB | -55C/+125C | . . +5V | 190MXMA | . TTL | TTL/TS | . . . | MD8228/C |
| INL | DIL-28/2C | TTLB | -55C/+125C | . . +5V | 190MXMA | . TTL | TTL/TS | . . . | MD8228/MT |
| INL | DIL-28/2C | TTLB | -55C/+125C | . . +5V | 190MXMA | . TTL | TTL/TS | AM8238DM | MD8238 |
| INL | DIL-28/2C | NMOS | -55C/+125C | . . +5V | 80MXMA | . TTL | TTL | . . . | MD8251 |
| INL | DIL-28/2C | NMOS | -55C/+125C | . . +5V | 80MXMA | . TTL | TTL | MC8251/B | MD8251/B |
| INL | DIL-28/2C | NMOS | -55C/+125C | . . +5V | 80MXMA | . TTL | TTL | MC8251/C | MD8251/C |
| INL | DIL-28/2C | NMOS | -55C/+125C | . . +5V | 80MXMA | . TTL | TTL | MC8251/MT | MD8251/MT |
| INL | DIL-40/2C | NMOS | -55C/+125C | . . +5V | 120MXMA | . TTL | TTL | . . . | MD8255 |
| NAT | DIL-40/2C | NMOS | -55C/+125C | . . +5V | 120MXMA | . TTL | TTL | . . . | MD8255A |
| INL | DIL-40/2C | NMOS | -55C/+125C | . . +5V | 120MXMA | . TTL | TTL | . . . | MD8255/MT |
| INL | DIL-40/2C | NMOS | -55C/+125C | . . +5V | 120MXMA | . TTL | TTL | . . . | MD8257 |
| INL | DIL-28/2C | NMOS | -55C/+125C | . . +5V | 100MXMA | . TTL | TTL | . . . | MD8259 |
| INL | DIL-40/2C | NMOS | -55C/+125C | . . +5V | 1MXW | . TTL | TTL | . . . | MD8748 |
| MIL | | C | -40C/+85C | . . +5V | 15MXMA | . CMOS | TTL | . . . | MD46802AC |
| MIL | DIL-40/2C | CMOS | -55C/+125C | . . +5V | 15MXMA | . CMOS | TTL | . . . | MD46802AD |
| MIL | DIL-40/2P | CMOS | -40C/+85C | . . +5V | 15MXMA | . CMOS | TTL | . . . | MD46802AE |
| MSK | DIL-16/1P | PMOS | 0C/+75C | . -12V/+5V | 245MXMW | . TTL | TTL | . . . | MK1002N |
| MSK | DIL-16/1C | PMOS | 0C/+75C | . -12V/+5V | 245MXMW | . TTL | TTL | . . . | MK1002P |
| MSK | DIL-16/1P | PMOS | 0C/+75C | . -12V/+5V | 220TPMW | . TTL | TTL | . . . | MK1007N |
| MSK | DIL-16/1N | PMOS | 0C/+75C | . -12V/+5V | 220TPMW | . TTL | TTL | . . . | MK1007P |
| MSK | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 60MXMA | . TTL | TTL/TS | C1702A | MK1702A |
| MSK | DIL-24/2P | PMOS | 0C/+75C | . -12V/+5V | 680MXMW | . TTL | TTL | . . . | MK2300N |
| MSK | DIL-24/2C | PMOS | 0C/+75C | . -12V/+5V | 680MXMW | . TTL | TTL | . . . | MK2300P |
| MSK | DIL-24/2P | PMOS | 0C/+75C | . -12V/+5V | 680MXMW | . TTL | TTL | . . . | MK2302N |
| MSK | DIL-24/2P | PMOS | 0C/+75C | . -12V/+5V | 680MXMW | . TTL | TTL | . . . | MK2302P |
| MSK | DIL-24/2C | PMOS | 0C/+75C | . -12V/+5V | 425MXMW | . TTL | TTL | . . . | MK2400P (24-PIN) |
| MSK | DIL-28/2C | PMOS | 0C/+75C | . -12V/+5V | 425MXMW | . TTL | TTL | . . . | MK2400P (28-PIN) |
| MSK | DIL-28/2C | PMOS | 0C/+75C | . -12V/+5V | 425MXMW | . TTL | TTL | . . . | MK2408P |
| MSK | DIL-24/2C | PMOS | 0C/+75C | . -12V/+5V | 476MXMW | . TTL | TTL/TS | MM5232J | MK2500P |
| MSK | DIL-24/2C | PMOS | 0C/+75C | . -12V/+5V | 476MXMW | . TTL | TTL/TS | . . . | MK2503P |
| MSK | DIL-24/2C | PMOS | 0C/+75C | . -12V/+5V | 476MXMW | . TTL | TTL/TS | SY3514 | MK2600P |
| MSK | DIL-24/2C | PMOS | 0C/+75C | . -12V/+5V | 476MXMW | . TTL | TTL/TS | . . . | MK2601P |
| MSK | DIL-24/2Q | NMOS | 0C/+70C | . -5V/+5V/+12V | 390MXMW | . TTL | TTL | D2708 | MK2708 |
| MSK | DIL-24/2Q | NMOS | 0C/+70C | . -5V/+5V/+12V | 390MXMW | . TTL | TTL | D2708 | MK2708T |
| MSK | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | D2716 | MK2716T |
| MSK | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 500MXMW | . TTL | TTL | 3539DC | MK3539 |
| MSK | DIL-24/2C | PMOS | 0C/+70C | . -9V/+5V | 540MXMW | . TTL | TTL/TS | . . . | MK3602P-1 |
| MSK | DIL-24/2C | PMOS | 0C/+70C | . -9V/+5V | 540MXMW | . TTL | TTL/TS | . . . | MK3602P-2 |
| MSK | DIL-24/2C | PMOS | 0C/+70C | . -9V/+5V | 540MXMW | . TTL | TTL/TS | . . . | MK3602P-3 |
| MSK | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 540MXMW | . TTL | TTL/TS | C1702A-1 | MK3702T-1 |
| MSK | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 540MXMW | . TTL | TTL/TS | C1702A-2 | MK3702T-2 |
| MSK | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 540MXMW | . TTL | TTL/TS | C1702A-3 | MK3702T-3 |
| MSK | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 540MXMW | . TTL | TTL/TS | C1702A-1 | MK3702-1 |
| MSK | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 540MXMW | . TTL | TTL/TS | C1702A-2 | MK3702-2 |
| MSK | DIL-24/2Q | PMOS | 0C/+70C | . -9V/+5V | 540MXMW | . TTL | TTL/TS | C1702A-3 | MK3702-3 |
| MSK | DIL-40/2C | NMOS | -55C/+125C | . +5V/+12V | 800MXMW | . MOS | MOS | . . . | MK3850P-23 |
| MSK | DIL-40/2P | NMOS | -55C/+125C | . +5V/+12V | 75MXMW | . MOS | MOS | . . . | MK3851N |
| MSK | DIL-40/2P | NMOS | 0C/+70C | . +5V/+12V | 275MXMW | . MOS | MOS | . . . | MK3851N/12XX |
| MSK | DIL-40/2C | NMOS | 0C/+70C | . +5V/+12V | 275MXMW | . MOS | MOS | . . . | MK3851P |
| MSK | DIL-40/2C | NMOS | 0C/+70C | . +5V/+12V | 275MXMW | . MOS | MOS | . . . | MK3851P/12XX |
| MSK | DIL-40/2P | NMOS | 0C/+70C | . +5V/+12V | 710MXMW | . MOS | MOS | . . . | MK3852N |
| MSK | DIL-40/2P | NMOS | -40C/+85C | . +5V/+12V | 710MXMW | . MOS | MOS | . . . | MK3852N-10 |
| MSK | DIL-40/2C | NMOS | 0C/+70C | . +5V/+12V | 710MXMW | . MOS | MOS | . . . | MK3852P |
| MSK | DIL-40/2C | NMOS | -40C/+85C | . +5V/+12V | 710MXMW | . MOS | MOS | . . . | MK3852P-10 |
| MSK | DIL-40/2P | NMOS | 0C/+70C | . +5V/+12V | 710MXMW | . MOS | MOS | . . . | MK3853N |
| MSK | DIL-40/2P | NMOS | -40C/+85C | . +5V/+12V | 710MXMW | . MOS | MOS | . . . | MK3853N-10 |
| MSK | DIL-40/2P | NMOS | -55C/+125C | . +5V/+12V | 710MXMA | . MOS | MOS | . . . | MK3853N-20 |
| MSK | DIL-40/2C | NMOS | 0C/+70C | . +5V/+12V | 710MXMW | . MOS | MOS | . . . | MK3853P |
| MSK | DIL-40/2C | NMOS | -40C/+85C | . +5V/+12V | 710MXMW | . MOS | MOS | . . . | MK3853P-10 |
| MSK | DIL-40/2C | NMOS | -55C/+125C | . +5V/+12V | 710MXMW | . MOS | MOS | . . . | MK3853P-20 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| MK3854N | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/2uS CYCLE TIME | F8 |
| MK3854N-10 | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/2uS CYCLE TIME | F8 |
| MK3854P | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/2uS CYCLE TIME | F8 |
| MK3854P-10 | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/2uS CYCLE TIME | F8 |
| MK3861N | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT | F8 |
| MK3861P | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT CIRCUIT | F8 |
| MK3870N | CPU | 8-BIT | 1-CHIP MICROPROCESSOR/3870 FAMILY (APP. B) | F8-1(3870) |
| MK3870N/14XXX | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/2048X8 MROM/64X8 RAM/TIMER | F8 |
| MK3870P/14XXX | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/2048X8 MROM/64X8 RAM/TIMER | F8 |
| MK3870P | CPU | 8-BIT | 1-CHIP MICROPROCESSOR/3870 FAMILY (APP. B) | F8-1(3870) |
| MK3871N | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT WITH 3850,3853, AND PROM EQUALS MK3870 | 3850(F8) |
| MK3871N/90XXX | PIO | 8-BIT | PORT-ALLOCATED VERSION OF MK3871N | |
| MK3871P | PIO | 8-BIT | PERIPHERAL INPUT-OUTPUT WITH 3850,3853, AND PROM EQUALS MK3870 | F8(3850) |
| MK3871P/90XXX | PIO | 8-BIT | PORT-ALLOCATED VERSION OF MK3871P | |
| MK3872N | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/4032X8 MROM/128X8 RAM/TIMER/3870 PINOUT | 3870 |
| MK3872N/16XXX | MICMP | 8-BIT | CUSTOMER-SPECIFIED-MROM VERSION OF MK3872N/NON-STANDBY | 3870 |
| MK3872N/17XXX | MICMP | 8-BIT | CUSTOMER-SPECIFIED-MROM VERSION OF MK3872N/STANDBY | 3870 |
| MK3872P | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/4032X8 MROM/128X8 RAM/TIMER/3870 PINOUT | 3870 |
| MK3872P/16XXX | MICMP | 8-BIT | CUSTOMER-SPECIFIED-MROM VERSION OF MK3872P/NON-STANDBY | 3870 |
| MK3872P/17XXX | MICMP | 8-BIT | CUSTOMER-SPECIFIED-MROM VERSION OF MK3872P/STANDBY | 3870 |
| MK3873 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/2048X8 MROM/64X8 RAM/TIMER/3870 PINOUT | 3870 |
| MK3874 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/128X8 RAM/PIGGYBACK SOCKETED 1,2,OR 4K PROM | 3870 |
| MK3876N/16XXX | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/2KX8 ROM/128X8 RAM/TIMER/NON-STANDBY VERSN. | 3870 |
| MK3876P/16XXX | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/2KX8 ROM/128X8 RAM/TIMER/NON-STANDBY VERSN. | 3870 |
| MK3876N/17XXX | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/2KX8 ROM/128X8 RAM/TIMER/STANDBY VERSN. | 3870 |
| MK3876P/17XXX | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/2KX8 ROM/128X8 RAM/TIMER/STANDBY VERSN. | 3870 |
| MK3880AN | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./4MHZ MAX. CLOCK /ALT. TYPE NO. Z80A-CPU | Z80 |
| MK3880AP | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./4MHZ MAX. CLOCK /ALT. TYPE NO. Z80A-CPU | Z80 |
| MK3880N | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./2.5MHZ MAX. CLOCK /ALT. TYPE NO. Z80-CPU | Z80 |
| MK3880N-4 | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./4MHZ MAX. CLOCK /ALT. TYPE NO. Z80-CPU | Z80 |
| MK3880P | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./2.5MHZ MAX. CLOCK /ALT. TYPE NO. Z80-CPU | Z80 |
| MK3880P-4 | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./4MHZ MAX. CLOCK /ALT. TYPE NO. Z80-CPU | Z80 |
| MK3880P-10 | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./2.5MHZ MAX. CLOCK | Z80 |
| MK3880P-20 | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./2.5MHZ MAX. CLOCK | Z80 |
| MK3881AN | PIO | 8-BIT | PARALLEL I-O CONTROLLER/4MHZ CLOCK /ALTERN. TYPE NO. Z80A-PIO | Z80A |
| MK3881AP | PIO | 8-BIT | PARALLEL I-O CONTROLLER/4MHZ CLOCK /ALTERN. TYPE NO. Z80A-PIO | Z80 |
| MK3881N | PIO | 8-BIT | PARALLEL I-O CONTROLLER/2.5MHZ CLOCK/ALTERN. TYPE NO. Z80-PIO | Z80 |
| MK3881N-4 | PIO | 8-BIT | PARALLEL I-O CONTROLLER/4 MHZ CLOCK /ALTERN. TYPE NO. Z80-PIO | Z80 |
| MK3881P | PIO | 8-BIT | PARALLEL I-O CONTROLLER/2.5MHZ CLOCK/ALTERN. TYPE NO. Z80-PIO | Z80 |
| MK3881P-4 | PIO | 8-BIT | PARALLEL I-O CONTROLLER/4 MHZ CLOCK /ALTERN. TYPE NO. Z80-PIO | Z80 |
| MK3881P-10 | PIO | 8-BIT | PARALLEL I-O CONTROLLER/2.5MHZ CLOCK/ALTERN. TYPE NO. Z80-PIO | Z80 |
| MK3881P-20 | PIO | 8-BIT | PARALLEL I-O CONTROLLER/2.5MHZ CLOCK/ALTERN. TYPE NO. Z80-PIO | Z80 |
| MK3882AP | CTC | 8-BIT | COUNTER-TIMER FOR Z80A /ALTERN TYPE NO. Z80A-CTC/4MHZ CLOCK | Z80A |
| MK3882N | CTC | 8-BIT | COUNTER-TIMER FOR Z80 FAM./ALTERN. TYPE NO. Z80-CTC/2.5MHZ CLOCK | Z80 |
| MK3882N-4 | CTC | 8-BIT | COUNTER-TIMER FOR Z80 FAM./ALTERN. TYPE NO. Z80-CTC/4MHZ CLOCK | Z80 |
| MK3882N-10 | CTC | 8-BIT | COUNTER-TIMER FOR Z80 FAM./ALTERN. TYPE NO. Z80-CTC/2.5MHZ CLOCK | Z80 |
| MK3882P | CTC | 8-BIT | COUNTER-TIMER FOR Z80 FAM./ALTERN. TYPE NO. Z80-CTC/2.5MHZ CLOCK | Z80 |
| MK3882P-4 | CTC | 8-BIT | COUNTER-TIMER FOR Z80 FAM./ALTERN. TYPE NO. Z80-CTC/4MHZ CLOCK | Z80 |
| MK3882P-10 | CTC | 8-BIT | COUNTER-TIMER FOR Z80 FAM./ALTERN. TYPE NO. Z80-CTC/2.5MHZ CLOCK | Z80 |
| MK3883AP | DMAC | 8-BIT | Z80 DIRECT MEM. ACCESS CONTROL/4MHZ CLK/ALT. TYPE NO. Z80A-DMA | Z80 |
| MK3883N | DMAC | 8-BIT | Z80 DIRECT MEM. ACCESS CONTROL/2.5MHZ CLK/ALT. TYPE NO. Z80-DMA | Z80 |
| MK3883N-4 | DMAC | 8-BIT | Z80 DIRECT MEM. ACCESS CONTROL/4MHZ CLOCK/ALT. TYPE NO. Z80-DMA | Z80 |
| MK3883P | DMAC | 8-BIT | Z80 DIRECT MEM. ACCESS CONTROL/2.5MHZ CLK/ALT. TYPE NO. Z80-DMA | Z80 |
| MK3883P-4 | DMAC | 8-BIT | Z80 DIRECT MEM. ACCESS CONTROL/4MHZ CLOCK/ALT. TYPE NO. Z80-DMA | Z80 |
| MK3884AP | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80A-SIO/4MHZ | Z80A |
| MK3884N | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80-SIO/2.5MHZ | Z80 |
| MK3884N-4 | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80A-SIO/4MHZ | Z80 |
| MK3884N-10 | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80-SIO/2.5MHZ | Z80 |
| MK3884P | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80-SIO/2.5MHZ | Z80 |
| MK3884P-4 | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80A-SIO/4MHZ | Z80 |
| MK3884P-10 | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80-SIO/2.5MHZ | Z80 |
| MK3885N | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80-SIO/2.5MHZ | Z80 |
| MK3885N-4 | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80A-SIO/4MHZ | Z80 |
| MK3885N-10 | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80-SIO/2.5MHZ | Z80 |
| MK3885P | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80-SIO/2.5MHZ | Z80 |
| MK3885P-4 | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80A-SIO/4MHZ | Z80 |
| MK3885P-10 | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80-SIO/2.5MHZ | Z80 |
| MK3886 | IP/OP | 8-BIT | COMBO CHIP/256X8 SRAM/2 PROG. TIMERS/4 INTERRUPT CHANNELS | Z80 |
| MK3887N | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80-SIO/2.5MHZ | Z80 |
| MK3887N-4 | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80A-SIO/4MHZ | Z80 |
| MK3887N-10 | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80-SIO/2.5MHZ | Z80 |
| MK3887P | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80-SIO/2.5MHZ | Z80 |
| MK3887P-4 | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80A-SIO/4MHZ | Z80 |
| MK3887P-10 | SIO | 5-8BIT | SERIAL-INPUT-OUTPUT CONTROLLER/ALTERNATE TYPE NO. Z80-SIO/2.5MHZ | Z80 |
| MK4006P-6 | DRAM | 1-BIT | 1K=1024X1/MAX ACCESS 400NS/5X 5Y 1CE ADDRESS LINES/50MW STDBY | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|---------------------------|------------------------|--------------------------|---------------------------|-------------|----------------------|
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 280MXMW | MOS | MOS/TS | | MK3854N |
| MSK | DIL-40/2P | NMOS | -40C/+85C | +5V/+12V | 280MXMW | MOS | MOS/TS | | MK3854N-10 |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 280MXMW | MOS | MOS/TS | | MK3854P |
| MSK | DIL-40/2C | NMOS | -40C/+85C | +5V/+12V | 280MXMW | MOS | MOS/TS | | MK3854P-10 |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 480MXMW | MOS | MOS/TS | | MK3861N |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 480MXMW | MOS | MOS/TS | | MK3861P |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 60TPMA | 0.8/2.0V | 0.4/2.4V | F3870PC | MK3870N |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | | MK3870N/14XXX |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | | MK3870P/14XXX |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 60TPMA | 0.8/2.0V | 0.4/2.4V | F3870DC | MK3870P |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V/+12V | 400MXMW | TTL | TTL | | MK3871N |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V/+12V | 400MXMW | TTL | TTL | | MK3871N/90XXX |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | | MK3871P/90XXX |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | | MK3872N |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | | MK3872N/16XXX |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | | MK3872N/17XXX |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | | MK3872N/16XXX |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | | MK3872P/17XXX |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V | 325TPMW | TTL | TTL | | MK3873 |
| MSK | DIL-40/2 | NMOS | 0C/+70C | +5V | 200MXMA | TTL | TTL | | MK3874 |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 285TPMW | TTL | TTL | | MK3876N/16XXX |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 285TPMW | TTL | TTL | | MK3876P/16XXX |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 285TPMW | TTL | TTL | | MK3876N/17XXX |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 285TPMW | TTL | TTL | | MK3876P/17XXX |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 200MXMA | TTL | TTL/TS | Z80A-CPU-CS | MK3880AN |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 200MXMA | TTL | TTL/TS | Z80A-CPU-CS | MK3880AP |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL/TS | Z80-CPU-CS | MK3880N |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 200MXMA | TTL | TTL/TS | Z80A-CPU | MK3880N-4 |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL/TS | Z80-CPU-CS | MK3880P |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 200MXMA | TTL | TTL/TS | Z80A-CPU | MK3880P-4 |
| MSK | DIL-40/2C | NMOS | -40C/+85C | +5V | 200MXMA | TTL | TTL/TS | | MK3880P-10 |
| MSK | DIL-40/2C | NMOS | -55C/+125C | +5V | 200MXMA | TTL | TTL/TS | | MK3880P-20 |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL | Z80A-PIO | MK3881AN |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL | Z80A-PIO | MK3881AP |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL | Z80-PIO | MK3881N |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL | Z80A-PIO | MK3881N-4 |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL | Z80-PIO | MK3881P |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL | Z80A-PIO | MK3881P-4 |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL | | MK3881P-10 |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL | | MK3881P-20 |
| ZIL | DIL-28/2C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | Z80A-CTC | MK3882AP |
| MSK | DIL-28/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | Z80-CTC | MK3882N |
| MSK | DIL-28/2P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | Z80A-CTC | MK3882N-4 |
| MSK | DIL-28/2P | NMOS | -40C/+85C | +5V | 120MXMA | TTL | TTL | | MK3882N-10 |
| MSK | DIL-28/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | Z80-CTC | MK3882P |
| MSK | DIL-28/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | Z80A-CTC | MK3882P-4 |
| MSK | DIL-28/2C | NMOS | -40C/+85C | +5V | 120MXMA | TTL | TTL | | MK3882P-10 |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 200MXMA | TTL | TTL | Z80A-DMA | MK3883AP |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL | Z80-DMA | MK3883N |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL | Z80A-DMA | MK3883N-4 |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL | Z80-DMA | MK3883P |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL | Z80A-DMA | MK3883P-4 |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80A-SIO | MK3884AP |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80-SIO | MK3884N |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80A-SIO | MK3884N-4 |
| MSK | DIL-40/2P | NMOS | -40C/+85C | +5V | 140MXMA | TTL | TTL/TS | | MK3884N-10 |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80-SIO | MK3884P |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80A-SIO | MK3884P-4 |
| MSK | DIL-40/2C | NMOS | -40C/+85C | +5V | 140MXMA | TTL | TTL/TS | | MK3884P-10 |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80-SIO | MK3885N |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80A-SIO | MK3885N-4 |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80-SIO | MK3885N-10 |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80-SIO | MK3885P |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80A-SIO | MK3885P-4 |
| MSK | DIL-40/2C | NMOS | -40C/+85C | +5V | 140MXMA | TTL | TTL/TS | | MK3885P-10 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL | Z80-COMBO | MK3886 |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80-SIO | MK3887N |
| MSK | DIL-40/2P | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80A-SIO | MK3887N-4 |
| MSK | DIL-40/2P | NMOS | -40C/+85C | +5V | 140MXMA | TTL | TTL/TS | | MK3887N-10 |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80-SIO | MK3887P |
| MSK | DIL-40/2C | NMOS | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | Z80A-SIO | MK3887P-4 |
| MSK | DIL-40/2C | NMOS | -40C/+85C | +5V | 140MXMA | TTL | TTL/TS | | MK3887P-10 |
| MSK | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 544MXMW | TTL | TTL | S4006-4H | MK4006P-6 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|-------------|----------------|
| MSK | DIL-16/1P | PMOS | 0C/+75C | -9V/+5V | 535MXMW | TTL | TTL | P1101A | MK4007N |
| MSK | DIL-16/1C | PMOS | 0C/+75C | -9V/+5V | 535MXMW | TTL | TTL | P1101A | MK4007N-4 |
| MSK | DIL-16/1C | PMOS | 0C/+75C | -9V/+5V | 535MXMW | TTL | TTL | C1101A | MK4007P |
| MSK | DIL-16/1C | PMOS | 0C/+75C | -9V/+5V | 535MXMW | TTL | TTL | C1101A | MK4007P-4 |
| MSK | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 544MXMW | TTL | TTL | MK4006P-6 | MK4008P-6 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | M4027-1DC | MK4027J-1 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | M4027-2DC | MK4027J-2 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | M4027-3DC | MK4027J-3 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | M4027-4DC | MK4027J-4 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | M4027-1PC | MK4027N-1 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | M4027-2PC | MK4027N-2 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | M4027-3PC | MK4027N-3 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | M4027-4PC | MK4027N-4 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | | MK4027P-1 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | M4027-2DC | MK4027P-2 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | M4027-3DC | MK4027P-3 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | TTL | TTL/TS | M4027-4DC | MK4027P-4 |
| MSK | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 467MXMW | TTL | TTL/TS | | MK4027P-83 |
| MSK | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 467MXMW | TTL | TTL/TS | | MK4027P-84 |
| MSK | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 570MXMW | TTL | TTL/TS | | MK4096K-77 |
| MSK | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 500MXMW | TTL | TTL/TS | | MK4096K-85 |
| MSK | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 450MXMW | TTL | TTL/TS | | MK4096K-86 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | 40963DC | MK4096N-6 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | TTL | TTL/TS | 40965DC | MK4096N-11 |
| MSK | DIL-16/1P | NMOS | 0C/+55C | -5V/+5V/+15V | 35MXMA | TTL | TTL/TS | 40965DC | MK4096N-15 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 30MXMA | TTL | TTL/TS | 40964DC | MK4096N-16 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | 40963DC | MK4096P-6 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | TTL | TTL/TS | 40965DC | MK4096P-11 |
| MSK | DIL-16/1C | NMOS | 0C/+55C | -5V/+5V/+15V | 35MXMA | TTL | TTL/TS | 40965DC | MK4096P-15 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 30MXMA | TTL | TTL/TS | 40964DC | MK4096P-16 |
| MSK | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 45MXMA | TTL | TTL | 40963DC | MK4096P-77 |
| MSK | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 35MXMA | TTL | TTL | 40965DC | MK4096P-85 |
| MSK | DIL-16/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 40MXMA | TTL | TTL | 40964DC | MK4096P-86 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | P2102A-6 | MK4102N |
| MSK | DIL-16/1P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | P2102A-6 | MK4102N-1 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | P2102A-4 | MK4102N-11 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | P2102A-6 | MK4102N-12 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | P2102A-6 | MK4102P |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2102A-4 | MK4102P-1 |
| ADM | DIL-16/1C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2102A-6 | MK4102P-6 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | MM5257 | MK4104N-3 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | MM5257 | MK4104N-4 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | MM5257 | MK4104N-5 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | | MK4104N-6 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | | MK4104N-33 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | | MK4104N-34 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | | MK4104N-35 |
| MSK | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | MM5257 | MK4104P-3 |
| MSK | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | MM5257 | MK4104P-4 |
| MSK | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | MM5257 | MK4104P-5 |
| MSK | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | | MK4104P-6 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | | MK4104P-33 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | | MK4104P-34 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMW | TTL | TTL | | MK4104P-35 |
| MSK | DIL-18/1P | NMOS | -55C/+125C | +5V | 110MXMW | TTL | TTL | | MK4104P-85 |
| MSK | DIL-18/1P | NMOS | -55C/+125C | +5V | 110MXMW | TTL | TTL | | MK4104P-86 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 27MXMA | TTL | TTL | | MK4114N-3 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 27MXMA | TTL | TTL | | MK4114N-4 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 27MXMA | TTL | TTL | | MK4114N-5 |
| MSK | DIL-18/1P | NMOS | 0C/+70C | +5V | 27MXMA | TTL | TTL | | MK4114N-6 |
| MSK | DIL-18/1C | NMOS | 0C/+70C | +5V | 27MXMA | TTL | TTL | | MK4114P-3 |
| MSK | DIL-18/1C | NMOS | 0C/+70C | +5V | 27MXMA | TTL | TTL | | MK4114P-4 |
| MSK | DIL-18/1C | NMOS | 0C/+70C | +5V | 27MXMA | TTL | TTL | | MK4114P-5 |
| INS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | MCM4116C-15 | MK4116J-2 |
| INS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | MCM4116C-20 | MK4116J-3 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | | MK4116P-1 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | ITT4116-2 | MK4116P-2 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | ITT4116-3 | MK4116P-3 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | ITT4116-4 | MK4116P-4 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | | MK4200K-11 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 360MXMW | TTL | TTL/TS | | MK4200K-16 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | | MK4200N-11 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 360MXMA | TTL | TTL/TS | | MK4200N-16 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | | MK4200P-11 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 360MXMW | TTL | TTL/TS | | MK4200P-16 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | MCM4227 | MK4227N-2 |

| DEVICE TYPE NO | FUNCT ION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|-----------------|------------------|--|--------------------|
| MK4227N-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 MULTIPLEXED ADDRESS 1CS LINES | GEN. PURP. |
| MK4227N-4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MULTIPLEXED ADDRESS 1CS LINES | GEN. PURP. |
| MK4227P-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 MULTIPLEXED ADDRESS 1CS LINES | GEN. PURP. |
| MK4227P-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 MULTIPLEXED ADDRESS 1CS LINES | GEN. PURP. |
| MK4227P-4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MULTIPLEXED ADDRESS 1CS LINES | GEN. PURP. |
| MK4404P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MK4451P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/12 ADDRESS 1CE LINES | GEN. PURP. |
| MK28000N | MROM | 4/8BIT | 16=2048X8 OR 4096X4/MAX. ACCESS 600NS/DYN./12 OR 13 ADDR. LINES | GEN. PURP. |
| MK28000P | MROM | 4/8BIT | 16=2048X8 OR 4096X4/MAX. ACCESS 600NS/DYN./12 OR 13 ADDR. LINES | GEN. PURP. |
| MK30000N | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/6X 4Y 2CS ADDRESS LINES/2708 PINNING | GEN. PURP. |
| MK30000P | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/6X 4Y 2CS ADDRESS LINES/2708 PINNING | GEN. PURP. |
| MK31000N-3 | MROM | 8-BIT | 16K=2096X8/MAX. ACCESS 550NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| MK31000P-3 | MROM | 8-BIT | 16K=2096X8/MAX. ACCESS 550NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| MK32000N-5 | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 300NS/8X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MK32000P-5 | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 300NS/8X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MK34000N-3 | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| MK34000P-3 | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| MK34000P-84 | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| MK34073N-3 | CHRGN | 8-BIT | 16K=2096X8 MROM ASCII CHAR. GENERATOR/HOR-5X8 AND VERT. 5X7 CHAR | GEN. PURP. |
| MK34073P-3 | CHRGN | 8-BIT | 16K=2096X8 MROM ASCII CHAR. GEN./HOR 5X8 AND VERT 5X7 CHARACTERS | GEN. PURP. |
| MK36000N-4 | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 250NS/8X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| MK36000P-4 | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 250NS/8X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| MK36000P-5 | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 300NS/8X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| MK90001 | PIO | 8-BIT | PORT-ALLOCATED VERSION OF MK3861 PERIPHERAL INPUT-OUTPUT CIRCUIT | F8 |
| MK90002 | PIO | 8-BIT | PORT-ALLOCATED VERSION OF MK3861 PERIPHERAL INPUT-OUTPUT CIRCUIT | F8 |
| MK90003 | PIO | 8-BIT | PORT-ALLOCATED VERSION OF MK3861 PERIPHERAL INPUT-OUTPUT CIRCUIT | F8 |
| MK90004 | PIO | 8-BIT | PORT-ALLOCATED VERSION OF MK3861 PERIPHERAL INPUT-OUTPUT CIRCUIT | F8 |
| MK90005 | PIO | 8-BIT | PORT-ALLOCATED VERSION OF MK3861 PERIPHERAL INPUT-OUTPUT CIRCUIT | F8 |
| MK90070 | PIO | 8-BIT | PORT-ALLOCATED VERSION OF MK3871 PERIPHERAL INPUT-OUTPUT CIRCUIT | 3870 |
| MK90071 | PIO | 8-BIT | PORT-ALLOCATED VERSION OF MK3871 PERIPHERAL INPUT-OUTPUT CIRCUIT | 3870 |
| MK90072 | PIO | 8-BIT | PORT-ALLOCATED VERSION OF MK3871 PERIPHERAL INPUT-OUTPUT CIRCUIT | 3870 |
| MK90073 | PIO | 8-BIT | PORT-ALLOCATED VERSION OF MK3871 PERIPHERAL INPUT-OUTPUT CIRCUIT | 3870 |
| MK97400 | MICMP | 8-BIT | MK3874 VERSION FOR 2758(1KX8), 2716(2KX8), 2532(4KX8) OUTBRD PROMS | 3870 |
| MK97401 | MICMP | 8-BIT | MK97400 WITH PLUG-IN PIGGYBACK MK2716 2KX8 EPROM FITTED | 3870 |
| MK97402 | MICMP | 8-BIT | MK3874 VERSION FOR 82S2708 (1KX8) OR 2732 (4KX8) PIGGYBACK EPROM | 3870 |
| MK97403 | MICMP | 8-BIT | MK97401 WITH LOW-POWER STANDBY OPTION | 3870 |
| MK97404 | MICMP | 8-BIT | MK97403 WITH PLUG-IN PIGGYBACK MK2716 2KX8 EPROM FITTED | 3870 |
| MK97405 | MICMP | 8-BIT | MK3874 VERSN. FOR 82S2708 (1KX8) OR 2732 (4KX8) EPROMS/STDBY PWR | 3870 |
| MM54C89D | SRAM | 4-BIT | 54=16X4/MAX. ACCESS 280NS(10V)-650NS(5V)/4 ADDRESS 1CE LINES | GEN. PURP. |
| MM54C200D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 400NS(10V)-900NS(5V)/4X 4Y 3CS ADDR. LINES | GEN. PURP. |
| MM54C910D | SRAM | 4-BIT | 256=64X4/MAX. ACCESS 500NS/6 ADDRESS 1CE LINES | GEN. PURP. |
| MM54C920D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 275NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| MM74C200D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 400NS(10V)-900NS(5V)/4X 4Y 3CS ADDR. LINES | GEN. PURP. |
| MM74C200N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 400NS(10V)-900NS(5V)/4X 4Y 3CS ADDR. LINES | GEN. PURP. |
| MM74C910D | SRAM | 4-BIT | 256=64X4/MAX. ACCESS 500NS/6 ADDRESS 1CE LINES | GEN. PURP. |
| MM74C910N | SRAM | 4-BIT | 256=64X4/MAX. ACCESS 500NS/6 ADDRESS 1CE LINES | GEN. PURP. |
| MM74C920D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| MM74C920N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| MM75(PPS-4/1) | MICMP | 4-BIT | SEE PPS-4/1(MM75) | |
| MM76C(PPS-4/1) | MICMP | 4-BIT | SEE PPS-4/1(MM76C) | |
| MM76D(PPS-4/1) | MICMP | 4-BIT | SEE PPS-4/1(MM76D) | |
| MM76E(PPS-4/1) | MICMP | 4-BIT | SEE PPS-4/1(MM76E) | |
| MM76(PPS-4/1) | MICMP | 4-BIT | SEE PPS4/1(MM76) | |
| MM77(PPS-4/1) | MICMP | 4-BIT | SEE PPS-4/1(MM77) | |
| MM78(PPS-4/1) | MICMP | 4-BIT | SEE PPS-4/1(MM78) | |
| MM1101A1D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MM1101A1N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MM1101A2D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 500NS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MM1101A2N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 500NS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MM1101AD | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1.5uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MM1101AN | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1.5uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MM1101D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1.5uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MM1101N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1.5uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MM1702AD | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS, 1CS LINES | GEN. PURP. |
| MM1702AQ | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS, 1CS LINES | GEN. PURP. |
| MM2101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/ 5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101A-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/ 5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101A-2L | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101A-4L | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 8080 |
| MM2101A-6 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101A-6L | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101A-L | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|--------------|----------------------|
| MSK | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | MCM4227 | MK4227N-3 |
| MSK | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | MCM4227 | MK4227N-4 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | MCM4227 | MK4227P-2 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | MCM4227 | MK4227P-3 |
| MSK | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | TTL | TTL/TS | MCM4227 | MK4227P-4 |
| MSK | DIL-18/1C | NMOS | 0C/+70C | +5V | 45MXMA | TTL | TTL | | MK4404P |
| MSK | DIL-18/1C | NMOS | 0C/+70C | +5V | 45MXMA | TTL | TTL | | MK4451P |
| MSK | DIL-24/2P | PMOS | 0C/+70C | -12V/+5V | 595MXMW | TTL | TTL | EA4900 | MK28000N |
| MSK | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 595MXMW | TTL | TTL | EA4900 | MK28000P |
| MSK | DIL-24/2P | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTS/TS | | MK30000N |
| MSK | DIL-24/2C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | | MK30000P |
| MSK | DIL-24/2P | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | D2316A/8316A | MK31000N-3 |
| MSK | DIL-24/2C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | D2316A/8316A | MK31000P-3 |
| MSK | DIL-24/2P | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | | MK32000N-5 |
| MSK | DIL-24/2C | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | | MK32000P-5 |
| MSK | DIL-24/2P | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | | MK34000N-3 |
| MSK | DIL-24/2C | NMOS | 0C/+70C | +5V | 330MXMA | TTL | TTL/TS | | MK34000P-3 |
| MSK | DIL-24/2C | NMOS | -55C/+125C | +5V | 550MXMW | TTL | TTL/TS | | MK34000P-84 |
| MSK | DIL-24/2P | NMOS | 0C/+70C | +5V | 330MXMW | TTL | TTL/TS | | MK34073N-3 |
| MSK | DIL-24/2C | NMOS | 0C/+70C | +5V | 330MXMW | TTL | TTL/TS | | MK34073P-3 |
| MSK | DIL-24/2C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | | MK36000N-4 |
| MSK | DIL-24/2C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | | MK36000P-4 |
| MSK | DIL-24/2C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | | MK36000P-5 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V/+12V | 480MXMW | MOS | MOS/TS | | MK90001 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V/+12V | 480MXMW | MOS | MOS/TS | | MK90002 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V/+12V | 480MXMW | MOS | MOS/TS | | MK90003 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V/+12V | 480MXMW | MOS | MOS/TS | | MK90004 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V/+12V | 480MXMW | MOS | MOS/TS | | MK90005 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V/+12V | 400MXMW | TTL | TTL | | MK90070 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V/+12V | 400MXMW | TTL | TTL | | MK90071 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V/+12V | 400MXMW | TTL | TTL | | MK90072 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V/+12V | 400MXMW | TTL | TTL | | MK90073 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V | | TTL | TTL | | MK97400 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V | | TTL | TTL | | MK97401 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V | | TTL | TTL | | MK97402 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V | | TTL | TTL | | MK97403 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V | | TTL | TTL | | MK97404 |
| MSK | DIL-40/2- | NMOS | 0C/+70C | +5V | | TTL | TTL | | MK97405 |
| NAT | DIL-16/1C | CMOS | -55C/+125C | +10V(+5V) | 300MXUA | TTL | TTL/TS | | MM54C89D |
| NAT | DIL-16/1C | CMOS | -55C/+125C | +10V(+5V) | 100TPNA | TTL | TTL/TS | | MM54C200D |
| NAT | DIL-18/1C | CMOS | -55C/+125C | +5V | 300MXUA | TTL | TTL/TS | | MM54C910D |
| NAT | DIL-22/4C | CMOS | -55C/+125C | +5V | 100MXUA | TTL | TTL/TS | | MM54C920D |
| NAT | DIL-16/1C | CMOS | -40C/+70C | +10V(+5V) | 100TPNA | TTL | TTL/TS | MM74C200N | MM74C200D |
| NAT | DIL-16/1P | CMOS | -40C/+70C | +10V(+5V) | 100TPNA | TTL | TTL/TS | MM74C200D | MM74C200N |
| NAT | DIL-18/1C | CMOS | -40C/+85C | +5V | 300MXUA | TTL | TTL/TS | MM74C910N | MM74C910D |
| NAT | DIL-18/1P | CMOS | -40C/+85C | +5V | 300MXUA | TTL | TTL/TS | MM74C910D | MM74C910N |
| NAT | DIL-22/4C | CMOS | -40C/+85C | +5V | 100MXUA | TTL | TTL/TS | MM74C920N | MM74C920D |
| NAT | DIL-22/4P | CMOS | -40C/+85C | +5V | 100MXUA | TTL | TTL/TS | MM74C920D | MM74C920N |
| ROK | | | | | | | | | MM75(PPS-4/1) |
| ROK | | | | | | | | | MM76C(PPS-4/1) |
| ROK | | | | | | | | | MM76D(PPS-4/1) |
| ROK | | | | | | | | | MM76E(PPS-4/1) |
| ROK | | | | | | | | | MM76(PPS-4/1) |
| ROK | | | | | | | | | MM77(PPS-4/1) |
| ROK | | | | | | | | | MM78(PPS-4/1) |
| NAT | DIL-16/1G | PMOS | 0C/+70C | -9V/+5V | 37MXMA | TTL | TTL/TS | C1101A1 | MM1101A1D |
| NAT | DIL-16/1P | PMOS | 0C/+70C | -9V/+5V | 37MXMA | TTL | TTL/TS | P1101A1 | MM1101A1N |
| NAT | DIL-16/1G | | 0C/+70C | -9V/+5V | 37MXMA | TTL | TTL/TS | | MM1101A2D |
| NAT | DIL-16/1P | PMOS | 0C/+70C | -9V/+5V | 37MXMA | TTL | TTL/TS | | MM1101A2N |
| NAT | DIL-16/1G | PMOS | 0C/+70C | -9V/+5V | 37MXMA | TTL | TTL/TS | C1101A | MM1101AD |
| NAT | DIL-16/1P | PMOS | 0C/+70C | -9V/+5V | 37MXMA | TTL | TTL/TS | P1101A | MM1101AN |
| NAT | DIL-16/1G | PMOS | 0C/+70C | -10V/-7V/+5V | 37MXMA | TTL | TTL/TS | MM1101AD | MM1101D |
| NAT | DIL-16/1P | PMOS | 0C/+70C | -10V/-7V/+5V | 37MXMA | TTL | TTL/TS | P1101A | MM1101N |
| NAT | DIL-24/2M | PMOS | 0C/+70C | -9V/+5V | 50MXMA | TTL | TTL/TS | C1702A | MM1702AD |
| NAT | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 50MXMA | TTL | TTL/TS | C1702A | MM1702AQ |
| NAT | DIL-22/4C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | C2101 | MM2101 |
| NAT | DIL-22/4P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2101A-4 | MM2101A |
| NAT | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | C2101A-2 | MM2101A-2 |
| NAT | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | C2101A-2 | MM2101A-2L |
| NAT | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | B2101A-4 | MM2101A-4 |
| NAT | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | B2101A-4 | MM2101A-4L |
| NAT | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | C2101A-4 | MM2101A-6 |
| NAT | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | C2101A-6 | MM2101A-6L |
| NAT | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | B2101A | MM2101A-L |
| NAT | DIL-22/4C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | B2101A-4 | MM2101D |

| DEVICE TYPE NO | FUNC TION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|-----------------|------------------|--|--------------------|
| MM2101-N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/ 5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101-1D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101-1N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101-2D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2101-2N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2102D | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS /5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| MM2102MD | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| MM2102N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| MM2102-1D | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MM2102-1N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| MM2102-2MD | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| MM2102-2N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| MM2111D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2111N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2111-1D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2111-1N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2111-2D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2111-2N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM2112AD | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| MM2112AN | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| MM2112D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| MM2112N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| MM2112-2D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| MM2112-2N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| MM2708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| MM2708Q | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MM2708Q-1 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 350NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MM3501J | MROM | 8-BIT | 1K=128X8/STATIC ROM/MAX. READ 4uS/7 ADDRESS 1CS LINES | GEN. PURP. |
| MM3501N | MROM | 8-BIT | 1K=128X8/STATIC ROM/MAX. READ 4uS/7 ADDRESS 1CS LINES | GEN. PURP. |
| MM4203D | PROM | 4/8BIT | 2K=512X4(256X8)/MAX. ACCESS 1uS/5X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM4203Q | EPROM | 4/8BIT | 2K=512X4(256X8)/MAX. ACCESS 1uS/5X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM4204D | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 1.25uS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM4204Q | EPROM | 8-BIT | 4K=512X8/MAX. ACCESS 1.25uS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM4210J | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| MM4211J | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 950NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| MM4213J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM4214J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM4220J | MROM | 4-8BIT | 1K=256X4,128X8/MAX. ACCESS 650NS/7 ADDRESS 1CS 1CE LINES | GEN. PURP. |
| MM4221J | MROM | 4-8BIT | 1K=256X4,128X8/MAX. ACCESS 950NS/7 ADDRESS 1CS 1CE LINES | GEN. PURP. |
| MM4229D | MROM | 12-BIT | 3K=256X12/MAX. ACCESS 1.4uS/8 ADDRESS 2CS 1CE LINES | GEN. PURP. |
| MM4229N | MROM | 12-BIT | 3K=256X12/MAX. ACCESS 1.4uS/8 ADDRESS 2CS 1CE LINES | GEN. PURP. |
| MM4230J | MROM | 4-8BIT | 2K=512X4,256X8/MAX. ACCESS 725NS/7 ADDRESS 1CS 1CE LINES | GEN. PURP. |
| MM4231J | MROM | 4-8BIT | 2K=512X4,256X8/MAX. ACCESS 950NS/7 ADDRESS 1CS 1CE LINES | GEN. PURP. |
| MM4232J | MROM | 4-8BIT | 4K=1024X4,512X8/MAX. ACCESS 1uS/7X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM4233J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/6X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| MM4241J | MROM | 8-BIT | 3072=64X6X8/MAX. ACCESS 900NS/6X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM4242D | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/6X 4Y 4CS ADDRESS LINES | GEN. PURP. |
| MM4246D | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| MM4250D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 650NS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MM4261D | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 3CS ADDRESS LINES | GEN. PURP. |
| MM4262D | DRAM | 1-BIT | 2K=2048X1/MAX. ACCESS 470NS/5X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5203D | PROM | 4/8BIT | 2K=512X4(256X8)/MAX. ACCESS 1uS/5X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5203Q | EPROM | 4/8BIT | 2K=512X4(256X8)/MAX. ACCESS 1uS/5X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5204D | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5204Q | EPROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5210J | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| MM5210N | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| MM5211J | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 950NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| MM5211N | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 950NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| MM5212AD | MROM | 12-BIT | 12K=1024X12/MAX. ACCESS 5uS/7X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| MM5212AN | MROM | 12-BIT | 12K=1024X12/MAX. ACCESS 5uS/7X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| MM5213J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5213N | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5214J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5214N | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5215AD | MROM | 12-BIT | 12K=1024X12/MAX. ACCESS 1.5uS/7X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| MM5215AN | MROM | 12-BIT | 12K=1024X12/MAX. ACCESS 1.5uS/7X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| MM5220J | MROM | 4-8BIT | 1K=256X4,128X8/MAX. ACCESS 650NS/7 ADDRESS 1CS 1CE LINES | GEN. PURP. |
| MM5220N | MROM | 4-8BIT | 1K=256X4,128X8/MAX. ACCESS 650NS/7 ADDRESS 1CS 1CE LINES | GEN. PURP. |
| MM5221J | MROM | 4-8BIT | 1K=256X4,128X8/MAX. ACCESS 950NS/7 ADDRESS 1CS 1CE LINES | GEN. PURP. |
| MM5221N | MROM | 4-8BIT | 1K=256X4,128X8/MAX. ACCESS 950NS/7 ADDRESS 1CS 1CE LINES | GEN. PURP. |
| MM5229D | MROM | 12-BIT | 3K=256X12/MAX. ACCESS 1.4uS/8 ADDRESS 2CS 1CE LINES | GEN. PURP. |
| MM5230J | MROM | 4-8BIT | 2K=512X4,256X8/MAX. ACCESS 725NS/7 ADDRESS 1CS 1CE LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| NAT | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2101A-4 | MM2101-N |
| NAT | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | C2101-1 | MM2101-1 |
| NAT | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | B2101A-4 | MM2101-1D |
| NAT | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2101A-4 | MM2101-1N |
| NAT | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | B2101A-4 | MM2101-2D |
| NAT | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2101A-4 | MM2101-2N |
| NAT | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | C2102 | MM2102D |
| NAT | DIL-16/1M | NMOS | -55C/+125C | . . +5V | 55MXMA | . TTL | TTL/TS | MD2102AL4 | MM2102MD |
| NAT | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2102A | MM2102N |
| NAT | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | D2102A-4 | MM2102-1D |
| NAT | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2102A-4 | MM2102-1N |
| NAT | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | D2102A-6 | MM2102-2D |
| NAT | DIL-16/1M | NMOS | -55C/+125C | . . +5V | 55MXMA | . TTL | TTL/TS | MB2102A-4 | MM2102-2MD |
| NAT | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2102A-6 | MM2102-2N |
| NAT | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | D2111A | MM2111D |
| NAT | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2111A | MM2111N |
| NAT | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | D2111A | MM2111-1D |
| NAT | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2111A | MM2111-1N |
| NAT | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | D2111A | MM2111-2D |
| NAT | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2111A | MM2111-2N |
| NAT | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | D2112A | MM2112AD |
| NAT | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | P2112A | MM2112AN |
| NAT | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 60MXMW | . TTL | TTL/TS | D2112A-4 | MM2112D |
| NAT | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2112A-4 | MM2112N |
| NAT | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 60MXMW | . TTL | TTL/TS | D2112A | MM2112-2D |
| NAT | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2112A | MM2112-2N |
| NAT | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | B2708 | MM2708 |
| NAT | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | B2708 | MM2708Q |
| NAT | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | B2708-1 | MM2708Q-1 |
| NAT | DIL-24/2C | PMOS | 0C/+70C | -27V/-27V/-13V | 215MXMW | . PMOS | PMOS | . | MM3501J |
| NAT | DIL-24/2P | PMOS | 0C/+70C | -27V/-27V/-13V | 215MXMW | . PMOS | PMOS | . | MM3501N |
| NAT | DIL-24/2C | PMOS | -55C/+85C | . -12V/+5V | 55MXMA | . TTL | TTL/TS | . | MM4203D |
| NAT | DIL-24/2Q | PMOS | -55C/+85C | . -12V/+5V | 55MXMA | . TTL | TTL/TS | . | MM4203Q |
| NAT | DIL-24/2M | PMOS | -55C/+85C | . -12V/+5V | 50MXMA | . TTL | TTL/TS | . | MM4204D |
| NAT | DIL-24/2Q | PMOS | -55C/+85C | . -12V/+5V | 50MXMA | . TTL | TTL/TS | . | MM4204Q |
| NAT | DIL-16/1C | PMOS | -55C/+125C | . -12V/+12V | 300MXMW | . TTL | TTL/OC | . | MM4210J |
| NAT | DIL-16/1C | PMOS | -55C/+125C | . -12V/+12V | 150MXMW | . TTL | TTL/OC | . | MM4211J |
| NAT | DIL-24/2C | PMOS | -55C/+125C | . -12V/+12V | 37MXMA | . TTL | TTL/TS | . | MM4213J |
| NAT | DIL-24/2C | PMOS | -55C/+125C | . -12V/+12V | 37MXMA | . TTL | TTL/TS | . | MM4214J |
| NAT | DIL-24/2C | PMOS | -55C/+125C | . -12V/+12V | 300MXMW | +2/+12V | TTL/OC | . | MM4220J |
| NAT | DIL-24/2C | PMOS | -55C/+125C | . -12V/+12V | 60MXMW | . TTL | TTL/OC | . | MM4221J |
| NAT | DIL-28/2C | PMOS | -55C/+125C | . -12V/+12V | 32MXMA | . TTL | TTL/OD | . | MM4229D |
| NAT | DIL-28/1P | PMOS | -25C/+70C | . -12V/+12V | 32MXMA | . TTL | TTL/OD | . | MM4229N |
| NAT | DIL-24/2C | PMOS | -55C/+125C | . -12V/+12V | 480MXMW | . TTL | TTL/OC | . | MM4230J |
| NAT | DIL-24/2C | PMOS | -55C/+125C | . -12V/+12V | 150MXMW | . TTL | TTL/OC | . | MM4231J |
| NAT | DIL-24/2C | PMOS | -55C/+125C | . -12V/+12V | 37MXMA | . TTL | TTL/TS | . | MM4232J |
| NAT | DIL-24/2C | PMOS | -55C/+125C | . -12V/+12V | 30MXMA | . TTL | TTL/TS | . | MM4233J |
| NAT | DIL-24/2C | PMOS | -55C/+125C | . -12V/+12V | 37MXMA | . TTL | TTL/TS | . | MM4241J |
| NAT | DIL-24/2C | NMOS | -55C/+125C | . . +5V | . | . TTL | TTL/TS | . | MM4242D |
| NAT | DIL-24/2C | NMOS | -55C/+125C | . . +5V | . | . TTL | TTL/TS | . | MM4246D |
| NAT | DIL-16/1G | PMOS | -55C/+125C | . -9V/+5V | 37MXMA | . TTL | TTL/TS | . | MM4250D |
| NAT | DIL-18/1C | PMOS | -55C/+125C | -12V/+5V/+6.5V | 34MXMA | . TTL | TTL/TS | . | MM4261D |
| NAT | DIL-22/4C | PMOS | -55C/+125C | . -15V/+5V/+8V | 18MXMA | . TTL | TTL | . | MM4262D |
| NAT | DIL-24/2C | PMOS | 0C/+70C | . -12V/+5V | 55MXMA | . TTL | TTL/TS | . | MM5203D |
| NAT | DIL-24/2Q | PMOS | 0C/+70C | . -12V/+5V | 55MXMA | . TTL | TTL/TS | . | MM5203Q |
| NAT | DIL-24/2M | PMOS | 0C/+70C | . -12V/+5V | 40MXMA | . TTL | TTL/TS | . | MM5204D |
| NAT | DIL-24/2Q | PMOS | 0C/+70C | . -12V/+5V | 40MXMA | . TTL | TTL/TS | . | MM5204Q |
| NAT | DIL-16/1C | PMOS | 0C/+70C | . -12V/+12V | 300MXMW | . TTL | TTL/OC | . | MM5210J |
| NAT | DIL-16/1P | PMOS | 0C/+70C | . -12V/+12V | 300MXMW | . TTL | TTL/OC | . | MM5210N |
| NAT | DIL-16/1C | PMOS | 0C/+70C | . -12V/+12V | 150MXMW | . TTL | TTL/OC | . | MM5211J |
| NAT | DIL-16/1P | PMOS | 0C/+70C | . -12V/+12V | 150MXMW | . TTL | TTL/OC | . | MM5211N |
| NAT | DIL-24/2C | PMOS | 0C/+70C | . -12V/+12V | 170MXMW | . TTL | TTL/OD | . | MM5212AD |
| NAT | DIL-24/2P | PMOS | 0C/+70C | . -12V/+12V | 170MXMW | . TTL | TTL/OD | . | MM5212AN |
| NAT | DIL-24/2C | PMOS | -25C/+70C | . -12V/+12V | 37MXMA | . TTL | TTL/TS | . | MM5213J |
| NAT | DIL-24/2P | PMOS | -25C/+70C | . -12V/+12V | 37MXMA | . TTL | TTL/TS | . | MM5213N |
| NAT | DIL-24/2C | PMOS | -25C/+70C | . -12V/+12V | 37MXMA | . TTL | TTL/TS | . | MM5214J |
| NAT | DIL-24/2P | PMOS | -25C/+70C | . -12V/+12V | 37MXMA | . TTL | TTL/TS | . | MM5214N |
| NAT | DIL-28/2C | PMOS | 0C/+70C | . -12V/+12V | 300MXMW | . TTL | TTL/TS | . | MM5215AD |
| NAT | DIL-28/2P | PMOS | 0C/+70C | . -12V/+12V | 300MXMW | . TTL | TTL/TS | . | MM5215AN |
| NAT | DIL-24/2C | PMOS | 0C/+70C | . -12V/+12V | 300MXMW | +2/+12V | TTL/OC | . | MM5220J |
| NAT | DIL-24/2P | PMOS | 0C/+70C | . -12V/+12V | 300MXMW | +2/+12V | TTL/OC | . | MM5220N |
| NAT | DIL-24/2C | PMOS | 0C/+70C | . -12V/+12V | 60MXMW | . TTL | TTL/OC | . | MM5221J |
| NAT | DIL-24/2C | PMOS | 0C/+70C | . -12V/+12V | 60MXMW | . TTL | TTL/OC | . | MM5221N |
| NAT | DIL-28/2C | PMOS | -25C/+70C | . -12V/+12V | 32MXMA | . TTL | TTL/OD | . | MM5229D |
| NAT | DIL-24/2C | PMOS | 0C/+70C | . -12V/+12V | 480MXMW | . TTL | TTL/OC | . | MM5230J |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| MM5230N | MROM | 4-8BIT | 2K=512X4,256X8/MAX. ACCESS 725NS/7 ADDRESS 1CS 1CE LINES | GEN. PURP. |
| MM5231J | MROM | 4-8BIT | 2K=512X4,256X8/MAX. ACCESS 950NS/7 ADDRESS 1CS 1CE LINES | GEN. PURP. |
| MM5231N | MROM | 4-8BIT | 2K=512X4,256X8/MAX. ACCESS 950NS/7 ADDRESS 1CS 1CE LINES | GEN. PURP. |
| MM5232J | MROM | 4-8BIT | 4K=1024X4,512X8/MAX. ACCESS 1uS/7X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM5232N | MROM | 4-8BIT | 4K=1024X4,512X8/MAX. ACCESS 1uS/7X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM5233J | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/6X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| MM5233N | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/6X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| MM5241J | MROM | 8-BIT | 3072=64X6X8/MAX. ACCESS 900NS/6X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM5241N | MROM | 8-BIT | 3072=64X6X8/MAX. ACCESS 900NS/6X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| MM5242D | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/6X 4Y 4CS ADDRESS LINES | GEN. PURP. |
| MM5242N | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/6X 4Y 4CS ADDRESS LINES | GEN. PURP. |
| MM5246D | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| MM5246N | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| MM5261D | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y 3CS ADDRESS LINES | GEN. PURP. |
| MM5261N | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y 3CS ADDRESS LINES | GEN. PURP. |
| MM5262D | DRAM | 1-BIT | 2K=2048X1/MAX. ACCESS 365NS/5X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5262N | DRAM | 1-BIT | 2K=2048X1/MAX. ACCESS 365NS/5X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5269D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| MM5269N | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| MM5270D | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5270D-5 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 270NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5271D | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5280D | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5280D-5 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 270NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MM5281D | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MM11011D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MM11011N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MMH0026CG | DRVR | . | DUAL MOS CLOCK DRIVER/MAX. TRANSITION 40NS/20V OUTPUT SWING | GEN. PURP. |
| MMH0026CL | DRVR | . | DUAL MOS CLOCK DRIVER/MAX. TRANSITION 40NS/20V OUTPUT SWING | GEN. PURP. |
| MMH0026CP1 | DRVR | . | DUAL MOS CLOCK DRIVER/MAX. TRANSITION 40NS/20V OUTPUT SWING | GEN. PURP. |
| MMH0026CU | DRVR | . | DUAL MOS CLOCK DRIVER/MAX. TRANSITION 40NS/20V OUTPUT SWING | GEN. PURP. |
| MMH0026G | DRVR | . | DUAL MOS CLOCK DRIVER/MAX. TRANSITION 40NS/20V OUTPUT SWING | GEN. PURP. |
| MMH0026L | DRVR | . | DUAL MOS CLOCK DRIVER/MAX. TRANSITION 40NS/20V OUTPUT SWING | GEN. PURP. |
| MMH0026U | DRVR | . | DUAL MOS CLOCK DRIVER/MAX. TRANSITION 40NS/20V OUTPUT SWING | GEN. PURP. |
| MMI82S100 | FPLA | 8-BIT | BIPOLAR PROGRAMMABLE LOGIC ARRAY | 6700 |
| MMI82S101 | FPLA | 8-BIT | BIPOLAR PROGRAMMABLE LOGIC ARRAY | 6700 |
| MMI93L415 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI93L425 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5200-1 | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5201-1 | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5205-1 | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 75NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5206-1 | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 75NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5230-1 | MROM | 8-BIT | 256=32X8/MAX. ACCESS 60NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5231-1 | MROM | 8-BIT | 256=32X8/MAX. ACCESS 60NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5240-1 | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5241-1 | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5250-1 | MROM | 4-BIT | 4K=1024X4/MAX. ACCESS 75NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5251-1 | MROM | 4-BIT | 4K=1024X4/MAX. ACCESS 75NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5252-1 | MROM | 4-BIT | 4K=1024X4/MAX. ACCESS 75NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5253-1 | MROM | 4-BIT | 4K=1024X4/MAX. ACCESS 75NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5255-1 | MROM | 10-BIT | 10K=1024X10/MAX. ACCESS 150NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5256-1 | MROM | 10-BIT | 10K=1024X10/MAX. ACCESS 150NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5260-1 | MROM | 9-BIT | 9K=1024X9/MAX. ACCESS 150NS/8 ADDRESS 3CE LINES | GEN. PURP. |
| MMI5261-1 | MROM | 9-BIT | 9K=1024X9/MAX. ACCESS 150NS/8 ADDRESS 3CE LINES | GEN. PURP. |
| MMI5275-1 | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 120NS/10 ADDRESS 3CE LINES | GEN. PURP. |
| MMI5276-1 | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 120NS/10 ADDRESS 3CE LINES | GEN. PURP. |
| MMI5280-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5280-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 75NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5281-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5281-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 75NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5282-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5283-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5284-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5284-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 75NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5285-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5285-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 75NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5286-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5286-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 75NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5287-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5287-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 75NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5288-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/10 ADDRESS LINES, NO CE LINE | GEN. PURP. |
| MMI5288-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 75NS/10 ADDRESS LINES, NO CE LINE | GEN. PURP. |
| MMI5289-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 175NS/10 ADDRESS LINES, NO CE LINE | GEN. PURP. |
| MMI5289-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 75NS/10 ADDRESS LINES, NO CE LINE | GEN. PURP. |
| MMI5300-1 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/8 ADDRESS 2CE LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| NAT | DIL-24/2P | PMOS | 0C/+70C | -12V/+12V | 480MXMW | TTL | TTL/OC | . | MM5230N |
| NAT | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 150MXMW | TTL | TTL/OC | . | MM5231J |
| NAT | DIL-24/2P | PMOS | 0C/+70C | -12V/+5V | 150MXMW | TTL | TTL/OC | . | MM5231N |
| NAT | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 37MXMA | TTL | TTL/TS | S5232-2L | MM5232J |
| NAT | DIL-24/2P | PMOS | 0C/+70C | -12V/+5V | 37MXMA | TTL | TTL/TS | S5232-1W | MM5232N |
| NAT | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 30MXMA | TTL | TTL/TS | . | MM5233J |
| NAT | DIL-24/2P | PMOS | 0C/+70C | -12V/+5V | 30MXMA | TTL | TTL/TS | . | MM5233N |
| NAT | DIL-24/2C | PMOS | -25C/+70C | -12V/+5V | 37MXMA | TTL | TTL/TS | . | MM5241J |
| NAT | DIL-24/2P | PMOS | -25C/+70C | -12V/+5V | 37MXMA | TTL | TTL/TS | . | MM5241N |
| NAT | DIL-24/2C | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | MM5242D |
| NAT | DIL-24/2P | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | MM5242N |
| NAT | DIL-24/2C | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | MM5246D |
| NAT | DIL-18/1C | PMOS | 0C/+70C | -12V/+5V/+6.5V | 34MXMA | TTL | TTL/TS | . | MM5261D |
| NAT | DIL-18/1P | PMOS | 0C/+70C | -12V/+5V/+6.5V | 34MXMA | TTL | TTL/TS | . | MM5261N |
| NAT | DIL-22/4C | PMOS | 0C/+70C | -15V/+5V/+8V | 20MXMA | TTL | TTL | . | MM5262D |
| NAT | DIL-22/4P | PMOS | 0C/+70C | -15V/+5V/+8V | 20MXMA | TTL | TTL | . | MM5262N |
| NAT | DIL-22/4C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | . | MM5269D |
| NAT | DIL-22/4P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | . | MM5269N |
| NAT | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 35TPMA | TTL | TTL/TS | . | MM5270D |
| NAT | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 35TPMA | TTL | TTL/TS | MM5270D | MM5270D-5 |
| NAT | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 35TPMA | TTL | TTL/TS | . | MM5271D |
| NAT | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 35TPMA | TTL | TTL/TS | . | MM5280D |
| NAT | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 35TPMA | TTL | TTL/TS | . | MM5280D-5 |
| NAT | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 35TPMA | TTL | TTL/TS | . | MM5281D |
| NAT | DIL-16/1G | PMOS | 0C/+70C | -10V/-7V/+5V | 37MXMA | TTL | TTL/TS | C1101A1 | MM11011D |
| NAT | DIL-16/1P | PMOS | 0C/+70C | -10V/-7V/+5V | 37MXMA | TTL | TTL/TS | P1101A1 | MM11011N |
| MTA | TO-5/8M | TTLB | 0C/+70C | -15V/+5V | 40MXMA | TTL | MOS | . | MMH0026CG |
| MTA | DIL-14/1C | TTLB | 0C/+70C | -15V/+5V | 40MXMA | TTL | MOS | . | MMH0026CL |
| MTA | DIL-8/1P | TTLB | 0C/+70C | -15V/+5V | 40MXMA | TTL | MOS | . | MMH0026CP1 |
| MTA | DIL-8/1C | TTLB | 0C/+70C | -15V/+5V | 40MXMA | TTL | MOS | . | MMH0026CU |
| MTA | TO-5/8M | TTLB | -55C/+125C | -15V/+5V | 40MXMA | TTL | MOS | . | MMH0026G |
| MTA | DIL-14/1C | TTLB | -55C/+125C | -15V/+5V | 40MXMA | TTL | MOS | . | MMH0026L |
| MTA | DIL-8/1C | TTLB | -55C/+125C | -15V/+5V | 40MXMA | TTL | MOS | . | MMH0026U |
| MMI | DIL-28/2C | STLB | 0C/+70C | +5V | 600TPMW | TTL | TTL/TS | N82S100I | MMI82S100 |
| MMI | DIL-28/2 | STLB | 0C/+70C | +5V | 600TPMW | TTL | TTL/OC | N82S101 | MMI82S101 |
| MMI | DIL-16/1C | STLB | 0C/+75C | +5V | 65MXMA | TTL | TTL/OC | N82LS10F | MMI93L415 |
| MMI | DIL-16/1C | STLB | 0C/+75C | +5V | 65MXMA | TTL | TTL/TS | N82S111F | MMI93L425 |
| MMI | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | . | MMI5200-1 |
| MMI | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | . | MMI5201-1 |
| MMI | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | . | MMI5205-1 |
| MMI | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | . | MMI5206-1 |
| MMI | DIL-16/1C | STLB | -55C/+125C | +5V | 125MXMA | TTL | TTL/OC | . | MMI5230-1 |
| MMI | DIL-16/1C | STLB | -55C/+125C | +5V | 125MXMA | TTL | TTL/TS | . | MMI5231-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/OC | . | MMI5240-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | . | MMI5241-1 |
| MMI | DIL-18/1C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/OC | . | MMI5250-1 |
| MMI | DIL-18/1C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/TS | . | MMI5251-1 |
| MMI | DIL-18/1C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/OC | . | MMI5252-1 |
| MMI | DIL-18/1C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/TS | . | MMI5253-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/TS | . | MMI5255-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 165MXMA | TTL | TTL/OC | . | MMI5256-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 165MXMA | TTL | TTL/OC | . | MMI5260-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/TS | . | MMI5261-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 190MXMA | TTL | TTL/OC | . | MMI5275-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 190MXMA | TTL | TTL/TS | . | MMI5276-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/OC | . | MMI5280-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/OC | . | MMI5280-2 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 180MXMA | TTL | TTL/TS | . | MMI5281-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | . | MMI5281-2 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/OC | . | MMI5282-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 180MXMA | TTL | TTL/TS | . | MMI5283-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 180MXMA | TTL | TTL/OC | . | MMI5284-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/OC | . | MMI5284-2 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 180MXMA | TTL | TTL/TS | . | MMI5285-1 |
| MMI | DIL-24/2C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | . | MMI5285-2 |
| MMI | DIL-22/4C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/OC | . | MMI5286-1 |
| MMI | DIL-22/4C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/OC | . | MMI5286-2 |
| MMI | DIL-22/4C | STLB | -55C/+125C | +5V | 180MXMA | TTL | TTL/TS | . | MMI5287-1 |
| MMI | DIL-22/4C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | . | MMI5287-2 |
| MMI | DIL-20/1C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/OC | . | MMI5288-1 |
| MMI | DIL-20/1C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/OC | . | MMI5288-2 |
| MMI | DIL-20/1C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | . | MMI5289-1 |
| MMI | DIL-20/1C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | . | MMI5289-2 |
| MMI | DIL-16/1M | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | . | MMI5300-1 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| MMI5301-1 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5305-1 | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 75NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5306-1 | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 75NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5308-1 | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 80NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5309-1 | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 80NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5330-1 | PROM | 8-BIT | 256=32X8/MAX. ACCESS 60NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5331-1 | PROM | 8-BIT | 256=32X8/MAX. ACCESS 60NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5335-1 | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 120NS/8 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5336-1 | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 120NS/8 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5340-1 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 120NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5341-1 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 120NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5348-1 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 80NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5349-1 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 80NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5350-1 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 75NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5351-1 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 75NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5352-1 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 75NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5353-1 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 75NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5380-1 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 125NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5381-1 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 125NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI5384-1 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 125NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5385-1 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 125NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5386-1 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 120NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5387-1 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 120NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI5530 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 70NS/ 8 ADDRESS 3CE LINES | GEN. PURP. |
| MMI5531 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 70NS/ 8 ADDRESS 3CE LINES | GEN. PURP. |
| MMI5560 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 75NS/ 4 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5561 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 75NS/ 4 ADDRESS 1CE LINES | GEN. PURP. |
| MMI5701 | MPU | 4-BIT | 4-BIT SLICE MICROPROCESSOR OF 6700 FAMILY (APP. B) | 6700 |
| MMI6200-1 | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 45NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6201-1 | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 45NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6205-1 | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6206-1 | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6230-1 | MROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6231-1 | MROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6240-1 | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6241-1 | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6250-1 | MROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6251-1 | MROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6252-1 | MROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6253-1 | MROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6255-1 | MROM | 10-BIT | 10K=1024X10/MAX. ACCESS 100NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6256-1 | MROM | 10-BIT | 10K=1024X10/MAX. ACCESS 100NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6260-1 | MROM | 9-BIT | 9K=1024X9/MAX. ACCESS 100NS/8 ADDRESS 3CE LINES | GEN. PURP. |
| MMI6261-1 | MROM | 9-BIT | 9K=1024X9/MAX. ACCESS 100NS/8 ADDRESS 3CE LINES | GEN. PURP. |
| MMI6275-1 | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 110NS/10 ADDRESS 3CE LINES | GEN. PURP. |
| MMI6276-1 | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 110NS/11 ADDRESS 3CS LINES/ | GEN. PURP. |
| MMI6280-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6280-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 55NS/ 10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6281-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6281-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 55NS/ 10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6282-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6283-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6284-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6284-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 55NS/ 10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6285-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6285-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 55NS/ 10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6286-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6286-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 55NS/ 10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6287-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6287-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 55NS/ 10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6288-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS LINES, NO CE LINE | GEN. PURP. |
| MMI6288-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 55NS/ 10 ADDRESS LINES, NO CE LINE | GEN. PURP. |
| MMI6289-1 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS LINES, NO CE LINE | GEN. PURP. |
| MMI6289-2 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 55NS/ 10 ADDRESS LINES, NO CE LINE | GEN. PURP. |
| MMI6300-1 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 55NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6301-1 | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 55NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6305-1 | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6306-1 | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6308-1 | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 70NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6309-1 | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 70NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6330-1 | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6331-1 | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6335-1 | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 90NS/8 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6336-1 | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 90NS/8 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6340-1 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CE LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| MMI | DIL-16/1M | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MMI5301-1 |
| MMI | DIL-16/1M | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | MMI5305-1 |
| MMI | DIL-16/1M | STLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MMI5306-1 |
| MMI | DIL-20/1M | STLB | -55C/+125C | . . . +5V | 155MXMA | . TTL | TTL/OC | . . . | MMI5308-1 |
| MMI | DIL-20/1M | STLB | -55C/+125C | . . . +5V | 155MXMA | . TTL | TTL/TS | . . . | MMI5309-1 |
| MMI | DIL-16/1M | STLB | -55C/+125C | . . . +5V | 125MXMA | . TTL | TTL/OC | . . . | MMI5330-1 |
| MMI | DIL-16/1M | STLB | -55C/+125C | . . . +5V | 125MXMA | . TTL | TTL/TS | . . . | MMI5331-1 |
| MMI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | MMI5335-1 |
| MMI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/TS | . . . | MMI5336-1 |
| MMI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | MMI5340-1 |
| MMI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/TS | . . . | MMI5341-1 |
| MMI | DIL-20/1M | STLB | -55C/+125C | . . . +5V | 155MXMA | . TTL | TTL/OC | . . . | MMI5348-1 |
| MMI | DIL-20/1M | STLB | -55C/+125C | . . . +5V | 155MXMA | . TTL | TTL/TS | . . . | MMI5349-1 |
| MMI | DIL-18/1M | STLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/OC | . . . | MMI5350-1 |
| MMI | DIL-18/1M | STLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/TS | . . . | MMI5351-1 |
| MMI | DIL-18/1M | STLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/OC | . . . | MMI5352-1 |
| MMI | DIL-18/1M | STLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/TS | . . . | MMI5353-1 |
| MMI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/OC | . . . | MMI5380-1 |
| MMI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/TS | . . . | MMI5381-1 |
| MMI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/OC | . . . | MMI5384-1 |
| MMI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/TS | . . . | MMI5385-1 |
| MMI | DIL-22/4M | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/OC | . . . | MMI5386-1 |
| MMI | DIL-22/4M | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/TS | . . . | MMI5387-1 |
| MMI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 135MXMA | . TTL | TTL/OC | . . . | MMI5530 |
| MMI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 135MXMA | . TTL | TTL/TS | . . . | MMI5531 |
| MMI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 105MXMA | . TTL | TTL/OC | . . . | MMI5560 |
| MMI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 125MXMA | . TTL | TTL/TS | . . . | MMI5561 |
| MMI | DIL-40/2C | TTLB | -55C/+125C | . . . +5V | . . . | . TTL | TTL/TS | . . . | MMI5701 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL/OC | . . . | MMI6200-1 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL/TS | . . . | MMI6201-1 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | MMI6205-1 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MMI6206-1 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL/OC | . . . | MMI6230-1 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL/TS | . . . | MMI6231-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | MMI6240-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/TS | . . . | MMI6241-1 |
| MMI | DIL-18/1C | STLB | 0C/+70C | . . . +5V | 175MXMA | . TTL | TTL/OC | . . . | MMI6250-1 |
| MMI | DIL-18/1C | STLB | 0C/+70C | . . . +5V | 175MXMA | . TTL | TTL/TS | . . . | MMI6521-1 |
| MMI | DIL-18/1C | STLB | 0C/+70C | . . . +5V | 175MXMA | . TTL | TTL/OC | . . . | MMI6252-1 |
| MMI | DIL-18/1C | STLB | 0C/+70C | . . . +5V | 175MXMA | . TTL | TTL/TS | . . . | MMI6253-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 165MXMA | . TTL | TTL/OC | . . . | MMI6255-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 175MXMA | . TTL | TTL/TS | . . . | MMI6256-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 165MXMA | . TTL | TTL/OC | . . . | MMI6260-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 175MXMA | . TTL | TTL/TS | . . . | MMI6261-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 190MXMA | . TTL | TTL/OC | . . . | MMI6275-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 190MXMA | . TTL | TTL/TS | . . . | MMI6276-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/OC | MMI6280-2 | MMI6280-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | MMI6280-2 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 180MXMA | . TTL | TTL/TS | MMI6281-2 | MMI6281-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 180MXMA | . TTL | TTL/TS | . . . | MMI6281-2 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | MMI6282-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 180MXMA | . TTL | TTL/TS | . . . | MMI6283-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | MMI6284-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | MMI6284-2 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/TS | MMI6285-2 | MMI6285-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/TS | . . . | MMI6285-2 |
| MMI | DIL-22/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/OC | MMI6286-2 | MMI6286-1 |
| MMI | DIL-22/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | MMI6286-2 |
| MMI | DIL-22/4C | STLB | 0C/+70C | . . . +5V | 180MXMA | . TTL | TTL/TS | MMI6287-2 | MMI6287-1 |
| MMI | DIL-22/4C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/TS | . . . | MMI6287-2 |
| MMI | DIL-20/1C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/OC | MMI6288-2 | MMI6288-1 |
| MMI | DIL-20/1C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | MMI6288-2 |
| MMI | DIL-20/1C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/TS | MMI6289-2 | MMI6289-1 |
| MMI | DIL-20/1C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/TS | . . . | MMI6289-2 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | MMI6300-1 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | M54700P | MMI6301-1 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | MMI6305-1 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | . . . | MMI6306-1 |
| MMI | DIL-20/1C | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/OC | . . . | MMI6308-1 |
| MMI | DIL-20/1C | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/TS | . . . | MMI6309-1 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL/OC | M54730P | MMI6330-1 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL/TS | . . . | MMI6331-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | MMI6335-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/TS | . . . | MMI6336-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | MMI6340-1 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|-----------------|----------------|------------------|--|--------------------|
| MMI6341-1 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6348-1 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6349-1 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6350-1 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6351-1 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6352-1 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6353-1 | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6380-1 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 90NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6381-1 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 90NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| MMI6384-1 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS. 90NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6385-1 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 90NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6386-1 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 90NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6387-1 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 90NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| MMI6530 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 55NS/ 8 ADDRESS 3CE LINES | GEN. PURP. |
| MMI6531 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 55NS/ 8 ADDRESS 3CE LINES | GEN. PURP. |
| MMI6560 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/ 4 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6561 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/ 4 ADDRESS 1CE LINES | GEN. PURP. |
| MMI6701 | MPU | 4-BIT | 4-BIT SLICE MICROPROCESSOR OF 6700 FAMILY (APP. B) | 6700 |
| MMI57001 | MPU | 4-BIT | 4-BIT SLICE MICROPROCESSOR OF 6700 FAMILY (APP. B) | 6700 |
| MMI57110 | MCU | 4-BIT | 4-BIT SLICE MICROPROGRAM CONTROLLER FOR 6700 FAMILY (APP. B) | 6700 |
| MMI57401 | FIFO | 4-BIT | 256=64X4 FIRST-IN FIRST OUT SERIAL MEMORY | 6700 |
| MMI63135-1 | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 90NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| MMI63137-1 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 1CE ADDRESS | GEN. PURP. |
| MMI63139-1 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 1CE ADDRESS | GEN. PURP. |
| MMI63141-1 | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 1CE ADDRESS | GEN. PURP. |
| MMI67001 | MPU | 4-BIT | 4-BIT SLICE MICROPROCESSOR OF 6700 FAMILY (APP. B) | 6700 |
| MMI67110 | MCU | 4-BIT | 4-BIT SLICE MICROPROGRAM CONTROLLER FOR 6700 FAMILY (APP. B) | 6700 |
| MMI67401 | FIFO | 4-BIT | 256=64X4 FIRST IN FIRST OUT SERIAL MEMORY | 6700 |
| MMI93415A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 30NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMI93425A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 30NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| MMIL5530 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 120NS/8 ADDRESS 3CE LINES | GEN. PURP. |
| MMIL5531 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 120NS/8 ADDRESS 3CE LINES | GEN. PURP. |
| MMIL5560 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 120NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| MMIL5561 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 120NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| MMIL6530 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 95NS/ 8 ADDRESS 3CE LINES | GEN. PURP. |
| MMIL6531 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 95NS/ 8 ADDRESS 3CE LINES | GEN. PURP. |
| MMIL6560 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 100NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| MMIL6561 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 100NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| MN601 | CPU | 16-BIT | MICROPROCESSOR CPU FOR MICRONOVA FAMILY (APP. B) | MICRONOVA |
| MN603 | IOCTR | 16-BIT | I-O CONTROLLER (1 PER INTERFACE) | MICRONOVA |
| MN606 | DRAM | 1-BIT | 4K=4096X1/ MAX. ACCESS 160NS/12 ADDRESS 1CS LINES | MICRONOVA |
| MN629 | IP/OP | 16-BIT | CPU I-O TRANSCEIVER (1 PER CPU)/SYSTEM BUFFER ELEMENT | MICRONOVA |
| MN633 | MEMCT | 16-BIT | OCTAL MEMORY ADDRESS DRIVER (2 PER MEMORY ARRAY)/SYSTEM BUFFER | MICRONOVA |
| MN634 | MEMCT | 8-BIT | OCTAL MEMORY BUS TRANSCEIVERS(2 PER CPU)/SYSTEM BUFFER ELEMENT | MICRONOVA |
| MP8080A-I | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/MIN. CLOCK PERIOD 480NS | 8080 |
| MP8251-I | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080 |
| MP8255-I | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAM. (APP. B) | 8080-9080 |
| MPQ6842 | BUFFR | 4-BIT | MPU CLOCK BUFFER/4 ISOLATED NPN DRIVER TRANSISTORS | 6800 |
| MPS6102 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/10 ADDRESS 1CS LINES | 6500 |
| MPS6102A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/10 ADDRESS 1CS LINES | 6500 |
| MUX1600-CERAMIC | MUX | | 18-CHANNEL ANALOG MULTIPLEXER FOR 1600 FAMILY (APP. B) | 1600 |
| MUX1600-PLASTIC | MUX | | 18-CHANNEL ANALOG MULTIPLEXER FOR 1600 FAMILY (APP. B) | 1600 |
| MW4060D | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/INV./6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MW4060DV1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/INV./6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MW4060DV2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/INV./6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| MWS5001D | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 150NS/10 ADDRESS 1CS LINES | GEN. PURP. |
| MWS5001H | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 150NS/10 ADDRESS 1CS LINES | GEN. PURP. |
| MWS5040D | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 150NS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MWS5040H | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 150NS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| MWS5101DL1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5101DL2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5101DL3 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5101DL8 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5101H | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5101EL1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5101EL2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5101EL3 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5101EL8 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5114D | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 650NS/6X 4Y 1CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5114E | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 650NS/6X 4Y 1CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5114-5D | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 650NS/6X 4Y 1CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5114-5E | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 650NS/6X 4Y 1CS ADDRESS LINES/2V RETENTION | GEN. PURP. |
| MWS5501D | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 90NS/4X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| MWS5501H | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 90NS/4X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| N8T26B | TRCVR | 4-BIT | QUAD BUS DRIVER-RECEIVERS/INVERTING OUTPUTS | 2650 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|-------------|-----------------|
| MMI | DIL-24/2C | STLB | 0C/+70C | . . +5V | 170MXMA | . TTL | TTL/TS | . . | MMI6341-1 |
| MMI | DIL-20/1C | STLB | 0C/+70C | . . +5V | 155MXMA | . TTL | TTL/OC | . . | MMI6348-1 |
| MMI | DIL-20/1C | STLB | 0C/+70C | . . +5V | 155MXMA | . TTL | TTL/TS | . . | MMI6349-1 |
| MMI | DIL-18/1C | STLB | 0C/+70C | . . +5V | 175MXMA | . TTL | TTL/OC | . . | MMI6350-1 |
| MMI | DIL-18/1C | STLB | 0C/+70C | . . +5V | 175MXMA | . TTL | TTL/TS | . . | MMI6351-1 |
| MMI | DIL-18/1C | STLB | 0C/+70C | . . +5V | 175MXMA | . TTL | TTL/OC | . . | MMI6352-1 |
| MMI | DIL-18/1C | STLB | 0C/+70C | . . +5V | 175MXMA | . TTL | TTL/TS | . . | MMI6353-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL/OC | . . | MMI6380-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL/TS | . . | MMI6381-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL/OC | . . | MMI6384-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL/TS | . . | MMI6385-1 |
| MMI | DIL-22/4C | STLB | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL/OC | . . | MMI6386-1 |
| MMI | DIL-22/4C | STLB | 0C/+70C | . . +5V | 180MXMA | . TTL | TTL/TS | . . | MMI6387-1 |
| MMI | DIL-16/1C | STLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/OC | . . | MMI6530 |
| MMI | DIL-16/1C | STLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/TS | . . | MMI6531 |
| MMI | DIL-16/1C | STLB | 0C/+75C | . . +5V | 105MXMA | . TTL | TTL/OC | . . | MMI6560 |
| MMI | DIL-16/1C | STLB | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/TS | . . | MMI6561 |
| MMI | DIL-40/2C | TTLB | 0C/+70C | . . +5V | . . | . TTL | TTL/TS | . . | MMI6701 |
| MMI | DIL-40/2C | STLB | -55C/+125C | . . +5V | . . | . TTL | TTL/TS | . . | MMI57001 |
| MMI | DIL-40/2C | STLB | -55C/+125C | . . +5V | . . | . TTL | TTL/TS | . . | MMI57110 |
| MMI | DIL-16/1C | STLB | -55C/+125C | . . +5V | . . | . TTL | . TTL | . . | MMI57401 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . +5V | 170MXMA | . TTL | TTL/TS | . . | MMI63135-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . +5V | 170MXMA | . TTL | TTL/TS | . . | MMI63137-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . +5V | 170MXMA | . TTL | TTL/TS | . . | MMI63139-1 |
| MMI | DIL-24/2C | STLB | 0C/+70C | . . +5V | 170MXMA | . TTL | TTL/TS | . . | MMI63141-1 |
| MMI | DIL-40/2C | STLB | 0C/+70C | . . +5V | . . | . TTL | TTL/TS | . . | MMI67001 |
| MMI | DIL-40/2C | STLB | 0C/+70C | . . +5V | . . | . TTL | TTL/TS | . . | MMI67110 |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . +5V | . . | . TTL | . TTL | . . | MMI67401 |
| MMI | DIL-16/1C | STLB | 0C/+75C | . . +5V | 155MXMA | . TTL | TTL/OC | . . | MMI93415A |
| MMI | DIL-16/1C | STLB | 0C/+75C | . . +5V | 155MXMA | . TTL | TTL/TS | N82S111F | MMI93425A |
| MMI | DIL-16/1C | STLB | -55C/+125C | . . +5V | 100MXMA | . TTL | TTL/OC | . . | MMIL5530 |
| MMI | DIL-16/1C | STLB | -55C/+125C | . . +5V | 100MXMA | . TTL | TTL/TS | . . | MMIL5531 |
| MMI | DIL-16/1C | STLB | -55C/+125C | . . +5V | 54MXMA | . TTL | TTL/OC | . . | MMIL5560 |
| MMI | DIL-16/1C | STLB | -55C/+125C | . . +5V | 54MXMA | . TTL | TTL/TS | . . | MMIL5561 |
| MMI | DIL-16/1C | STLB | 0C/+75C | . . +5V | 85MXMA | . TTL | TTL/OC | . . | MMIL6530 |
| MMI | DIL-16/1C | STLB | 0C/+75C | . . +5V | 85MXMA | . TTL | TTL/TS | . . | MMIL6531 |
| MMI | DIL-16/1C | STLB | 0C/+75C | . . +5V | 48MXMA | . TTL | TTL/OC | . . | MMIL6560 |
| MMI | DIL-16/1C | STLB | 0C/+75C | . . +5V | 48MXMA | . TTL | TTL/TS | . . | MMIL6561 |
| DGC | DIL-40/2C | NMOS | 0C/+70C | -4/+5/+10/+14V | 680TPMW | . MOS | +8.5/+3V | . . | MN601 |
| DGC | DIL-40/2C | NMOS | 0C/+70C | -4/+5/+10/+14V | 505TPMW | . TTL | . TTL | . . | MN603 |
| DGC | DIL-20/1P | NMOS | 0C/+70C | -4.25V/+14V | 210TPMW | . TTL | . TTL | . . | MN606 |
| DGC | DIL-20/1 | TTLB | 0C/+55C | . . +5V | . . | . TTL | . TTL | . . | MN629 |
| DGC | DIL-20/1 | TTLB | 0C/+55C | . . +5V | . . | . TTL | . TTL | . . | MN633 |
| DGC | DIL-20/1 | TTLB | 0C/+55C | . . +5V | . . | . TTL | . TTL | . . | MN634 |
| SIG | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 80MXMA | . TTL | TTL/TS | C8080A | MP8080A-I |
| SIG | DIL-28/2C | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | . TTL | C8251 | MP8251-I |
| SIG | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 120MXMA | . TTL | . TTL | C8255 | MP8255-I |
| MTA | DIL-14/1P | CMOS | 0C/+70C | . . +5V | 200MXMA | . . | 0/+5V | . . | MPQ6842 |
| MSC | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | . TTL | P2102A | MPS6102 |
| MSC | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | . TTL | P2102A | MPS6102A |
| GEI | DIL-28/2C | NMOS | 0C/+70C | . . +12V | 8MXMA | . TTL | . . | . . | MUX1600-CERAMIC |
| GEI | DIL-28/2P | NMOS | 0C/+70C | . . +12V | 8MXMA | . TTL | . . | . . | MUX1600-PLASTIC |
| RCA | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | . . | . TTL | TTL/TS | TMS4060JL | MW4060D |
| RCA | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | . . | . TTL | TTL/TS | TMS4060-1JL | MW4060DV1 |
| RCA | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | . . | . TTL | TTL/TS | TMS4060JL | MW4060DV2 |
| RCA | DIL-16/1C | CMOS | -20C/+85C | +4.5V TO +6V | 20TPuA | . TTL | TTL/TS | . . | MWS5001D |
| RCA | CHP | CMOS | -20C/+85C | +4.5V TO +6V | 20TPuA | . TTL | TTL/TS | . . | MWS5001H |
| RCA | DIL-22/2C | CMOS | -20C/+85C | +4.5V TO +6V | 30TPuA | . TTL | TTL/TS | . . | MWS5040D |
| RCA | CHP | CMOS | -20C/+85C | +4.5V TO +6V | 30TPuA | . TTL | TTL/TS | . . | MWS5040H |
| RCA | DIL-22/2C | CMOS | 0C/+70C | +4V TO +6.5V | 10MXuA | . TTL | TTL/TS | . . | MWS5101DL1 |
| RCA | DIL-22/2C | CMOS | 0C/+70C | +4V TO +6.5V | 50MXuA | . TTL | TTL/TS | . . | MWS5101DL2 |
| RCA | DIL-22/2C | CMOS | 0C/+70C | +4V TO +6.5V | 200MXuA | . TTL | TTL/TS | . . | MWS5101DL3 |
| RCA | DIL-22/2C | CMOS | 0C/+70C | +4V TO +6.5V | 500MXuA | . TTL | TTL/TS | . . | MWS5101DL8 |
| RCA | CHP | CMOS | 0C/+70C | +4V TO +6.5V | 500MXuA | . TTL | TTL/TS | . . | MWS5101H |
| RCA | DIL-22/2P | CMOS | 0C/+70C | +4V TO +6.5V | 10MXuA | . TTL | TTL/TS | . . | MWS5101EL1 |
| RCA | DIL-22/2P | CMOS | 0C/+70C | +4V TO +6.5V | 50MXuA | . TTL | TTL/TS | . . | MWS5101EL2 |
| RCA | DIL-22/2P | CMOS | 0C/+70C | +4V TO +6.5V | 200MXuA | . TTL | TTL/TS | . . | MWS5101EL3 |
| RCA | DIL-22/2P | CMOS | 0C/+70C | +4V TO +6.5V | 500MXuA | . TTL | TTL/TS | . . | MWS5101EL8 |
| RCA | DIL-18/1C | CMOS | -55C/+125C | +4V TO +6V | 50MXuA | . TTL | TTL/TS | . . | MWS5114D |
| RCA | DIL-18/1P | CMOS | -40C/+85C | +4V TO +6V | 50MXuA | . TTL | TTL/TS | . . | MWS5114E |
| RCA | DIL-18/1C | CMOS | -55C/+125C | +4V TO +6V | 100MXuA | . TTL | TTL/TS | . . | MWS5114-5D |
| RCA | DIL-18/1P | CMOS | -40C/+85C | +4V TO +6V | 100MXuA | . TTL | TTL/TS | . . | MWS5114-5E |
| RCA | DIL-16/1C | CMOS | -20C/+85C | +4.5V TO +10V | 300TPuA | . TTL | TTL/TS | . . | MWS5501D |
| RCA | CHP | CMOS | -20C/+85C | +4.5V TO +10V | 300TPuA | . TTL | TTL/TS | . . | MWS5501H |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . +5V | 87MXMA | . TTL | TTL/TS | MC8T26P | N8T26B |

| DEVICE TYPE NO | FUNC TION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|-----------------|------------------|--|--------------------|
| N8T26F | TRCVR | 4-BIT | QUAD BUS DRIVER/RECEIVERS/INVERTING OUTPUTS | 2650 |
| N8T28-B | TRCVR | 4-BIT | QUAD BUS DRIVER-RECEIVERS/INVERTING OUTPUTS | 2650 |
| N8T28-F | TRCVR | 4-BIT | QUAD BUS DRIVER-RECEIVERS-NON-INVERTING OUTPUTS | 2650 |
| N8T31F | IP/OP | 8-BIT | DIRECTIONAL I-O PORT | 2650 |
| N8T31I | IP/OP | 8-BIT | DIRECTIONAL I-O PORT | 2650 |
| N8T31N | IP/OP | 8-BIT | DIRECTIONAL I-O PORT | 2650 |
| N8T32F | IFACE | 8-BIT | IV(INTERFACE VECTOR) BYTE ADDRESSABLE USER PORT, SYNCHRONOUS | 8X300 |
| N8T32NA | IFACE | 8-BIT | IV(INTERFACE VECTOR) BYTE ADDRESSABLE USER PORT, SYNCHRONOUS | 8X300 |
| N8T33F | IFACE | 8-BIT | IV(INTERFACE VECTOR) BYTE ADDRESSABLE USER PORT, SYNCHRONOUS | 8X300 |
| N8T33NA | IFACE | 8-BIT | IV(INTERFACE VECTOR) BYTE ADDRESSABLE USER PORT, SYNCHRONOUS | 8X300 |
| N8T35F | IFACE | 8-BIT | IV(INTERFACE VECTOR) BYTE ADDRESSABLE USER PORT, ASYNCHRONOUS | 8X300 |
| N8T35NA | IFACE | 8-BIT | IV(INTERFACE VECTOR) BYTE ADDRESSABLE USER PORT, ASYNCHRONOUS | 8X300 |
| N8T36F | IFACE | 8-BIT | IV(INTERFACE VECTOR) BYTE ADDRESSABLE USER PORT, ASYNCHRONOUS | 8X300 |
| N8T36NA | IFACE | 8-BIT | IV(INTERFACE VECTOR) BYTE ADDRESSABLE USER PORT, ASYNCHRONOUS | 8X300 |
| N8T39I | EXPIO | 8-BIT | BUS EXPANDER FOR 8X300 FAMILY | 8X300 |
| N8T39N | EXPIO | 8-BIT | BUS EXPANDER FOR 8X300 FAMILY | 8X300 |
| N8T39XL | EXPIO | 8-BIT | BUS EXPANDER FOR 8X300 FAMILY | 8X300 |
| N8T95B | BUFFR | 6-BIT | HEX BUFFER/ INVERTING OUTPUT | 2650 |
| N8T95F | BUFFR | 6-BIT | HEX BUFFER/ INVERTING OUTPUT | 2650 |
| N8T96B | BUFFR | 6-BIT | HEX. BUFFER/INVERTING OUTPUT | 2650 |
| N8T96F | BUFFR | 6-BIT | HEX. BUFFER/INVERTING OUTPUT | 2650 |
| N8T97B | BUFFR | 6-BIT | HEX BUFFER/ INVERTING OUTPUT | 2650 |
| N8T97F | BUFFR | 6-BIT | HEX BUFFER/ INVERTING OUTPUT | 2650 |
| N8T98B | BUFFR | 6-BIT | HEX BUFFER/ INVERTING OUTPUT | 2650 |
| N8T98F | BUFFR | 6-BIT | HEX BUFFER/ -INVERTING OUTPUT | 2650 |
| N74S89B | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| N74S89F | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| N74S89N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| N74S189B | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| N74S189F | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| N74S189N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| N74S200B | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| N74S200F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| N74S200N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| N74S201B | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| N74S201F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| N74S201N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| N74S301B | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 85NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| N74S301F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 85NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| N74S301N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 85NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| N82LS10F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/10 ADDRESS 1CE LINES | 2650 |
| N82LS10N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| N82LS11F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| N82LS11N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| N82S09I | SRAM | 9-BIT | 576=64X9/MAX. ACCESS 45NS/6 ADDRESS 1CE LINES | 2650 |
| N82S09N | SRAM | 9-BIT | 576=64X9/MAX. ACCESS 45NS/6 ADDRESS 1CE LINES | 2650 |
| N82S10F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/10 ADDRESS 1CE LINES | 2650 |
| N82S10I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/10 ADDRESS 1CE LINES | 2650 |
| N82S10N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/10 ADDRESS 1CE LINES | 2650 |
| N82S11F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/10 ADDRESS 1CE LINES | 2650 |
| N82S11I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/10 ADDRESS 1CE LINES | 2650 |
| N82S11N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/10 ADDRESS 1CE LINES | 2650 |
| N82S12F | SPECL | 4-BIT | 32=8X4/MAX. ACCESS 35NS/3+3 ADDRESS 2WE LINES/SIM. ACCESS MEMORY | GEN. PURP. |
| N82S12N | SPECL | 4-BIT | 32=8X4/MAX. ACCESS 35NS/3+3 ADDRESS 2WE LINES/SIM. ACCESS MEMORY | GEN. PURP. |
| N82S16B | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y ADDRESS 3CE LINES | GEN. PURP. |
| N82S16F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y ADDRESS 3CE LINES | GEN. PURP. |
| N82S16N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y ADDRESS 3CE LINES | GEN. PURP. |
| N82S17B | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y ADDRESS 3CE LINES | GEN. PURP. |
| N82S17F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y ADDRESS 3CE LINES | GEN. PURP. |
| N82S17N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y ADDRESS 3CE LINES | GEN. PURP. |
| N82S21B | SPECL | 2-BIT | 64=32X2/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES/WRITE-WHILE-RD. MEM | GEN. PURP. |
| N82S21F | SPECL | 2-BIT | 64=32X2/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES/WRITE-WHILE-RD. MEM | GEN. PURP. |
| N82S21N | SPECL | 2-BIT | 64=32X2/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES/WRITE-WHILE-RD. MEM | GEN. PURP. |
| N82S23B | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | 2650 |
| N82S23F | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | 2650 |
| N82S23N | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | 2650 |
| N82S25B | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| N82S25F | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| N82S25N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| N82S27F | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 40NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| N82S100I | FPLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | 2650 |
| N82S100N | FPLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | 2650 |
| N82S101I | FPLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | 2650 |
| N82S101N | FPLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | 2650 |
| N82S102I | FPGA | 9-BIT | 144=16X9/MAX. ACCESS 30NS | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 87MXMA | . TTL | TTL/TS | MC8T26L | N8T26F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 87MXMA | . TTL | TTL/TS | MC8T28P | N8T28-B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 87MXMA | . TTL | TTL/TS | MC8T28L | N8T28-F |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | . . . | . TTL | TTL | . . . | N8T31F |
| PHI | DIL-24/2M | STLB | 0C/+75C | . . . +5V | . . . | . TTL | TTL | . . . | N8T31I |
| PHI | DIL-24/2P | STLB | 0C/+75C | . . . +5V | . . . | . TTL | TTL | . . . | N8T31N |
| PHI | DIL-24/2C | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | . . . | N8T32F |
| PHI | DIL-24/2P | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | . . . | N8T32NA |
| PHI | DIL-24/2C | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/OC | . . . | N8T33F |
| PHI | DIL-24/2P | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/OC | . . . | N8T33NA |
| PHI | DIL-24/2C | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/OC | . . . | N8T35F |
| PHI | DIL-24/2P | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/OC | . . . | N8T35NA |
| PHI | DIL-24/2C | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | . . . | N8T36F |
| PHI | DIL-24/2P | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | . . . | N8T36NA |
| PHI | DIL-28/2M | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | . . . | N8T39I |
| PHI | DIL-28/2P | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | . . . | N8T39N |
| SIG | DIL-28/2P | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | . . . | N8T39XL |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 89MXMA | . TTL | TTL | XC8T95P | N8T95B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 89MXMA | . TTL | TTL | XC8T95L | N8T95F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 89MXMA | . TTL | TTL | XC8T96P | N8T96B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 89MXMA | . TTL | TTL | XC8T96L | N8T96F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 89MXMA | . TTL | TTL | XC8T97P | N8T97B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 89MXMA | . TTL | TTL | XC8T97L | N8T97F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 89MXMA | . TTL | TTL | XC8T98P | N8T98B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 89MXMA | . TTL | TTL | XC8T98L | N8T98F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 105MXMA | . TTL | TTL/OC | DM74L89AN | N74S89B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 105MXMA | . TTL | TTL/OC | DM74L89AJ | N74S89F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 105MXMA | . TTL | TTL/OC | DM74L89AN | N74S89N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 110MXMA | . TTL | TTL/TS | SN74S189N | N74S189B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 110MXMA | . TTL | TTL/TS | N74S189N | N74S189F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 110MXMA | . TTL | TTL/TS | SN74S189N | N74S189N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/TS | DM74S200N | N74S200B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/TS | DM74S200J | N74S200F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/TS | DM74S200N | N74S200N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/TS | N74S201N | N74S201B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/TS | SN74S201J | N74S201F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/TS | N74S201B | N74S201N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/OC | SN74S301N | N74S301B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/OC | SN74S301J | N74S301F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/OC | SN74S301N | N74S301N |
| PHI | DIL-16/1C | TTLB | 0C/+75C | . . . +5V | 60MXMA | . TTL | TTL/OC | N82LS10N | N82LS10F |
| PHI | DIL-16/1P | TTLB | 0C/+75C | . . . +5V | 60MXMA | . TTL | TTL/OC | N82LS10F | N82LS10N |
| PHI | DIL-16/1C | TTLB | 0C/+75C | . . . +5V | 60MXMA | . TTL | TTL/TS | N82LS11N | N82LS11F |
| PHI | DIL-16/1C | TTLB | 0C/+75C | . . . +5V | 60MXMA | . TTL | TTL/TS | N82LS11F | N82LS11N |
| PHI | DIL-28/2M | STLB | 0C/+75C | . . . +5V | 190MXMA | . TTL | TTL/OC | S82S09I | N82S09I |
| PHI | DIL-28/2P | STLB | 0C/+75C | . . . +5V | 190MXMA | . TTL | TTL/OC | N82S09I | N82S09N |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S10N | N82S10F |
| PHI | DIL-16/1M | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S10F | N82S10I |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S10F | N82S10N |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S11N | N82S11F |
| PHI | DIL-16/1M | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S11N | N82S11I |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S11F | N82S11N |
| PHI | DIL-24/2C | TTLB | 0C/+75C | . . . +5V | 160MXMA | . TTL | TTL/OC | N82S12N | N82S12F |
| PHI | DIL-24/2P | STLB | 0C/+75C | . . . +5V | 160MXMA | . TTL | TTL/OC | N82S12F | N82S12N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/TS | N82S16N | N82S16B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/TS | S82S16F | N82S16F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/TS | N82S16B | N82S16N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/OC | N82S17N | N82S17B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/OC | S82S17F | N82S17F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/OC | N82S17B | N82S17N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | N82S21B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | N82S21F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | N82S21N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/OC | N82S23N | N82S23B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/OC | N82S23N | N82S23F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/OC | . . . | N82S23N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 105MXMA | . TTL | TTL/OC | N82S25B | N82S25B |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 105MXMA | . TTL | TTL/OC | S82S25F | N82S25F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 105MXMA | . TTL | TTL/OC | N82S25B | N82S25N |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 140MXMA | . TTL | TTL/OC | . . . | N82S27F |
| PHI | DIL-28/2M | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | MC82S100LC | N82S100I |
| PHI | DIL-28/2P | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | MC82I00LC | N82S100N |
| PHI | DIL-28/2M | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | MC82I01LM | N82S101I |
| PHI | DIL-28/2P | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | MC82I01LC | N82S101N |
| PHI | DIL-28/2M | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S102N | N82S102I |

| DEVICE TYPE NO | FUNC TION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------------|-----------------------|------------------------|--|--------------------------|
| N82S102N | FPGA | 9-BIT | 144=16X9/MAX. ACCESS 30NS | GEN. PURP. |
| N82S103I | FPGA | 9-BIT | 144=16X9/MAX. ACCESS 30NS | GEN. PURP. |
| N82S103N | FPGA | 9-BIT | 144=16X9/MAX. ACCESS 30NS | GEN. PURP. |
| N82S106I | FPLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | GEN. PURP. |
| N82S106N | FPLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | GEN. PURP. |
| N82S107I | FPLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | GEN. PURP. |
| N82S107N | FPLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | GEN. PURP. |
| N82S110F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| N82S110N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| N82S111F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| N82S111N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| N82S112F | SPECL | 4-BIT | 32=8X4/MAX. ACCESS 35NS/3+3 ADDRESS 2WE LINES/SIM. ACCESS MEMORY | GEN. PURP. |
| N82S112N | SPECL | 4-BIT | 32=8X4/MAX. ACCESS 35NS/3+3 ADDRESS 2WE LINES/SIM. ACCESS MEMORY | GEN. PURP. |
| N82S114F | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | 2650 |
| N82S114I | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | 2650 |
| N82S114N | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | 2650 |
| N82S115F | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 2CE LINES | 2650 |
| N82S115I | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 2CE LINES | 2650 |
| N82S115N | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 2CE LINES | 2650 |
| N82S116B | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 40NS/8 ADDRESS 3CE LINES | GEN. PURP. |
| N82S116F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 40NS/8 ADDRESS 3CE LINES | GEN. PURP. |
| N82S116N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 40NS/8 ADDRESS 3CE LINES | GEN. PURP. |
| N82S117B | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 40NS/8 ADDRESS 3CE LINES | GEN. PURP. |
| N82S117F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 40NS/8 ADDRESS 3CE LINES | GEN. PURP. |
| N82S117N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 40NS/8 ADDRESS 3CE LINES | GEN. PURP. |
| N82S123B | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | 2650 |
| N82S123F | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | 2650 |
| N82S123N | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1CE LINES | 2650 |
| N82S126B | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CE LINES | 2650 |
| N82S126F | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CE LINES | 2650 |
| N82S126N | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CE LINES | 2650 |
| N82S129B | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CE LINES | 2650 |
| N82S129F | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CE LINES | 2650 |
| N82S129N | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CE LINES | 2650 |
| N82S130F | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/9 ADDRESS 1CE LINES | 2650 |
| N82S130N | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/9 ADDRESS 1CE LINES | 2650 |
| N82S131F | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/9 ADDRESS 1CE LINES | 2650 |
| N82S131N | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/9 ADDRESS 1CE LINES | 2650 |
| N82S136F | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| N82S137F | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 60NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| N82S140F | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| N82S140I | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| N82S140N | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| N82S141F | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| N82S141I | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| N82S141N | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| N82S146N | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 45NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| N82S147N | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 45NS/9 ADDRESS 1CE LINES | GEN. PURP. |
| N82S180I | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 70NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| N82S181I | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 70NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| N82S184F | PROM | 4-BIT | 8K=2048X4/MAX. ACCESS 100NS/11 ADDRESS 1CE LINES | GEN. PURP. |
| N82S184I | PROM | 4-BIT | 8K=2048X4/MAX. ACCESS 100NS/11 ADDRESS 1CE LINES | GEN. PURP. |
| N82S185F | PROM | 4-BIT | 8K=2048X4/MAX. ACCESS 100NS/11 ADDRESS 1CE LINES | GEN. PURP. |
| N82S185I | PROM | 4-BIT | 8K=2048X4/MAX. ACCESS 100NS/11 ADDRESS 1CE LINES | GEN. PURP. |
| N82S190F | PROM | 8-BIT | 16K=2048X8/MAX. ACCESS 80NS/11 ADDRESS 3CE LINES | GEN. PURP. |
| N82S190N | PROM | 8-BIT | 16K=2048X8/MAX. ACCESS 80NS/11 ADDRESS 3CE LINES | GEN. PURP. |
| N82S191F | PROM | 8-BIT | 16K=2048X8/MAX. ACCESS 80NS/11 ADDRESS 3CE LINES | GEN. PURP. |
| N82S191N | PROM | 8-BIT | 16K=2048X8/MAX. ACCESS 80NS/11 ADDRESS 3CE LINES | GEN. PURP. |
| N82S200I | PLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | GEN. PURP. |
| N82S200N | PLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | GEN. PURP. |
| N82S201I | PLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | GEN. PURP. |
| N82S201N | PLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | GEN. PURP. |
| N82S208F | SRAM | 8-BIT | 2K=256X8/MAX. ACCESS 60NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| N82S208N | SRAM | 8-BIT | 2K=256X8/MAX. ACCESS 60NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| N82S210F | SRAM | 9-BIT | 2304=256X9/MAX. ACCESS 60NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| N82S210N | SRAM | 9-BIT | 2304=256X9/MAX. ACCESS 60NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| N82S214B | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | 2650 |
| N82S214F | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | 2650 |
| N82S214I | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | 2650 |
| N82S214N | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | 2650 |
| N82S215F | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 2CE LINES | 2650 |
| N82S215I | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 2CE LINES | 2650 |
| N82S226B | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| N82S226F | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| N82S226N | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CE LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| PHI | DIL-28/2P | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S102I | N82S102N |
| PHI | DIL-28/2M | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | N82S103N | N82S103I |
| PHI | DIL-28/2P | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | N82S103I | N82S103N |
| PHI | DIL-28/2M | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S106N | N82S106I |
| PHI | DIL-28/2P | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S106I | N82S106N |
| PHI | DIL-28/2M | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | N82S107N | N82S107I |
| PHI | DIL-28/2P | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | N82S107I | N82S107N |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S110N | N82S110F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S110F | N82S110N |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | N82S111N | N82S111F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | N82S111F | N82S111N |
| PHI | DIL-24/2C | TTLB | 0C/+75C | . . . +5V | 160MXMA | . TTL | TTL/TS | N82S112N | N82S112F |
| PHI | DIL-24/2P | STLB | 0C/+75C | . . . +5V | 160MXMA | . TTL | TTL/TS | N82S112F | N82S112N |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 180MXMA | . TTL | TTL/TS | N82S114N | N82S114F |
| PHI | DIL-24/2M | STLB | 0C/+75C | . . . +5V | 180MXMA | . TTL | TTL/TS | N82S114F | N82S114I |
| PHI | DIL-24/2P | STLB | 0C/+75C | . . . +5V | 180MXMA | . TTL | TTL/TS | N82S114F | N82S114N |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 180MXMA | . TTL | TTL/TS | N82S115F | N82S115I |
| PHI | DIL-24/2M | STLB | 0C/+75C | . . . +5V | 180MXMA | . TTL | TTL/TS | N82S115F | N82S115N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/TS | N82S116F | N82S116B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/TS | N82S116B | N82S116F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/TS | N82S116F | N82S116N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/OC | N82S117N | N82S117B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/OC | N82S117B | N82S117F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/OC | N82S117F | N82S117N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/TS | N82S123N | N82S123B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/TS | S82S123F | N82S123I |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 115MXMA | . TTL | TTL/TS | N82S123B | N82S123N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/OC | N82S126N | N82S126B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/OC | S82S126F | N82S126F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/OC | N82S126B | N82S126N |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/TS | N82S129N | N82S129B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/TS | N82S129N | N82S129F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/TS | N82S129B | N82S129N |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 140MXMA | . TTL | TTL/OC | N82S130N | N82S130F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 140MXMA | . TTL | TTL/OC | N82S130F | N82S130N |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 140MXMA | . TTL | TTL/TS | N82S131N | N82S131F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 140MXMA | . TTL | TTL/TS | N82S131F | N82S131N |
| PHI | DIL-18/1C | STLB | 0C/+75C | . . . +5V | 140MXMA | . TTL | TTL/OC | S82S136F | N82S136I |
| PHI | DIL-18/1C | STLB | 0C/+75C | . . . +5V | 140MXMA | . TTL | TTL/TS | S82S137F | N82S137F |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/OC | N82S140I | N82S140F |
| PHI | DIL-24/2M | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/OC | N82S140F | N82S140I |
| PHI | DIL-24/2P | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/OC | S82S140F | N82S140N |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/TS | S82S141F | N82S141I |
| PHI | DIL-24/2M | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/TS | S82S141I | N82S141I |
| PHI | DIL-24/2P | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/OC | N82S141F | N82S141N |
| PHI | DIL-20/1P | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/OC | . | N82S146N |
| PHI | DIL-20/1P | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/TS | . | N82S147N |
| PHI | DIL-24/2M | STLB | 0C/+75C | . . . +5V | 150MXMA | . TTL | TTL/OC | S82S180I | N82S180I |
| PHI | DIL-24/2M | STLB | 0C/+75C | . . . +5V | 150MXMA | . TTL | TTL/TS | S82S181I | N82S181I |
| PHI | DIL-18/1C | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/OC | N82S184I | N82S184F |
| PHI | DIL-18/1M | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/OC | N82S184F | N82S184I |
| PHI | DIL-18/1C | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/TS | S82S185F | N82S185I |
| PHI | DIL-18/1M | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/TS | N82S185F | N82S185I |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/OC | N82S190N | N82S190F |
| PHI | DIL-24/2P | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/OC | N82S190F | N82S190N |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/TS | N82S191N | N82S191F |
| PHI | DIL-24/2P | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/TS | N82S191F | N82S191N |
| PHI | DIL-28/2M | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | N82S200N | N82S200I |
| PHI | DIL-28/2P | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | N82S200I | N82S200N |
| PHI | DIL-28/2M | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | S82S201I | N82S201I |
| PHI | DIL-28/2P | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S201I | N82S201N |
| PHI | DIL-22/4C | STLB | 0C/+75C | . . . +5V | 185MXMA | . TTL | TTL/TS | N82S208N | N82S208F |
| PHI | DIL-22/4P | STLB | 0C/+75C | . . . +5V | 185MXMA | . TTL | TTL/TS | N82S208F | N82S208N |
| PHI | DIL-24/2C | TTLB | 0C/+75C | . . . +5V | 185MXMA | . TTL | TTL/TS | N82S210N | N82S210F |
| PHI | DIL-24/2P | TTLB | 0C/+75C | . . . +5V | 185MXMA | . TTL | TTL/TS | N82S210N | N82S210N |
| PHI | DIL-24/2P | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/TS | N82S214N | N82S214B |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/TS | S82S214F | N82S214F |
| PHI | DIL-24/2M | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/TS | N82S214F | N82S214I |
| PHI | DIL-24/2P | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/TS | N82S214B | N82S214N |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/TS | N82S215I | N82S215F |
| PHI | DIL-24/2M | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/TS | N82S215F | N82S215I |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/OC | N82S226N | N82S226B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/OC | S82S226F | N82S226F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/OC | N82S226B | N82S226N |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| N82S229B | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| N82S229F | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| N82S229N | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| N82S230F | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/9 ADDRESS 2CE LINES | GEN. PURP. |
| N82S231F | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/9 ADDRESS 2CE LINES | GEN. PURP. |
| N82S240F | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| N82S241F | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 60NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| N82S280I | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 70NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| N82S281I | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 70NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| N82S290F | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 70NS/11 ADDRESS 3CE LINES | GEN. PURP. |
| N82S291F | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 70NS/11 ADDRESS 3CE LINES | GEN. PURP. |
| N82S400I | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/12 ADDRESS 1CE LINES | GEN. PURP. |
| N82S401I | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/12 ADDRESS 1CE LINES | GEN. PURP. |
| N82S2708F | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 70NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| N2901-1I | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/9.5MHZ CLOCK/2900 FAM. | 2900 |
| N2901-1M | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/9.5MHZ CLOCK/2900 FAM. | 2900 |
| N3001I | MCU | 2-BIT | MICROPROGRAM CONTROL UNIT FOR 3000 2-BIT-SLICE FAMILY/60NS CYCLE | 3000 |
| N3001N | MCU | 2-BIT | MICROPROGRAM CONTROL UNIT FOR 3000 2-BIT-SLICE FAMILY | 3000 |
| N3002-I | CPEBS | 2-BIT | CENTRAL PROCESSING ELEMENT OF 3000 2-BIT SLICE FAM./70NS CLOCK | 3000 |
| N3002-N | CPEBS | 2-BIT | CENTRAL PROCESSING ELEMENT OF 3000 2-BIT SLICE FAM. | 3000 |
| N3002XL | CPEBS | 2-BIT | CENTRAL PROCESSING ELEMENT OF 3000 2-BIT-SLICE FAM. | |
| N3101AB | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| N3101AF | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| N3101AN | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| N8220F | CAM | 2-BIT | 8=4X2/MAX. ACCESS 40NS | GEN. PURP. |
| N8228F | MROM | 4-BIT | 4K=1024X4/MAX. ACCESS 70NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| N8228I | MROM | 4-BIT | 4K=1024X4/MAX. ACCESS 70NS/10 ADDRESS 2CE LINES | GEN. PURP. |
| N9334B | LATCH | 8-BIT | ADDRESSABLE LATCH | 2650 |
| N9334F | LATCH | 8-BIT | ADDRESSABLE LATCH | 2650 |
| N93415AF | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| N93415AN | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| N93425AF | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| N93425AN | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P1101A | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1.5uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| P1101A1 | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1uS /4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| P1103 | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| P1103A | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 205NS/5X 5Y ADDRESS 1CE LINES/NO PRECHARGE | GEN. PURP. |
| P1103A-1 | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 145NS/5X 5Y ADDRESS 1CE LINES/NO PRECHARGE | GEN. PURP. |
| P1103A-2 | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 145NS/5X 5Y ADDRESS 1CE LINES/NO PRECHARGE | GEN. PURP. |
| P1103-1 | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 180NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| P1302 | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/MROM VERSION OF P1702A EPROM | GEN. PURP. |
| P1402A | SHFTFR | | 1K=4X256 DYNAMIC SHIFT REG./5MHZ CLOCK SPEED/QUAD-256 | GEN. PURP. |
| P2101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| P2101A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| P2101A-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| P2101A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| P2101-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| P2101-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| P2102 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| P2102A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| P2102A-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 200NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| P2102A-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| P2102A-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| P2102A-6 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| P2102AL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| P2102AL2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| P2102AL4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| P2102-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| P2102-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| P2104A | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| P2104A-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| P2104A-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| P2104A-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| P2104A-4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS 1CS LINES | GEN. PURP. |
| P2107C | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| P2107C-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| P2107C-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| P2107C-4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| P2111 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 2CE ADDRESS LINES | 9080 |
| P2111A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | 9080 |
| P2111A-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | 9080 |
| P2111A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 9080 |
| P2111-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | 9080 |
| P2111-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | 9080 |
| P2112 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 1CE ADDRESS LINES | 9080 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|--------------|----------------|
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/TS | N82S229F | N82S229B |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/TS | N82S229B | N82S229F |
| PHI | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 120MXMA | . TTL | TTL/TS | N82S229B | N82S229N |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 135MXMA | . TTL | TTL/OC | S82S230F | N82S230F |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 135MXMA | . TTL | TTL/TS | S82S231F | N82S231F |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/OC | . . . | N82S240F |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 175MXMA | . TTL | TTL/TS | . . . | N82S241F |
| PHI | DIL-24/2M | STLB | 0C/+75C | . . . +5V | 150MXMA | . TTL | TTL/OC | S82S280I | N82S280I |
| PHI | DIL-24/2M | STLB | 0C/+75C | . . . +5V | 150MXMA | . TTL | TTL/TS | S82S281I | N82S281I |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | N82S290F |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | . . . | N82S291F |
| PHI | DIL-18/1M | TTLB | 0C/+75C | . . . +5V | 155MXMA | . TTL | TTL/OC | . . . | N82S400I |
| PHI | DIL-18/1M | TTLB | 0C/+75C | . . . +5V | 155MXMA | . TTL | TTL/TS | . . . | N82S401I |
| PHI | DIL-24/2C | STLB | 0C/+75C | . . . +5V | 150MXMA | . TTL | TTL/TS | D2708 | N82S2708F |
| SIG | DIL-40/2C | LSTB | 0C/+70C | . . . +5V | 265MXMA | . TTL | TTL/TS | . . . | N2901-1I |
| SIG | DIL-40/2P | LSTB | 0C/+70C | . . . +5V | 265MXMA | . TTL | TTL/TS | . . . | N2901-1N |
| SIG | DIL-40/2C | STLB | 0C/+70C | . . . +5V | 240MXMA | . TTL | TTL /TS+OC | D3001 | N3001I |
| SIG | DIL-40/2P | STLB | 0C/+70C | . . . +5V | 240MXMA | . TTL | TTL /TS+OC | D3001 | N3001N |
| SIG | DIL-28/2C | STLB | 0C/+70C | . . . +5V | 190MXMA | . TTL | TTL/TS | D3002 | N3002-I |
| SIG | DIL-28/2P | STLB | 0C/+70C | . . . +5V | 190MXMA | . TTL | TTL/TS | D3002 | N3002-N |
| SIG | DIL-28/2C | STLB | 0C/+70C | . . . +5V | 190MXMA | . TTL | TTL/TS | D3002 | N3002XL |
| SIG | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 105MXMA | . TTL | TTL/OC | P3101A | N3101AB |
| SIG | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 105MXMA | . TTL | TTL/OC | P3101A | N3101AF |
| SIG | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 105MXMA | . TTL | TTL/OC | P3101A | N3101AN |
| PHI | DIL-16/1C | TTLB | 0C/+75C | . . . +5V | 118MXMA | . TTL | TTL/OC | . . . | N8220F |
| PHI | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TP | N8228I | N8228F |
| PHI | DIL-16/1M | STLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TP | N8228F | N8228I |
| PHI | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | . TTL | SN74LS259N | N9334B |
| PHI | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | . . . | . TTL | . TTL | SN74LS259J | N9334F |
| PHI | DIL-16/1C | TTLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S10F | N93415AF |
| PHI | DIL-16/1P | TTLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S10N | N93415AN |
| PHI | DIL-16/1C | TTLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | N82S111F | N93425AF |
| PHI | DIL-16/1P | TTLB | 0C/+75C | . . . +5V | 170MXMA | . TTL | TTL/TS | N82S111F | N93425AN |
| INL | DIL-16/1P | PMOS | 0C/+70C | . . . -9V/+5V | 35MXMA | . TTL | TTL/TS | AM1101APC | P1101A |
| INL | DIL-16/1P | PMOS | 0C/+70C | . . . -9V/+5V | 24MXMA | . TTL | TTL/TS | MM1101A1N | P1101A1 |
| INL | DIL-18/1P | PMOS | 0C/+70C | . . . +16V/+19V | 25MXMA | . MOS | SENSE AMP | P1103A | P1103 |
| INL | DIL-18/1P | PMOS | 0C/+70C | . . . +19V/+22.5V | 25MXMA | . MOS | SENSE AMP | SY1103A | P1103A |
| INL | DIL-18/1P | PMOS | 0C/+70C | . . . +19V/+22.5V | 33MXMA | . MOS | SENSE AMP | S1103A/1-1P | P1103A-1 |
| AMI | DIL-18/1P | PMOS | 0C/+70C | . . . +16V/+19.5V | 30MXMA | . MOS | SENSE AMP | S1103A/2-1P | P1103A-2 |
| INL | DIL-18/1P | PMOS | 0C/+70C | . . . +16V/+19V | 23MXMA | . MOS | SENSE AMP | S1103X-2P | P1103-1 |
| INL | DIL-24/2P | . . . | 0C/+70C | . . . -9V/+5V | . . . | . TTL | TTL/TS | C1302 | P1302 |
| INL | DIL-16/1P | PMOS | 0C/+70C | . . . -9V/+5V | 25MXMA | . TTL | MOS/TTL | 2502N | P1402A |
| INL | DIL-22/4P | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | P2101A-4 | P2101 |
| INL | DIL-22/4P | NMOS | 0C/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | MM2101A | P2101A |
| INL | DIL-22/4P | NMOS | 0C/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | C2101A-2 | P2101A-2 |
| ADM | DIL-22/4P | NMOS | 0C/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | B2101A-4 | P2101A-4 |
| INL | DIL-22/4P | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | P2101A-4 | P2101-1 |
| INL | DIL-22/4P | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | P2101A-4 | P2101-2 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | P2102A-6 | P2102 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | MM2102A | P2102A |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 65MXMA | . TTL | TTL/TS | D2102A-1 | P2102A-1 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 65MXMA | . TTL | TTL/TS | D2102A-2 | P2102A-2 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | MC2102A-4 | P2102A-4 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | MC2102A-6 | P2102A-6 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 33MXMA | . TTL | TTL/TS | SAB2102AL | P2102AL |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 65MXMA | . TTL | TTL/TS | D2102AL2 | P2102AL2 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 33MXMA | . TTL | TTL/TS | D2102AL4 | P2102AL4 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | P2102A-4 | P2102-1 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | P2102A-6 | P2102-2 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4027N-4 | P2104A |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4027N-2 | P2104A-1 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . -5V/+5V/+12V | 32MXMA | . TTL | TTL/TS | MK4027N-3 | P2104A-2 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . -5V/+5V/+12V | 30MXMA | . TTL | TTL/TS | MK4027N-3 | P2104A-3 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . -5V/+5V/+12V | 30MXMA | . TTL | TTL/TS | MK4027P-3 | P2104A-4 |
| INL | DIL-22/2P | NMOS | 0C/+70C | . . . -5V/+5V/+12V | . . . | . TTL | TTL/TS | MM5280 | P2107C |
| INL | DIL-22/2P | NMOS | 0C/+70C | . . . -5V/+5V/+12V | . . . | . TTL | TTL/TS | MM5280 | P2107C-1 |
| INL | DIL-22/2P | NMOS | 0C/+70C | . . . -5V/+5V/+12V | . . . | . TTL | TTL/TS | MM5280 | P2107C-2 |
| ADM | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | P2111A | P2111 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | SYP2111A | P2111A |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | D2111A-2 | P2111A-2 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | SAB2111A-4-P | P2111A-4 |
| ADM | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | P2111A | P2111-1 |
| ADM | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | P2111A | P2111-2 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | P2112A-4 | P2112 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| P2112A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 1CE ADDRESS LINES | 9080 |
| P2112A-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 1CE ADDRESS LINES | 9080 |
| P2112A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 1CE ADDRESS LINES | 9080 |
| P2112-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 1CE ADDRESS LINES | 9080 |
| P2114 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| P2114L | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| P2114L-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| P2114L-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| P2114-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| P2114-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| P2115 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2115A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2115AL-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2115A-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2115AL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2115L | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2115-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2125 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2125A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2125A-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2125AL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2125L | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2125-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| P2141L-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| P2141L-4 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| P2141L-5 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| P2141-2 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 120NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| P2141-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| P2141-4 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| P2141-5 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| P2142 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| P2142L | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| P2142L-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| P2142L-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| P2142-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/ X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| P2142-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| P2308 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| P2308A | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 400NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| P2316AL | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| P2332A | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/12 ADDRESS 2CS LINES/30MXMA STANDBY | GEN. PURP. |
| P2364A | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 450NS/13 ADDRESS ICE LINES | GEN. PURP. |
| P2401 | SHFTR | 1-BIT | 2048=1024X2/DYNAMIC RECIRCULATING/1MHZ/ 1-PHASE CLOCK | GEN. PURP. |
| P2405 | SHFTR | 1-BIT | 1024=1024X1/DYNAMIC RECIRCULATING/1MHZ/ 1-PHASE CLOCK | GEN. PURP. |
| P2416 | SMEM | 1-BIT | 16K=64X256/CCD SERIAL MEMORY/2 MEGABIT RATE/DRIVEN BY INTEL 5244 | GEN. PURP. |
| P2608 | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/10 ADDRESS ICS LINES | GEN. PURP. |
| P3101 | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/4 ADDRESS ICS LINES | GEN. PURP. |
| P3101A | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS ICS LINES | GEN. PURP. |
| P3205 | DECDR | 3-BIT | 1-OF-8 BINARY DECODER/MAX. DELAY 18NS | GEN. PURP. |
| P3208A | SAMP | 6-BIT | HEX BIPOLAR SENSE AMPLIFIER FOR MOS CIRCUITS | GEN. PURP. |
| P3212 | LATCH | 8-BIT | MULTIMODE LATCH BUFFER/8 D-TYPE LATCHES/MAX. WRITE CYCLE 50NS | 3000 |
| P3214 | ITRPC | 8-BIT | INTERRUPT CONTROL UNIT | 3000 |
| P3216 | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER | 3000 |
| P3226 | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER/INVERTING | 3000 |
| P3404 | LATCH | 6-BIT | HIGH SPEED 6-BIT LATCH/MAX. DELAY 12NS | GEN. PURP. |
| P3408 | SAMP | 6-BIT | HEX BIPOLAR SENSE AMP. WITH LATCH FOR MOS CIRCUITS | GEN. PURP. |
| P4001 | MROM | 8-BIT | 256X8(=512X4)/MAX. ACCESS 930NS/4-BIT I-O PORT/MUX. SERIAL CNTRL | 4004/4040 |
| P4002-1 | RAMIO | 4-BIT | 320=4X20X4 RAM + 4-BIT OUTPUT PORT/CHIP SELECTION OPTION 1 | 4004/4040 |
| P4002-2 | RAMIO | 4-BIT | 320=4X20X4 RAM + 4-BIT OUTPUT PORT/CHIP SELECTION OPTION 2 | 4004/4040 |
| P4003 | SHFTR | 10-BIT | SHIFT REGISTER, SERIAL INPUT, PARALLEL OUTPUT | 4004/4040 |
| P4004 | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4004 FAMILY (APP. B) | 4004 |
| P4008 | MEMCT | 4-BIT | MEMORY INTERFACE UNIT/ ADDRESS LATCHING UNIT | 4004/4040 |
| P4009 | IOCTR | 4-BIT | I-O CONTROL UNIT FOR 4004-4040 SYSTEM (APP. B) | 4004/4040 |
| P4040 | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4040 FAMILY (APP. B) | 4040 |
| P4201A | CLOCK | 2-BIT | CLOCK GENERATOR/XTAL CONTROLLED/FOR 4004-4040 FAMILY (APP. B) | 4004/4040 |
| P4265 | PLO | 8-BIT | PROGRAMMABLE I-O DEVICE FOR 4004-4040 FAMILY (APP. B) | 4004-4040 |
| P4269 | KBDSC | | PROGRAMMABLE KEYBOARD AND DISPLAY CONTROL UNIT | 4004/4040 |
| P4308 | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 930NS/4 4-BIT I-O PORTS/MUX. SER. CONTROL | 4004/4040 |
| P4316A | ROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| P5101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/500HA STANDBY | GEN. PURP. |
| P5101L | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/15uA STANDBY | GEN. PURP. |
| P5101L-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/15uA STANDBY | GEN. PURP. |
| P5101L-3 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/200uA STANDBY | GEN. PURP. |
| P5101-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| P5101-3 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| P5101-8 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------------|----------------|
| INL | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | D2112A | P2112A |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | D2112A-2 | P2112A-2 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | D2112A-4 | P2112A-4 |
| ADM | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 55MXMA | . TTL | TTL/TS | P2112A | P2112-2 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL/TS | SYP2114 | P2114 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 65MXMA | . TTL | TTL/TS | C2114L | P2114L |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 65MXMA | . TTL | TTL/TS | C2114L-2 | P2114L-2 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 65MXMA | . TTL | TTL/TS | P2114L-2 | P2114L-3 |
| INL | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL/TS | C2114-2 | P2114-2 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL/TS | SAB2114-3-C | P2114-3 |
| INL | DIL-16/1P | NMOS | 0C/+75C | . . +5V | 100MXMA | . TTL | TTL/OC | P2115A-2 | P2115 |
| INL | DIL-16/1P | NMOS | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/OC | 93415ADC | P2115A |
| INL | DIL-16/1P | NMOS | 0C/+75C | . . +5V | 75MXMA | . TTL | TTL/OC | 93L415ADC | P2115AL-2 |
| INL | DIL-16/1P | NMOS | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/OC | 93415ADC | P2115A-2 |
| INL | DIL-16/1P | NMOS | 0C/+75C | . . +5V | 75MXMA | . TTL | TTL/OC | 93L415ADC | P2115AL |
| INL | DIL-16/1P | NMOS | 0C/+75C | . . +5V | 65MXMA | . TTL | TTL/OC | P2115AL-2 | P2115L |
| INL | DIL-16/1P | NMOS | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/OC | P2115A-2 | P2115-2 |
| INL | DIL-16/1C | NMOS | 0C/+75C | . . +5V | 100MXMA | . TTL | TTL/TS | P2125A-2 | P2125 |
| INL | DIL-16/1P | NMOS | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/TS | 93425ADC | P2125A |
| INL | DIL-16/1P | NMOS | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/TS | 93425ADC | P2125A-2 |
| INL | DIL-16/1P | NMOS | 0C/+75C | . . +5V | 75MXMA | . TTL | TTL/TS | 93L415ADC | P2125AL |
| INL | DIL-16/1P | NMOS | 0C/+75C | . . +5V | 65MXMA | . TTL | TTL/TS | P2125AL-2 | P2125L |
| INL | DIL-16/1P | NMOS | 0C/+75C | . . +5V | 125MXMA | . TTL | TTL/TS | P2125A-2 | P2125-2 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | MCM66L41P-20 | P2141L-3 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | MCM66L41P-20 | P2141L-4 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | MCM66L41P-25 | D2141L-5 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | MCM6641P-20 | P2141-2 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | MCM6641P-20 | P2141-3 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | MCM6641P-20 | P2141-4 |
| INL | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | MCM6641P-25 | P2141-5 |
| INL | DIL-20/1P | NMOS | 0C/+70C | . . +5V | . . | . TTL | TTL/TS | TMS4047-20JL | P2142 |
| INL | DIL-20/1P | NMOS | 0C/+70C | . . +5V | . . | . TTL | TTL/TS | TMS4047-20JL | P2142L |
| INL | DIL-20/1P | NMOS | 0C/+70C | . . +5V | . . | . TTL | TTL/TS | TMS4047-20JL | P2142L-2 |
| INL | DIL-20/1P | NMOS | 0C/+70C | . . +5V | . . | . TTL | TTL/TS | TMS4047-30JL | P2142L-3 |
| INL | DIL-20/1P | NMOS | 0C/+70C | . . +5V | . . | . TTL | TTL/TS | TMS4047-20JL | P2142-2 |
| INL | DIL-20/1P | NMOS | 0C/99C | . . +5V | . . | . TTL | TTL/TS | TMS4047-30JL | P2142-3 |
| INL | DIL-24/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 840MXMW | . TTL | TTL/TS | MK30000N | P2308 |
| ELA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | P2308 | P2308A |
| INL | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 50MXMA | . TTL | TTL/TS | MK31000N-3 | P2316AL |
| INL | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 150MXMA | . TTL | TTL/TS | . . | P2332A |
| INL | DIL-28/2P | NMOS | 0C/+75C | . . +5V | . . | . TTL | TTL/TS | . . | P2364A |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL | ER2401 (PLASTIC) | P2401 |
| INL | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL | . . | P2405 |
| INL | DIL-16/1P | NMOS | -10C/+80C | -5V/+12V | 25MXMA | MOS | MOS/OD | . . | P2416 |
| INL | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 800MXMW | . TTL | TTL/TS | . . | P2608 |
| INL | DIL-16/1P | STLB | 0C/+75C | . . +5V | 105MXMA | . TTL | TTL/OC | P3101A | P3101 |
| INL | DIL-16/1P | STLB | 0C/+75C | . . +5V | 105MXMA | . TTL | TTL/OC | N3101AN | P3101A |
| INL | DIL-16/1P | TTLB | 0C/+75C | . . +5V | 70MXMA | . TTL | TTL | D3205 | P3205 |
| INL | DIL-18/1P | STLB | 0C/+70C | . . +5V | 120MXMA | MOS | TTL/OC | D3208A | P3208A |
| INL | DIL-24/2P | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/TS | D3212 | P3212 |
| INL | DIL-24/2P | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL | D3214 | P3214 |
| INL | DIL-16/1P | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/TS | D3216 | P3216 |
| INL | DIL-16/1P | TTLB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/TS | SAB3226-P | P3226 |
| SIE | DIL-16/1P | TTLB | 0C/+75C | . . +5V | 75MXMA | . TTL | TTL | SAB3404-P | P3404 |
| INL | DIL-18/1P | STLB | 0C/+70C | . . +5V | 125MXMA | MOS | TTL/TS | SAB3408-P | P3408 |
| INL | DIL-16/1P | PMOS | 0C/+70C | . -10V/+5V | 30MXMA | . TTL | TTL | SAB4001-P | P4001 |
| INL | DIL-16/1P | PMOS | 0C/+70C | . -10V/+5V | 33MXMA | . TTL | TTL | SAB4002-1-P | P4002-1 |
| INL | DIL-16/1P | PMOS | 0C/+70C | . -10V/+5V | 33MXMA | . TTL | TTL | SAB4002-2-P | P4002-2 |
| INL | DIL-16/1P | PMOS | 0C/+70C | . -10V/+5V | 8.5MXMA | . TTL | TTL | SAB4003-P | P4003 |
| INL | DIL-16/1P | PMOS | 0C/+70C | . -10V/+5V | 600MXMW | . TTL | TTL | SAB4004-P | P4004 |
| INL | DIL-24/2P | PMOS | 0C/+70C | . -10V/+5V | 750MXMW | . TTL | TTL | SAB4008-P | P4008 |
| INL | DIL-24/2P | PMOS | 0C/+70C | . -10V/+5V | 30MXMA | . TTL | TTL | SAB4009-P | P4009 |
| INL | DIL-24/2P | PMOS | 0C/+70C | . -10V/+5V | 60MXMA | . TTL | TTL | SAB4040-P | P4040 |
| INL | DIL-16/1P | CMOS | 0C/+70C | . -5V/+15V | 300MXMW | . MOS | MOS+TTL | SAB4201A-P | P2401A |
| INL | DIL-28/2P | PMOS | 0C/+70C | . -10V/+5V | 50MXMA | . TTL | TTL | SAB4265-P | P4265 |
| INL | DIL-40/2M | . . | 0C/+70C | . -10V/+5V | 65MXMA | . . | . . | SAB4269-D | P4269 |
| INL | DIL-28/2P | PMOS | 0C/+70C | . -10V/+5V | 400MXMW | . TTL | TTL | SAB4308-P | P4308 |
| INL | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 98MXMA | . TTL | TTL/TS | MCM68A316AP | P4316A |
| INL | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 30MXMA | . TTL | TTL/TS | P5101L | P5101 |
| INL | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 135MXMW | . TTL | TTL/TS | S5101L/2-1C | P5101L |
| INL | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 135MXMW | . TTL | TTL/TS | S5101L/1-1C | P5101L-1 |
| INL | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 135MXMW | . TTL | TTL/TS | S5101L/1-1C | P5101L-3 |
| INL | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 30MXMA | . TTL | TTL/TS | P5101L-1 | P5101-1 |
| INL | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 30MXMA | . TTL | TTL/TS | P5101L-3 | P5101-3 |
| INL | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 30MXMA | . TTL | TTL/TS | S5101/8-1C | P5101-8 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| P8021 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/1KX8 ROM/64X8 RAM/21 IO/TIMER/LOW COST | 8048 |
| P8022 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/1KX8 ROM/64X8 RAM/21 IO/TIMER/ADC/LOW COST | 8048 |
| P8035 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS 8048 | 8048 |
| P8035L | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS 8048 | 8048 |
| P8035-8 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/3MHZ CLOCK/64X8 RAM/ROMLESS 8048 | 8048 |
| P8039 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/ROMLESS 8049 | 8048 |
| P8039L | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/ROMLESS 8049L | 8048 |
| P8039L-6 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/ 6MHZ CLOCK/128X8 RAM/ROMLESS 8049L | 8048 |
| P8039-6 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/ 6MHZ CLOCK/128X8 RAM/ROMLESS 8049 | 8048 |
| P8041 | PIA | 8-BIT | UNIVERSAL PERIPHERAL INTERFACE FOR 8080-8048-8085-8086/INT. MROM | 8080 ETC |
| P8048 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1024X8 ROM/27 I-O LINES | 8048 |
| P8048-8 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/3MHZ CLOCK/64X8 RAM/1024X8 ROM/27 I-O LINES | 8048 |
| P8049 | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/2KX8 MROM/27 I-O LINES | 8048 |
| P8080A | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/MIN. INSTN. CYCLE 2uS | 8080 |
| P8080A-1 | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/MIN. INSTN. CYCLE 1.3uS | 8080 |
| P8080A-2 | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/MIN. INSTN. CYCLE 1.5uS | 8080 |
| P8085 | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.3uS | 8085 |
| P8085A | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.2uS | 8085 |
| P8085A-2 | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 0.8uS | 8085 |
| P8101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1.3uS/5X 3Y 2CS ADDRESS LINES/SEP. I-O | 8080 |
| P8101A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES/SEP. I-O | 8080 |
| P8101-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 850NS/5X 3Y 2CS ADDRESS LINES/SEP. I-O | 8080 |
| P8102 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1.3uS/5X 5Y ICE ADDRESS LINES | 8080 |
| P8102A-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y ICE ADDRESS LINES | 8080 |
| P8102A-6 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y ICE ADDRESS LINES | 8080 |
| P8102-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 850NS/5X 5Y ICE ADDRESS LINES | 8080 |
| P8111 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1.3uS/5X 3Y 2CE ADDRESS LINES/COMMON I-O | 8080 |
| P8111A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/COMMON I-O | 8080 |
| P8111-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 850NS/5X 3Y 2CE ADDRESS LINES/COMMON I-O | 8080 |
| P8155 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| P8155-2 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8085A/8039 |
| P8156 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE HIGH/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| P8156-2 | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE HIGH/SRAM/I-O PORTS/CLOCK | 8085A/8039 |
| P8185 | SRAM | 8-BIT | 8K=1024X8/MAX. ACCESS 300NS/6 ADDR.-DATA 2 ADDR. ICS LINES/STDBY | 8085A |
| P8185-2 | SRAM | 8-BIT | 8K=1024X8/MAX. ACCESS 200NS/6 ADDR.-DATA 2 ADDR. ICS LINES/STDBY | 8085A-2 |
| P8205 | DECDR | 3-BIT | 1 OUT OF 8 BINARY DECODER/MAX. DELAY 18NS | 8080 |
| P8212 | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| P8214 | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080 FAM. (APP. B) | 8080 |
| P8216 | DRV | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/8080 DATA BUS BUFFER DVR | 8080-9080 |
| P8224 | CLOCK | . | 2-PHASE CLOCK GEN. DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| P8226 | DRV | 4-BIT | BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER | 8080-9080 |
| P8228 | SYSC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| P8238 | SYSC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B) | 8080-9080 |
| P8243 | EXPIO | 4-BIT | INPUT-OUTPUT EXPANDER/4 I-O PORTS AS EXTENSION FROM ONE I-O PORT | 8048 |
| P8251 | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080 |
| P8251A | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080 |
| P8253 | PTM | . | PROGRAMMABLE INTERVAL TIMER/THREE 16-BIT COUNTERS/DC-2MHZ | 8080 |
| P8253-5 | PTM | . | PROGRAMMABLE INTERVAL TIMER/THREE 16-BIT COUNTERS/DC-2MHZ | 8085A |
| P8255 | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAMILY (APP. B) | 8080-9080 |
| P8255A | PIA | 8-BIT | PROG. I-O PORT | 8080 |
| P8255A-5 | PIA | 8-BIT | PROG. I-O PORT | 8080 |
| P8257 | DMAC | 8-BIT | PROGRAMMABLE DMA CONTROLLER/4-CHANNEL | 8080 |
| P8257-5 | DMAC | 8-BIT | PROGRAMMABLE DMA CONTROLLER/4-CHANNEL/FOR 8085 SYSTEM | 8085 |
| P8259 | PINTC | 8-BIT | PROGRAMMABLE INTERRUPT CONTROLLER FOR 8080 FAM. (APP. B) | 8080 |
| P8259A | PINTC | 8-BIT | PROGRAMMABLE INTERRUPT CONTROLLER FOR 8080A FAM. (APP. B) | 8080A |
| P8259A-8 | PINTC | 8-BIT | PROGRAMMABLE INTERRUPT CONTROLLER FOR 8085A | 8085A |
| P8259A-8 | PINTC | 8-BIT | PROGRAMMABLE INTERRUPT CONTROLLER FOR 8085 FAM. (APP. B) | 8085A |
| P8259-5 | PINTC | 8-BIT | PROGRAMMABLE INTERRUPT CONTROLLER FOR 8085 FAM. (APP. B) | 8085 |
| P8271 | FLPDC | 8-BIT | PROGR. FLOPPY DISK CONTROLLER/IBM 3740 SOFT SECTORED FORMAT/2MHZ | 8080 |
| P8275 | CRTC | 8-BIT | PROGRAMMABLE CRT CONTROLLER FOR 8080 FAMILY | 8080 |
| P8278 | KBDS | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE/CAPACITIVE COUPLED KEYBD | 8080 |
| P8279 | KBDS | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE | 8080 |
| P8279-5 | KBDS | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE FOR 8085 FAMILY | 8085 |
| P8282 | LATCH | 8-BIT | OCTAL LATCH DATA-REGISTER-BUFFER/NON-INVERTING | 8080 |
| P8283 | LATCH | 8-BIT | OCTAL LATCH DATA-REGISTER-BUFFER/NON-INVERTING | 8080 |
| P8284 | CLOCK | . | CLOCK GENERATOR AND DRIVER FOR 8086 CPU | 8086 |
| P8286 | TRCVR | 8-BIT | DATA BUS BUFFER DRIVER FOR 8080, 8085, 8048/NON-INV. | 8080 ETC |
| P8287 | TRCVR | 8-BIT | DATA BUS BUFFER DRIVER FOR 8080, 8085, 8048/INVERTING | 8080 ETC |
| P8288 | IFACE | 8-BIT | BUS CONTROLLER FOR 8086 CPU | 8080 |
| P8291 | SPECL | 8-BIT | GPIB TALKER-LISTENER/INTERFACE TO IEEE 488 DIGITAL INTERFACE BUS | 8080, ETC |
| P8292 | SPECL | 8-BIT | GPIB CONTROLLER/WITH 8291 IMPLEMENTS FULL IEEE 488 CONTRL FUNCTN | 8080, ETC |
| P8294 | SPECL | 8-BIT | DATA ENCRYPTION UNIT FOR 8080, 8048, 8085, 8086 FAMS. | 8080 ETC |
| P8295 | PRTRC | 8-BIT | DOT MATRIX PRINTER CONTROLLER FOR 8080, 8048, 8085 FAMS. | 8080, ETC |
| P8308A | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 400NS/6X 4Y 2CS ADDRESS LINES | 8080, ETC |
| P8316A | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 550NS/7X 4Y 3CS ADDR. LINES/PINOUT-A | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|--------------|----------------------|
| INL | DIL-28/2P | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | uPD8021C | P8021 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | | P8022 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | D8035 | P8035 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | D8035L | P8035L |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | P8035 | P8035-8 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | D8039 | P8039 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | | P8039L |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | | P8039L-6 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | P8039 | P8039-6 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 125MXMA | TTL | TTL | D8041 | P8041 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | SAB8048-C | P8048 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | SAB8048-C | P8048-8 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL | MPD8049P | P8049 |
| INL | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 1.25MXW | TTL | TTL/TS | SAB8080A-P | P8080A |
| INL | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 1.25MXW | TTL | TTL/TS | SAB8080A-1-D | P8080A-1 |
| INL | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 1.25MXW | TTL | TTL/TS | AM8080A-2DM | P8080A-2 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL | SAB8085-P | P8085 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL | D8085A | P8085A |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL | D8085A-2 | P8085A-2 |
| INL | DIL-22/4P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P8101A-4 | P8101 |
| INL | DIL-22/4P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | SAB8101A-4-B | P8101A-4 |
| INL | DIL-22/4P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P8101A-4 | P8101-2 |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | P8102A-4 | P8102 |
| INL | DIL-16/1P | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | SAB8102A-4-P | P8102A-4 |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | P8102A-4 | P8102A-6 |
| ADM | DIL-16/1P | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | P8102A-4 | P8102-2 |
| INL | DIL-18/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P8111A-4 | P8111 |
| INL | DIL-18/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | SAB8111A-4-P | P8111A-4 |
| INL | DIL-18/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P8111A-4 | P8111-2 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | SAB8155-C | P8155 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | D8155-2 | P8155-2 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | C8156 | P8156 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | C8156-2 | P8156-2 |
| INL | DIL-18/1P | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | D8185 | P8185 |
| INL | DIL-18/1P | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | C8185-2 | P8185-2 |
| INL | DIL-16/1C | STLB | 0C/+75C | +5V | 70MXMA | TTL | TTL | SAB8205-P | P8205 |
| INL | DIL-24/2P | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | D8212 | P8212 |
| INL | DIL-24/2C | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | SAB8214-P | P8214 |
| ADM | DIL-16/1P | STLB | 0C/+70C | +5V | 375MXMW | TTL | TTL/TS | SAB8216P | P8216 |
| INL | DIL-16/1P | STLB | 0C/+70C | +5V/+12V | 115MXMA | | TTL | SAB8224-P | P8224 |
| INL | DIL-16/1P | STLB | 0C/+70C | +5V | | TTL | TTL/TS | SAB8226-P | P8226 |
| INL | DIL-28/2P | TTLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | SAB8228-P | P8228 |
| INL | DIL-28/2P | TTLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | AM8238PC | P8238 |
| INL | DIL-24/2C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL | SAB8243-P | P8243 |
| INL | DIL-28/2P | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL | SAB8251-P | P8251 |
| INL | DIL-28/2P | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL | SAB8251-P | P8251A |
| INL | DIL-24/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | C8253 | P8253 |
| INL | DIL-24/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | D8253-5 | P8253-5 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | uPD8255CE | P8255 |
| INT | DIL-40/2P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | INS8255 | P8255A |
| NAT | DIL-40/2P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | D8255A-5 | P8255A-5 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | uPD8257 | P8257 |
| INL | DIL-40/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | D8257-5 | P8257-5 |
| INL | DIL-28/2P | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | uPD8259 | P8259 |
| INL | DIL-28/2P | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | D8259A | P8259A |
| INL | DIL-28/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | D8259A-8 | P8259A-8 |
| INL | DIL-28/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | D8259A-8 | P8259A-8 |
| INL | DIL-28/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | D8259-A | P8259-5 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | D8271 | P8271 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | D8275 | P8275 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | | P8278 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | SAB8279-P | P8279 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | D8279-5 | P8279-5 |
| INL | DIL-20/1P | BIP | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | D8282 | P8282 |
| INL | DIL-20/1P | BIP | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | D8283 | P8283 |
| INL | DIL-18/1P | BIP | 0C/+70C | +5V | 140MXMA | TTL | TTL | D8284 | P8284 |
| INL | DIL-20/1P | BIP | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | D8286 | P8286 |
| INL | DIL-20/1P | BIP | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | D8287 | P8287 |
| INL | DIL-20/1P | BIP | 0C/+70C | +5V | 230MXMA | TTL | TTL/TS | D8288 | P8288 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | D8291 | P8291 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | D8292 | P8292 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | D8294 | P8294 |
| INL | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | D8295 | P8295 |
| ELA | DIL-24/2P | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | E88308APC | P8308A |
| INL | DIL-24/2P | NMOS | 0C/+70C | +5V | 98MXMA | TTL | TTL/TS | SAB8316A-P | P8316A |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|-----------------|----------------|------------------|---|--------------------|
| P8316E | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDR. LINES/PINOUT-E | 8080 |
| P8355 | ROMIO | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8 ADDR.-DATA 2CE ADDR. LINES | 8048/8085 |
| P8355-2 | ROMIO | 8-BIT | 16K=2048X8/MAX. ACCESS 300NS/8 ADDR.-DATA 2CE ADDR. LINES | 8085A-2 |
| PACE BTE/8(CER) | LVLSH | 8-BIT | BIDIRECTIONAL TRANSCEIVER/MOS LEVEL TO TTL/=DP8300D | PACE |
| PACE BTE/8(PLS) | LVLSH | 8-BIT | BIDIRECTIONAL TRANSCEIVER/MOS LEVEL TO TTL/=DP8300N | PACE |
| PACE MILE | LATCH | 16-BIT | MICROPROCESSOR INTERFACE LATCH ELEMENT/=DP8301D | PACE |
| PIC1640 | MICTR | 8-BIT | SINGLE CHIP MICROCONTROLLER-1650 FAMILY (APP. B) /2 I-O BUSES | 1650 |
| PIC1645 | MICTR | 8-BIT | 1-CHIP MICROCONTROLLER/256X12 ROM VERSION OF 512X12 ROM PIC1650 | 1640 |
| PIC1650 | MICTR | 8-BIT | SINGLE CHIP MICROCONTROLLER-1650 FAMILY (APP. B) /4 I-O BUSES | 1640 |
| PIC1655 | MICTR | 8-BIT | 1-CHIP MICROCONTROLLER/20 I-O LINES VERSN. OF 32 I-O LINE PC1650 | 1640 |
| PIC1664 | MICMP | 8-BIT | ROMLESS PIC1650 1-CHIP MICROCOMPUTER WITH ROM ADDR. AND DATA EXT | PIC1650 |
| PIC1670 | MICTR | 8-BIT | 1-CHIP MICROCONTROLLER/1KX12 ROM VERSN. OF 512X12 ROM PIC1650 | 1640 |
| PPS-4CPU(12660) | CPU | 4-BIT | CPU OF 3-CHIP-MIN. SYST. (EXT. 10706 CLK, A17XX OR A23XX MEMIO | PPS-4 |
| PPS-4/1(MM75) | MICMP | 4-BIT | 1-CHIP MICROCOMP./640X8 MROM/48X4 RAM/22 I-O/ECONOMY VERSN. MM76 | PPS-4/1 |
| PPS-4/1(MM76) | MICMP | 4-BIT | 1-CHIP MICROCOMP./640X8 MROM/48X4 RAM/31 I-O/2 INTERRUPT LINES | PPS-4/1 |
| PPS-4/1(MM76C) | MICMP | 4-BIT | 1-CHIP MICROCOMP./640X8 MROM/48X4 RAM/39 I-O/HIGH SPEED COUNTER | PPS4-1 |
| PPS-4/1(MM76D) | MICMP | 4-BIT | 1-CHIP MICROCOMP./640X8 MROM/48X4 RAM/37 I-O/2 INTERRUPT /12-BT ADC | PPS-4/1 |
| PPS-4/1(MM76E) | MICMP | 4-BIT | 1-CHIP MICROCOMP./1024X8 MROM/48X4 RAM/31 I-O/EXPANDED MM76 | PPS-4/1 |
| PPS-4/1(MM77) | MICMP | 4-BIT | 1-CHIP MICROCOMP./1344X8 MROM/96X4 RAM/31 I-O/2 INTERRUPT LINES | PPS-4/1 |
| PPS-4/1(MM78) | MICMP | 4-BIT | 1-CHIP MICROCOMP./2048X8 MROM/128X4 RAM/31 I-O/2 INTERRUPT LINES | PPS-4/1 |
| PPS4/2CPU-11660 | CPU | 4-BIT | CPU OF 2-CHIP-MIN. SYST. (EXT. A17XX OR A23XX MEMIO)/INTERN. CLK | PPS-4/2 |
| PPS-8CPU(11806) | CPU | 8-BIT | CPU OF 5-CHIP-MIN. SYST. (EXT. ROM, RAM, MEM. IFCE, COMMS. IFCK) | PPS-8 |
| PPS8/2CPU-12806 | CPU | 8-BIT | CPU OF 2-CHIP-MIN. SYST. (EXT. A21XX OR A22XX MEMIO-CLK) | PPS-8/2C |
| R2114C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 6500 |
| R2114P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 6500 |
| R2316AC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 550NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| R2316AP | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 550NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| R2316BC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| R2316BP | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| R2332C | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/8X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| R2332P | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/8X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| R2332-3C | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 300NS/8X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| R6502AC | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/65K ADDR. CAPAC./2MHZ CLOCK | 6500 |
| R6502AP | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/65K ADDR. CAPAC./2MHZ CLOCK | 6500 |
| R6502C | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/65K ADDR. CAPAC./1MHZ CLOCK | 6500 |
| R6502P | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/65K ADDR. CAPAC./1MHZ CLOCK | 6500 |
| R6503AC | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./2 INTERRUPT LINES/2MHZ | 6500 |
| R6503AP | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./2 INTERRUPT LINES/2MHZ | 6500 |
| R6503C | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./2 INTERRUPT LINES/1MHZ | 6500 |
| R6503P | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./2 INTERRUPT LINES/1MHZ | 6500 |
| R6504AC | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 2MHZ | 6500 |
| R6504AP | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 2MHZ | 6500 |
| R6504C | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| R6504P | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| R6505AC | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 2MHZ | 6500 |
| R6505AP | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 2MHZ | 6500 |
| R6505C | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| R6505P | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| R6506AC | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./20 OFF/ 2MHZ CLOCK | 6500 |
| R6506AP | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./20 OFF/ 2MHZ CLOCK | 6500 |
| R6506C | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./20 OFF/ 1MHZ CLOCK | 6500 |
| R6506P | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./20 OFF/ 1MHZ CLOCK | 6500 |
| R6507AC | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./NO 20 OFF/2MHZ CLOCK | 6500 |
| R6507AP | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./NO 20 OFF/2MHZ CLOCK | 6500 |
| R6507C | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./NO 20 OFF/1MHZ CLOCK | 6500 |
| R6507P | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./NO 20 OFF/1MHZ CLOCK | 6500 |
| R6512C | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/65K ADDR. CAPAC./ 1MHZ CLOCK | 6500 |
| R6512P | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/65K ADDR. CAPAC./ 1MHZ CLOCK | 6500 |
| R6513C | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/4K ADDR. CAPAC./2 INTERRUPT LINES/1MHZ | 6500 |
| R6513P | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/4K ADDR. CAPAC./2 INTERRUPT LINES/1MHZ | 6500 |
| R6514C | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| R6514P | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| R6515C | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| R6515P | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| R6520AC | PIA | 8-BIT | PERIPHERAL ADAPTER FOR 6500 FAMILY (APP. B)/2MHZ CLOCK SPEED | 6500 |
| R6520AP | PIA | 8-BIT | PERIPHERAL ADAPTER FOR 6500 FAMILY (APP. B)/2MHZ CLOCK SPEED | 6500 |
| R6520C | PIA | 8-BIT | PERIPHERAL ADAPTER FOR 6500 FAMILY (APP. B)/1MHZ CLOCK SPEED | 6500 |
| R6520P | PIA | 8-BIT | PERIPHERAL ADAPTER FOR 6500 FAMILY (APP. B)/1MHZ CLOCK SPEED | 6500 |
| R6522AC | PIA | 8-BIT | VERSATILE INTERFACE ADAPTER FOR 6500 FAM./EXPANDED 6520/2MHZ CLK | 6500 |
| R6522AP | PIA | 8-BIT | VERSATILE INTERFACE ADAPTER FOR 6500 FAM./EXPANDED 6520/2MHZ CLK | 6500 |
| R6522C | PIA | 8-BIT | VERSATILE INTERFACE ADAPTER FOR 6500 FAM./EXPANDED 6520/1MHZ CLK | 6500 |
| R6522P | PIA | 8-BIT | VERSATILE INTERFACE ADAPTER FOR 6500 FAM./EXPANDED 6520/1MHZ CLK | 6500 |
| R6530C | MEMIO | 8-BIT | MEMORY, I-O, TIMER ARRAY/INC. 1KX8 ROM, 64X8 SRAM/FOR 6500 FAM. | 6500 |
| R6530P | MEMIO | 8-BIT | MEMORY, I-O, TIMER ARRAY/INC. 1KX8 ROM, 64X8 SRAM/FOR 6500 FAM. | 6500 |
| R6532C | MEMIO | 8-BIT | MEMORY, I-O, TIMER ARRAY/INC. 128X8 SRAM/FOR 6500 FAM. (APP. B) | 6500 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|-------------------|
| ADM INL | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 499MXMW | . TTL | TTL/TS | EA2316EPC | C8316E |
| INL | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 180MXMA | . TTL | . TTL | SAB8355-P | P8355 |
| NAT | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 180MXMA | . TTL | . TTL | | P8355-2 |
| NAT | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | | PAGE BTE/8(CCCER) |
| NAT | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | | PAGE BTE/8(PLS) |
| GEI | DIL-28/2C | CMOS | -40C/+85C | . . . +5V | 5MXMA | . TTL | TTL/TS | | PAGE MILE |
| GEI | DIL-40/2C | NMOS | 0C/+50C | . . . +5V | 75MXMA | . TTL | . TTL | | PIC1640 |
| GEI | DIL-18/1- | NMOS | 0C/+50C | . . . +5V | | . TTL | . TTL | | PIC1645 |
| GEI | DIL-40/2C | NMOS | 0C/+50C | . . . +5V | 75MXMA | . TTL | . TTL | | PIC1650 |
| GEI | DIL-28/2- | NMOS | 0C/+50C | . . . +5V | | . TTL | . TTL | | PIC1655 |
| GEI | DIL-64/2- | NMOS | 0C/+50C | . . . +5V | | . TTL | . TTL | | PIC1664 |
| GEI | DIL-40/2- | NMOS | 0C/+50C | . . . +5V | | . TTL | . TTL | | PIC1670 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | . . . -15V | | . PMOS | . PMOS | | PPS-4CPU(12660) |
| ROK | DIL-28/2 | PMOS | 0C/+70C | . . . -15V | 70TPMW | . PMOS | . PMOS | | PPS-4/1(MM75) |
| ROK | QIL-42/1 | PMOS | 0C/+70C | . . . -15V | 70TPMW | . PMOS | . PMOS | | PPS-4/1(MM76) |
| ROK | QIL-52/1 | PMOS | 0C/+70C | . . . -15V | 70TPMW | . PMOS | . PMOS | | PPS-4/1(MM76D) |
| ROK | DIL-42/2 | PMOS | 0C/+70C | . . . -15V | 70TPMW | . PMOS | . PMOS | | PPS-4/1(MM76E) |
| ROK | QIL-42/1 | PMOS | 0C/+70C | . . . -15V | 70MXMW | . PMOS | . PMOS | | PPS-4/1(MM77) |
| ROK | QIL-42/1 | PMOS | 0C/+70C | . . . -15V | 70MXMW | . PMOS | . PMOS | | PPS-4/1(MM78) |
| ROK | QIL-42/1 | PMOS | 0C/+70C | . . . -15V | | . PMOS | . PMOS | | PPS4/2CPU-11660 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | . . . -12V/+5V | | . . . | . . . | | PPS-8CPU(11806) |
| ROK | QIL-42/1 | PMOS | 0C/+70C | . . . -12V/+5V | | . . . | . . . | | PPS8/2CPU-12806 |
| ROK | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | . TTL | D2114 | R2114C |
| ROK | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | . TTL | P2114 | R2114P |
| ROK | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 160MXMA | . TTL | TTL/TS | D2316A | R2316AC |
| ROK | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 160MXMA | . TTL | TTL/TS | D2316A | R2316AP |
| ROK | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 160MXMA | . TTL | TTL/TS | SVC2316B | R2316BC |
| ROK | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 160MXMA | . TTL | TTL/TS | SYP2316B | R2316BP |
| ROK | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 400TPMW | . TTL | TTL/TS | | R2332C |
| ROK | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 400TPMW | . TTL | TTL/TS | | R2332P |
| ROK | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 400TPMW | . TTL | TTL/TS | | R2332-3C |
| ROK | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6502A | R6502AC |
| ROK | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6502A | R6502AP |
| ROK | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6502 | R6502C |
| ROK | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6502 | R6502P |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6503A | R6503AC |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6503A | R6503AP |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6503 | R6503C |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6503 | R6503P |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6504A | R6504AC |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6504A | R6504AP |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6504 | R6504C |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6504 | R6504P |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6505A | R6505AC |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6505A | R6505AP |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6505 | R6505C |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6505 | R6505P |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6506A | R6506AC |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6506A | R6506AP |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6506 | R6506C |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6506 | R6506P |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | | R6507AC |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | | R6507AP |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | | R6507C |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | | R6507P |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6512 | R6512C |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6512 | R6512P |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6513 | R6513C |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6513 | R6513P |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6514 | R6514C |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6514 | R6514P |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6515 | R6515C |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MC6515 | R6515P |
| ROK | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 500MXMW | . TTL | TTL/TS | | R6520AC |
| ROK | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 500MXMW | . TTL | TTL/TS | | R6520AP |
| ROK | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 500MXMA | . TTL | TTL/TS | MCS6520 | R6520C |
| ROK | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 500MXMW | . TTL | TTL/TS | MCS6520 | R6520P |
| ROK | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 1MXW | . TTL | TTL/TS | | R6522AC |
| ROK | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 1MXW | . TTL | TTL/TS | | R6522AP |
| ROK | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 1MXW | . TTL | TTL/TS | MCS6522 | R6522C |
| ROK | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 1MXW | . TTL | TTL/TS | MCS6522 | R6522P |
| ROK | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 1MXW | . TTL | TTL/TS | MCS6530 | R6530C |
| ROK | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 1MXW | . TTL | TTL/TS | MCS6530 | R6530P |
| ROK | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 1MXW | . TTL | TTL/TS | MCS6532 | R6532C |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| R6532P | MEMIO | 8-BIT | MEMORY, I-O, TIMER ARRAY/INC. 128X8 SRAM/FOR 6500 FAM. (APP. B) | 6500 |
| R6541AC | KBOSC | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY CONTROLLER/2MHZ | GEN. PURP. |
| R6541AP | KBOSC | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY CONTROLLER/2MHZ | GEN. PURP. |
| R6541C | KBOSC | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY CONTROLLER/1MHZ | GEN. PURP. |
| R6541P | KBOSC | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY CONTROLLER 1MHZ | GEN. PURP. |
| R6545AC | CRTC | 8-BIT | CRT RASTER SCAN VIDEO DISPLAY CONTROLLER/2MHZ | 6500 |
| R6545AP | CRTC | 8-BIT | CRT RASTER SCAN VIDEO DISPLAY CONTROLLER/2MHZ | 6500 |
| R6545C | CRTC | 8-BIT | CRT RASTER SCAN VIDEO DISPLAY CONTROLLER/1MHZ | 6500 |
| R6545P | CRTC | 8-BIT | CRT RASTER SCAN VIDEO DISPLAY CONTROLLER/1MHZ | 6500 |
| R6551AC | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATION INTERFACE ADAPTER/2MHZ | 6500 |
| R6551ACE | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATION INTERFACE ADAPTER/2MHZ | 6500 |
| R6551AP | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATION INTERFACE ADAPTER/2MHZ | 6500 |
| R6551APE | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATION INTERFACE ADAPTER/2MHZ | 6500 |
| R6551C | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATION INTERFACE ADAPTER/1MHZ | 6500 |
| R6551CE | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATION INTERFACE ADAPTER/1MHZ | 6500 |
| R6551P | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATION INTERFACE ADAPTER/1MHZ | 6500 |
| R6551PE | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATION INTERFACE ADAPTER/1MHZ | 6500 |
| R29600DC | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 50NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| R29600DM | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 50NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| R29600FM | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 50NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| R29601DC | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 50NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| R29601DM | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 50NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| R29601FM | PROM | 8-BIT | 2K=256X8/TYP. ACCESS 50NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| R29660DC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| R29660DM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| R29660FM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| R29661DC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| R29661DM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| R29661FM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 80NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| R29690DC | FPLA | . | 16 I-P, 8 O-P, 48 PROD. TERMS FIELD PROG. LOGIC ARRAY | GEN. PURP. |
| R29690DM | FPLA | . | 16 I-P, 8 O-P, 48 PROD. TERMS FIELD PROG. LOGIC ARRAY | GEN. PURP. |
| R29691DC | FPLA | . | 16 I-P, 8 O-P, 48 PROD. TERMS FIELD PROG. LOGIC ARRAY | GEN. PURP. |
| R29691DM | FPLA | . | 16 I-P, 8 O-P, 48 PROD. TERMS FIELD PROG. LOGIC ARRAY | GEN. PURP. |
| RA-3-4200 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 215NS/6X 6Y ICS ADDRESS LINES | GEN. PURP. |
| RA-3-4256 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS/5X 4Y 2CS ADDRESS LINES/POWER DOWN | GEN. PURP. |
| RA-3-4256A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 65NS/5X 4Y 2CS ADDRESS LINES/POWER DOWN | GEN. PURP. |
| RA-3-4256B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 65NS/5X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| RA-3-4402 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y ICS ADDRESS LINES | GEN. PURP. |
| RC7000 | PRTRC | 4/8BIT | LRC PRINTER CONTROLLER | PPS4-8 |
| RC7040 | PRTRC | 4/8BIT | LRC PRINTER CONTROLLER | PPS4-8 |
| RO-3-2560 | MROM | 5-BIT | 2.5K=512X5/MAX. ACCESS 450NS/9 ADDRESS LINES | GEN. PURP. |
| RO-3-4096 | MROM | 8-BIT | 2K=512X8/MAX. ACCESS 500NS/9 ADDRESS LINES | GEN. PURP. |
| RO-3-5120 | MROM | 10-BIT | 5K=512X10/MAX. ACCESS 500NS/9 ADDRESS LINES | GEN. PURP. |
| RO-3-8316A | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/11 ADDRESS 3CS LINES/D8316 PINOUTS | GEN. PURP. |
| RO-3-8316B | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 3CS LINES/D8316 PINOUTS | GEN. PURP. |
| RO-3-8316C | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES/D8316 PINOUTS | GEN. PURP. |
| RO-3-9316A | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/11 ADDRESS 3CS LINES/D2708 PINOUTS | GEN. PURP. |
| RO-3-9316B | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 3CS LINES/D2708 PINOUTS | GEN. PURP. |
| RO-3-9316C | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES/D2708 PINOUTS | GEN. PURP. |
| RO-3-9332A | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 850NS/12 ADDRESS 2CS LINES | GEN. PURP. |
| RO-3-9332B | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/12 ADDRESS 2CS LINES | GEN. PURP. |
| RO-3-9332C | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 350NS/12 ADDRESS 2CS LINES | GEN. PURP. |
| RO-3-9364B | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 450NS | GEN. PURP. |
| RO-3-9500 | MROM | 10-BIT | 20K=2048X10/ON-CHIP ADDR. LATCHES,BUS CONTR. LOGIC,5-BIT CHP SEL | GEN. PURP. |
| RO-3-9501 | MROM | 10-BIT | EQVT TO RO-3-9501 WITH ADDED OUTPUT LATCH TO CONTROL 1K EXT. RAM | GEN. PURP. |
| RO-3-9502 | MROM | 10-BIT | EQVT TO RO-3-9501 WITH ADDED O-P LATCH TO CONTROL 64K EXT. RAM | GEN. PURP. |
| RO-3-16384 | MROM | 4-BIT | 16K=4096X4/MAX. ACCESS 1uS/12 ADDRESS 3CS LINES | GEN. PURP. |
| RO-3-20480 | MROM | 10-BIT | 20K=2048X10/MAX. ACCESS 500NS/11 ADDRESS LINES | GEN. PURP. |
| RO-5-1302 | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.5uS/5X 3Y ADDRESS LINES | GEN. PURP. |
| RO-5-8192 | MROM | 4-BIT | 8K=2048X4/MAX. ACCESS 1.6uS/DYNAMIC/6X 5Y ADDRESS 4CS LINES | GEN. PURP. |
| RO-6-1024/4 | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/6X 2Y ADDRESS LINES | GEN. PURP. |
| RO-6-1024/8 | MROM | 8-BIT | 1K=128X8/MAX. ACCESS 1uS/5X 2Y ADDRESS LINES | GEN. PURP. |
| RO-6-2048/4 | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 1.5uS/6X 3Y ADDRESS LINES | GEN. PURP. |
| RO-6-2048/8 | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.5uS/5X 3Y ADDRESS LINES | GEN. PURP. |
| RO-7-1024/4 | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/6X 2Y ADDRESS LINES | GEN. PURP. |
| RO-7-1024/8 | MROM | 8-BIT | 1K=128X8/MAX. ACCESS 1uS/5X 2Y ADDRESS LINES | GEN. PURP. |
| RO-7-2048/4 | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 1.5uS/6X 3Y ADDRESS LINES | GEN. PURP. |
| RO-7-2048/8 | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.5uS/5X 3Y ADDRESS LINES | GEN. PURP. |
| S54S89F | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| S54S189F | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| S54S200F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 70NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| S54S200W | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 70NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| S54S201F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 85NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| S54S201W | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 85NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| S54S301F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 85NS/8 ADDRESS 3CS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|----------------------|------------------|--------------------|---------------------|------------|----------------|
| ROK | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | TTL/TS | MCS6532 | R6532P |
| ROK | DIL-40/2C | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | . | R6541AC |
| ROK | DIL-40/2P | NMOS | 0C/+70 | . . +5V | . | . TTL | . TTL | . | R6541AP |
| ROK | DIL-40/2C | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | . | R6541C |
| ROK | DIL-40/2P | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | . | R6541P |
| ROK | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 700MXMW | . TTL | . TTL | MC6845L | R6545AC |
| ROK | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 700MXMW | . TTL | . TTL | MC6845P | R6545AP |
| ROK | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 700MXMW | . TTL | . TTL | MC6845L | R6545C |
| ROK | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 700MXMW | . TTL | . TTL | MC6845P | R6545P |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | . | R6551AC |
| ROK | DIL-28/2C | NMOS | -40C/+85C | . . +5V | . | . TTL | . TTL | . | R6551ACE |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | . | R6551AP |
| ROK | DIL-28/2P | NMOS | -40C/+85C | . . +5V | . | . TTL | . TTL | . | R6551APE |
| ROK | DIL-28/2C | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | . | R6551C |
| ROK | DIL-28/2C | NMOS | -40C/+85C | . . +5V | . | . TTL | . TTL | . | R6551CE |
| ROK | DIL-28/2P | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | . | R6551P |
| ROK | DIL-28/2P | NMOS | -40C/+85C | . . +5V | . | . TTL | . TTL | . | R6551PE |
| RAY | DIL-20/1C | LSTB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/OC | . | R29600DC |
| RAY | DIL-20/1C | LSTB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/OC | . | R29600DM |
| RAY | FLP-20/3C | LSTB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/OC | . | R29600FM |
| RAY | DIL-20/1C | LSTB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/TS | . | R29601DC |
| RAY | DIL-20/1C | LSTB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | . | R29601DM |
| RAY | FLP-20/3C | LSTB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | . | R29601FM |
| RAY | DIL-16/1C | LSTB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/OC | . | R29660DC |
| RAY | DIL-16/1C | LSTB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/OC | . | R29660DM |
| RAY | FLP-16/3C | LSTB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/OC | . | R29660DC |
| RAY | DIL-16/1C | LSTB | 0C/+75C | . . +5V | 130MXMA | . TTL | TTL/TS | . | R29661DC |
| RAY | DIL-16/1C | LSTB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | . | R29661DM |
| RAY | FLP-16/3C | LSTB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | . | R29661FM |
| RAY | DIL-28/2C | LSTB | 0C/+75C | . . +5V | 120TPMA | . TTL | TTL/OC | . | R29690DC |
| RAY | DIL-28/2C | LSTB | -55C/+125C | . . +5V | 120TPMA | . TTL | TTL/OC | . | R29690DM |
| RAY | DIL-28/2C | LSTB | -55C/+125C | . . +5V | 120TPMA | . TTL | TTL/TS | . | R29691DC |
| GEI | DIL-22/4- | NMOS | 0C/+70C | -5V/+5V/+12V | 450TPMW | . TTL | . TTL | . | RA-3-4200 |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | . | RA-3-4256 |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | . | RA-3-4256A |
| GEI | DIL-22/4- | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | . | RA-3-4402 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | . . -15V | 400TPMW | . . PMOS | . PMOS | . | RC7000 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | . . -15V | . | . . PMOS | . PMOS | . | RC7040 |
| GEI | DIL-18/1- | NMOS | 0C/+70C | . . +5V | 175MXMW | . TTL | TTL-TS | . | RO-3-2560 |
| GEI | DIL-22/4- | NMOS | 0C/+70C | . . +5V | 150TPMW | . TTL | TTL/TS | . | RO-3-4096 |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | 150TPMW | . TTL | TTL/TS | EA4000 | RO-3-5120 |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | 85MXMA | . TTL | TTL/TS | D8316A | RO-3-8316A |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/TS | S6831A | RO-3-8316B |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/TS | . | RO-3-8316C |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | 85MXMA | . TTL | TTL/TS | D8316A | RO-3-9316A |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/TS | S6831B | RO-3-9316B |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | 95MXMA | . TTL | TTL/TS | SY2316B | RO-3-9316A |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | TMS4732 | RO-3-9332A |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | SY2332 | RO-3-9332B |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | 2633 | RO-3-9332C |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | MK36000 | RO-3-9364B |
| GEI | DIL-28/2- | NMOS | 0C/+70C | . . +5V | . | . | . | . | RO-3-9500 |
| GEI | DIL-40/2- | NMOS | 0C/+70C | . . +5V | . | . | . | . | RO-3-9501 |
| GEI | DIL-40/2- | NMOS | 0C/+70C | . . +5V | . | . | . | . | RO-3-9502 |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | 250TPMW | . TTL | TTL/TS | . | RO-3-16384 |
| GEI | DIL-24/2- | NMOS | 0C/+70C | . . +5V | 250TPMW | . TTL | TTL/TS | . | RO-3-20480 |
| GEI | DIL-24/2- | PMOS | 0C/+70C | . . -12V/+5V | . | . TTL | TTL/TS | . | RO-5-1302 |
| GEI | DIL-24/2- | PMOS | 0C/+70C | . . -12V/+5V | 400MXMW | . TTL | . TTL | S8865 | RO-5-8192 |
| GEI | DIL-16/1C | PMOS | -55C/+125C | . . -12V/+5V | . | . TTL | TTL/TS | . | RO-6-1024/4 |
| GEI | DIL-24/2C | PMOS | -55C/+125C | . . -12V/+5V | . | . TTL | TTL/TS | . | RO-6-1024/8 |
| GEI | DIL-24/2C | PMOS | -55C/+125C | . . -12V/+5V | . | . TTL | TTL/TS | . | RO-6-2048/4 |
| GEI | DIL-24/2C | PMOS | -55C/+125C | . . -12V/+5V | . | . TTL | TTL/TS | . | RO-6-2048/8 |
| GEI | DIL-16/1P | PMOS | 0C/+70C | . . -12V/+5V | . | . TTL | TTL/TS | . | RO-7-1024/4 |
| GEI | DIL-24/2P | PMOS | 0C/+70C | . . -12V/+5V | . | . TTL | TTL/TS | . | RO-7-1024/8 |
| GEI | DIL-24/2P | PMOS | 0C/+70C | . . -12V/+5V | . | . TTL | TTL/TS | . | RO-7-2048/4 |
| GEI | DIL-24/2P | PMOS | 0C/+70C | . . -12V/+5V | . | . TTL | TTL/TS | . | RO-7-2048/8 |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . +5V | 105MXMA | . TTL | TTL/OC | . | S54589F |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . +5V | 110MXMA | . TTL | TTL/TS | SN74S189J | S54S189F |
| PHI | DIL-16/1P | STLB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | DM54S200W | S54S200F |
| PHI | FLP-16/3C | STLB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | DM54S200W | S54S200W |
| PHI | DIL-16/1P | STLB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | SN54S201J | S54S201F |
| PHI | FLP-16/3C | STLB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | SN54S201W | S54S201W |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . +5V | 140MXMA | . TTL | TTL/OC | SN54S301J | S54S301F |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| S54S301W | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 85NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| S68A00C | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./1.5MHZ CLOCK | 6800 |
| S68A00P | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./1.5MHZ CLOCK | 6800 |
| S68A10C | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 36NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 6800 | 68A00 |
| S68A10P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 36NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 6800 | 68A00 |
| S68A21C | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 68A00 |
| S68A21P | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 68A00 |
| S68A50C | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/6800 FAM. | 68A00 |
| S68A50P | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/6800 FAM. | 68A00 |
| S68B00C | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./2MHZ CLOCK | 6800 |
| S68B00P | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM./2MHZ CLOCK | 6800 |
| S68B10C | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 25NS/7 ADDRESS 6CS LINES/FOR 2MHZ 68800 | 68B00 |
| S68B10P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 25NS/7 ADDRESS 6CS LINES/FOR 2MHZ 68800 | 68B00 |
| S68B21C | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 68B00 |
| S68B21P | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 68B00 |
| S68B50C | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/6800 FAM. | 68B00 |
| S68B50P | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/6800 FAM. | 68B00 |
| S82S09I | SRAM | 9-BIT | 576=64X9/MAX. ACCESS 50NS/6 ADDRESS 1CE LINES | 2650 |
| S82S10F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/10 ADDRESS 1CE LINES | 2650 |
| S82S10I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/10 ADDRESS 1CE LINES | 2650 |
| S82S11F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/10 ADDRESS 1CE LINES | 2650 |
| S82S11I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/10 ADDRESS 1CE LINES | 2650 |
| S82S16F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y ADDRESS 3CE LINES | GEN. PURP. |
| S82S17F | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y ADDRESS 3CE LINES | GEN. PURP. |
| S82S23F | PROM | 8-BIT | 256=32X8/MAX. ACCESS 65NS/5 ADDRESS 1CE LINES | 2650 |
| S82S25F | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| S82S100I | FPLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 60NS | 2650 |
| S82S101I | FPLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | 2650 |
| S82S102I | FPGA | 9-BIT | 144=16X9/MAX. ACCESS 30NS | GEN. PURP. |
| S82S103I | FPGA | 9-BIT | 144=16X9/MAX. ACCESS 30NS | GEN. PURP. |
| S82S106I | FPLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | GEN. PURP. |
| S82S107I | FPLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | GEN. PURP. |
| S82S114F | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 75NS/8 ADDRESS 2CE LINES | 2650 |
| S82S114I | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 75NS/8 ADDRESS 2CE LINES | 2650 |
| S82S115F | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 75NS/9 ADDRESS 2CE LINES | 2650 |
| S82S115I | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 75NS/9 ADDRESS 2CE LINES | 2650 |
| S82S123F | PROM | 8-BIT | 256=32X8/MAX. ACCESS 65NS/5 ADDRESS 1CE LINES | 2650 |
| S82S126F | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/8 ADDRESS 2CE LINES | 2650 |
| S82S129F | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 70NS/8 ADDRESS 2CE LINES | 2650 |
| S82S130F | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/9 ADDRESS 1CE LINES | 2650 |
| S82S131F | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/9 ADDRESS 1CE LINES | 2650 |
| S82S136F | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 75NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| S82S137F | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 75NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| S82S140F | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 75NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| S82S140I | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 75NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| S82S141F | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 75NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| S82S141I | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 75NS/9 ADDRESS 4CE LINES | GEN. PURP. |
| S82S180I | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| S82S181I | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 100NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| S82S184F | PROM | 4-BIT | 8K=1024X4/MAX. ACCESS 175NS/11 ADDRESS 1CE LINES | GEN. PURP. |
| S82S184I | PROM | 4-BIT | 8K=1024X4/MAX. ACCESS 175NS/11 ADDRESS 1CE LINES | GEN. PURP. |
| S82S185F | PROM | 4-BIT | 8K=2048X4/MAX. ACCESS 175NS/11 ADDRESS 1CE LINES | GEN. PURP. |
| S82S185I | PROM | 4-BIT | 8K=2048X4/MAX. ACCESS 175NS/11 ADDRESS 1CE LINES | GEN. PURP. |
| S82S200I | PLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | GEN. PURP. |
| S82S201I | PLA | 8-BIT | 6144=16X48X8/MAX. ACCESS 50NS | GEN. PURP. |
| S82S214F | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 90NS/8 ADDRESS 2CE LINES | 2650 |
| S82S214I | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 90NS/8 ADDRESS 2CE LINES | 2650 |
| S82S215F | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 2CE LINES | 2650 |
| S82S215I | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 2CE LINES | 2650 |
| S82S226F | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| S82S229F | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/8 ADDRESS 2CE LINES | GEN. PURP. |
| S82S230F | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/9 ADDRESS 2CE LINES | GEN. PURP. |
| S82S231F | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/9 ADDRESS 2CE LINES | GEN. PURP. |
| S82S280I | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 80NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| S82S281I | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 80NS/10 ADDRESS 4CE LINES | GEN. PURP. |
| S82S2708F | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 70NS/10 ADDRESS 1CE LINES | GEN. PURP. |
| S146C | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 210NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| S146P | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 210NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| S1103A-1C | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 145NS/5X 5Y ADDRESS 1CE LINES/NO PRECHARGE | GEN. PURP. |
| S1103A-1P | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 145NS/5X 5Y ADDRESS 1CE LINES/NO PRECHARGE | GEN. PURP. |
| S1103A-2C | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 145NS/5X 5Y ADDRESS 1CE LINES/NO PRECHARGE | GEN. PURP. |
| S1103A-2P | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 145NS/5X 5Y ADDRESS 1CE LINES/NO PRECHARGE | GEN. PURP. |
| S1103AC | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 205NS/5X 5Y ADDRESS 1CE LINES/NO PRECHARGE | GEN. PURP. |
| S1103AP | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 205NS/5X 5Y ADDRESS 1CE LINES/NO PRECHARGE | GEN. PURP. |
| S1103A-XP | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 125NS/5X 5Y ADDRESS 1CE LINES/NO PRECHARGE | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| PHI | FLP-16/3C | STLB | -55C/+125C | . . . +5V | 140MXMA | . TTL | TTL/OC | SN545301W | S545301W |
| AMI | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 1.2MXW | . TTL | TTL/TS | MC68A00L | S68A00C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 1.2MXW | . TTL | TTL/TS | MC68A00L | S68A00P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 100MXMA | . TTL | TTL/TS | MC68A10L | S68A10C |
| AMI | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 100MXMA | . TTL | TTL/TS | MC68A10P | S68A10P |
| AMI | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 550MXMW | . TTL | TTL/TS | MC68A21L | S68A21C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 550MXMW | . TTL | TTL/TS | MC68A21P | S68A21P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC68A50L | S68A50C |
| AMI | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC68A50P | S68A50P |
| AMI | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 1.2MXW | . TTL | TTL/TS | MC68B00L | S68B00C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 1.2MXW | . TTL | TTL/TS | MC68B00L | S68B00P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 100MXMA | . TTL | TTL/TS | MC68B10L | S68B10C |
| AMI | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 100MXMA | . TTL | TTL/TS | MC68B10P | S68B10P |
| AMI | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 550MXMW | . TTL | TTL/TS | MC68B21L | S68B21C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 550MXMW | . TTL | TTL/TS | MC68B21P | S68B21P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC68B50L | S68B50C |
| AMI | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC68B50P | S68B50P |
| PHI | DIL-28/2M | STLB | -55C/+125C | . . . +5V | 190MXMA | . TTL | TTL/OC | | S82S09I |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | S82S10I | S82S10F |
| PHI | DIL-16/1M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | S82S10F | S82S10I |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | S82S11I | S82S11F |
| PHI | DIL-16/1M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | S82S11F | S82S11I |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 115MXMA | . TTL | TTL/TS | | S82S16F |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 115MXMA | . TTL | TTL/OC | | S82S17F |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 115MXMA | . TTL | TTL/OC | | S82S23F |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 105MXMA | . TTL | TTL/OC | | S82S25F |
| PHI | DIL-28/2M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/TS | | S82S100I |
| PHI | DIL-28/2M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | MC82S100LM | S82S101I |
| PHI | DIL-28/2M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | MC82S101LM | S82S102I |
| PHI | DIL-28/2M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/TS | | S82S103I |
| PHI | DIL-28/2M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | | S82S106I |
| PHI | DIL-28/2M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/TS | | S82S107I |
| PHI | DIL-24/2C | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/TS | 82S114I | S82S114F |
| PHI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/TS | S82S114F | S82S114I |
| PHI | DIL-24/2C | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/TS | S82S115I | S82S115F |
| PHI | DIL-24/2C | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/TS | S82S115F | S82S115I |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 115MXMA | . TTL | TTL/TS | | S82S123F |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/OC | | S82S126F |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/TS | | S82S129F |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 140MXMA | . TTL | TTL/OC | | S82S130F |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 140MXMA | . TTL | TTL/TS | | S82S131F |
| PHI | DIL-18/1C | STLB | -55C/+125C | . . . +5V | 140MXMA | . TTL | TTL/OC | | S82S136F |
| PHI | DIL-18/1C | STLB | -55C/+125C | . . . +5V | 140MXMA | . TTL | TTL/TS | | S82S137F |
| PHI | DIL-24/2C | STLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/OC | S82S140I | S82S140F |
| PHI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/OC | S82S140F | S82S140I |
| PHI | DIL-24/2C | STLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/TS | S82S141I | S82S141F |
| PHI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/TS | S82S141F | S82S141I |
| PHI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 150MXMA | . TTL | TTL/OC | | S82S180I |
| PHI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 150MXMA | . TTL | TTL/TS | | S82S181I |
| PHI | DIL-18/1C | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/OC | S82S184I | S82S184F |
| PHI | DIL-18/1M | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/OC | S82S184F | S82S184I |
| PHI | DIL-18/1C | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/TS | S82S185I | S82S185F |
| PHI | DIL-18/1M | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/TS | S82S185F | S82S185I |
| PHI | DIL-28/2M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/TS | | S82S200I |
| PHI | DIL-28/2M | STLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | | S82S201I |
| PHI | DIL-24/2C | STLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/TS | S82S214I | S82S214F |
| PHI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/TS | S82S214F | S82S214I |
| PHI | DIL-24/2C | STLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/TS | S82S215I | S82S215F |
| PHI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 175MXMA | . TTL | TTL/TS | S82S215F | S82S215I |
| PHI | DIL-16/1C | . . . | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/OC | | S82S226F |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/TS | | S82S229F |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 135MXMA | . TTL | TTL/OC | | S82S230F |
| PHI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 135MXMA | . TTL | TTL/TS | | S82S231F |
| PHI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 150MXMA | . TTL | TTL/OC | | S82S280I |
| PHI | DIL-24/2M | STLB | -55C/+125C | . . . +5V | 150MXMA | . TTL | TTL/TS | | S82S281I |
| PHI | DIL-24/2C | STLB | -55C/+125C | . . . +5V | 150MXMA | . TTL | TTL/TS | | S82S2708F |
| AMI | DIL-18/1C | PMOS | 0C/+55C | +19V/+22.5V | 33MXMA | +1/+18V | +80/85MV | C1103-146 | S146C |
| AMI | DIL-18/1P | PMOS | 0C/+55C | +19V/+22.5V | 33MXMA | +1/+18V | +80/85MV | P1103-146 | S146P |
| AMI | DIL-18/1C | PMOS | 0C/+55C | +16V/+19.5V | 33MXMA | . MOS | SENSE AMP | C1103A-1 | S1103A-1C |
| AMI | DIL-18/1P | PMOS | 0C/+55C | +19V/+22.5V | 33MXMA | . MOS | SENSE AMP | P1103A-1 | S1103A-1P |
| AMI | DIL-18/1C | PMOS | 0C/+55C | +19V/+22.5V | 33MXMA | . MOS | SENSE AMP | C1103A-2 | S1103A-2C |
| AMI | DIL-18/1P | PMOS | 0C/+55C | +16V/+19.5V | 33MXMA | . MOS | SENSE AMP | P1103A-2 | S1103A-2P |
| AMI | DIL-18/1C | PMOS | 0C/+70C | +16V/+19.5V | 25MXMA | . MOS | SENSE AMP | P1103A | S1103AC |
| AMI | DIL-18/1P | PMOS | 0C/+70C | +16V/+19.5V | 25MXMA | . MOS | SENSE AMP | P1103A | S1103AP |
| AMI | DIL-18/1P | PMOS | 0C/+55C | +19V/+22.5V | 33MXMA | . MOS | SENSE AMP | P1103A | S1103A-XP |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| S1103C | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 310NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| S1103P | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 310NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| S1103XP | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 120NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| S1103XC | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 125NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| S1103-1C | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 180NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| S1103-1P | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 180NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| S1757C | UART | 5-8BIT | ASYNCHRONOUS RECEIVER-TRANSMITTER /UP TO 160KHZ | GEN. PURP. |
| S1757P | UART | 5-8BIT | ASYNCHRONOUS RECEIVER-TRANSMITTER /UP TO 160KHZ | GEN. PURP. |
| S1883AC | UART | 5-8BIT | ASYNCH. RECEIVER TRANSMITTER/IMPROVED S1883C | GEN. PURP. |
| S1883AP | UART | 5-8BIT | ASYNCH. RECEIVER TRANSMITTER/IMPROVED S1883P | GEN. PURP. |
| S1883C | UART | 5-8BIT | ASYNCHRONOUS RECEIVER TRANSMITTER /UP TO 200KHZ | GEN. PURP. |
| S1883P | UART | 5-8BIT | ASYNCHRONOUS RECEIVER-TRANSMITTER /UP TO 200KHZ | GEN. PURP. |
| S2000AC | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/1KX8 ROM/64X4 RAM/TIMER/VAC. FLUORESC DRVRS | S2000 |
| S2000AP | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/1KX8 ROM/64X4 RAM/TIMER/VAC. FLUORESC DRVRS | S2000 |
| S2000C | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/1KX8 ROM/64X4 RAM/TIMER/7-SEGMENT. LED DRIVERS | S2000 |
| S2000P | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/1KX8 ROM/64X4 RAM/TIMER/7-SEG. LED DRIVERS | S2000 |
| S2114A-1C | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114A-1P | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114A-2C | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114A-2P | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114A-3C | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114A-3P | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114AP | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114AC | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114HC | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 70NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114HP | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 70NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114L-1C | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114L-1P | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114L-2C | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114L-2P | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114L-3C | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114L-3P | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114-1C | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114-1P | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114-2C | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114-2P | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114-3C | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2114-3P | SRAM | 4-BIT | 4K=1024X8/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S2147C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| S2147-3C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 55NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| S2222AC | SRAM | 1-BIT | 512=512X1/MAX. ACCESS 700NS/5X 4Y ADDRESS 1CE LINES/3.5V STANDBY | GEN. PURP. |
| S2222AP | SRAM | 1-BIT | 512=512X1/MAX. ACCESS 700NS/5X 4Y ADDRESS 1CE LINES/3.5V STANDBY | GEN. PURP. |
| S2222C | SRAM | 1-BIT | 512=512X1/MAX. ACCESS 350NS/5X 4Y ADDRESS 1CE LINES/3.5V STANDBY | GEN. PURP. |
| S2222P | SRAM | 1-BIT | 512=512X1/MAX. ACCESS 350NS/5X 4Y ADDRESS 1CE LINES/3.5V STANDBY | GEN. PURP. |
| S2299P | KBENC | 4-BIT | KEYBOARD BUFFER FOR 9209 FAMILY | 9209 |
| S2350C | USRT | 5-8BIT | UNIVERSAL SYNCH. RECVR. TRNSMTTR. /500KHZ MAX. CLOCK | GEN. PURP. |
| S2350P | USRT | 5-8BIT | UNIVERSAL SYNCH. RECVR. TRNSMTTR. /500KHZ MAX. CLOCK | GEN. PURP. |
| S2716 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 250NS/8X 3Y 1CS ADDR. LINES/132MXMW STDBY | GEN. PURP. |
| S3001I | MCU | 2-BIT | MICROPROGRAM CONTROL UNIT FOR 3000 2-BIT-SLICE FAMILY/95NS CYCLE | 3000 |
| S3002I | CPEBS | 2-BIT | CENTRAL PROCESSING ELEMENT OF 3000 2-BIT SLICE FAM./120NS CLOCK | 3000 |
| S3101AF | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS 1CS LINES | GEN. PURP. |
| S3514C | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/9 ADDRESS 4CS LINES | GEN. PURP. |
| S3514P | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS/9 ADDRESS 4CS LINES | GEN. PURP. |
| S40061C | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y 1CE ADDRESS LINES/50MM STANDBY | GEN. PURP. |
| S4006-2H | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y 1CE ADDRESS LINES/QUASI STATIC | GEN. PURP. |
| S4006-4H | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y 1CE ADDRESS LINES/QUASI STATIC | GEN. PURP. |
| S4008C | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CE ADDRESS LINES/QUASI STATIC | GEN. PURP. |
| S40081C | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y 1CE ADDRESS LINES/50MM STANDBY | GEN. PURP. |
| S4008-9C | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 800NS/5X 5Y 1CE ADDRESS LINES/QUASI STATIC | GEN. PURP. |
| S4015-2C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4015-2E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4015-2P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4015-3C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4015-3E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4015-3P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4015-4C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4015-4E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4015-4P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4015-5C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4015-5E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4015-5P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4016-1C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S4016-1P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S4016-2C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S4016-2P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| AMI | DIL-18/1C | PMOS | 0C/+70C | +16V/+19.5V | 25MXMA | . MOS | SENSE AMP | D1103 | S1103C |
| AMI | DIL-18/1P | PMOS | 0C/+70C | +16V/+19.5V | 25MXMA | . MOS | SENSE AMP | P1103-1 | S1103P |
| AMI | DIL-18/1P | PMOS | 0C/+55C | +19V/+22.5V | 33MXMA | . MOS | SENSE AMP | . | S1103XP |
| AMI | DIL-18/1C | PMOS | 0C/+55C | +19V/+22.5V | 33MXMA | . MOS | SENSE AMP | . | S1103XC |
| AMI | DIL-18/1C | PMOS | 0C/+55C | +19V/+22.5V | 33MXMA | . MOS | SENSE AMP | P1103-1 | S1103-1C |
| AMI | DIL-18/1P | PMOS | 0C/+55C | +19V/+22.5V | 33MXMA | . MOS | SENSE AMP | P1103-1 | S1103-1P |
| AMI | DIL-40/2C | PMOS | 0C/+70C | +12V/-5V/+5V | . | . MOS | . | . | S1757C |
| AMI | DIL-40/2P | PMOS | 0C/+70C | +12V/-5V/+5V | . | . MOS | . | . | S1757P |
| AMI | DIL-40/2C | PMOS | 0C/+70C | -12V/-5V/+5V | . | . TTL | TTL/TS | . | S1883AC |
| AMI | DIL-40/2C | PMOS | 0C/+70C | -12V/-5V/+5V | . | . TTL | TTL/TS | . | S1883AP |
| AMI | DIL-40/2C | PMOS | 0C/+70C | -12V/-5V/+5V | . | . TTL | TTL/TS | . | S1883C |
| AMI | DIL-40/2P | PMOS | 0C/+70C | -12V/-5V/+5V | . | . TTL | TTL/TS | . | S1883P |
| AMI | DIL-40/2C | NMOS | 0C/+70C | . . +9V | 50MXMA | . TTL | . TTL | . | S2000AC |
| AMI | DIL-40/2P | NMOS | 0C/+70C | . . +9V | 50MXMA | . TTL | . TTL | . | S2000AP |
| AMI | DIL-40/2C | NMOS | 0C/+70C | . . +9V | 50MXMA | . TTL | . TTL | . | S2000C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | . . +9V | 50MXMA | . TTL | . TTL | . | S2000P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 265MXMW | . TTL | TTL/TS | . | S2114A-1C |
| AMI | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 265MXMW | . TTL | TTL/TS | . | S2114A-1P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 265MXMW | . TTL | TTL/TS | . | S2114A-2C |
| AMI | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 265MXMW | . TTL | TTL/TS | . | S2114A-2P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 265MXMW | . TTL | TTL/TS | . | S2114A-3C |
| AMI | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 265MXMW | . TTL | TTL/TS | . | S2114A-3P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 265MXMW | . TTL | TTL/TS | . | S2114AP |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 265MXMW | . TTL | TTL/TS | . | S2114AC |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 790MXMW | . TTL | TTL/TS | . | S2114HC |
| AMI | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 790MXMW | . TTL | TTL/TS | . | S2114HP |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | . | S2114L-1C |
| AMI | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | . | S2114L-1P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | D2114L2 | S2114L-2C |
| AMI | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | P2114L2 | S2114L-2P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | D2114L3 | S2114L-3C |
| AMI | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | P2114L3 | S2114L-3P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | . | S2114-1C |
| AMI | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | . | S2114-1P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | D2114-2 | S2114-2C |
| AMI | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | P2114-2 | S2114-2P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | D2114-3 | S2114-3C |
| AMI | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | P2114-3 | S2114-3P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 945MXMW | . TTL | TTL/TS | D2147 | S2147C |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 945MXMW | . TTL | TTL/TS | D2147-3 | S2147-3C |
| AMI | DIL-16/1C | CMOS | 0C/+70C | . . +10V | 2.5TPMA | +0.6/+9.4V | + .45/+4V | S2222C | S2222AC |
| AMI | DIL-16/1P | CMOS | 0C/+70C | . . +10V | 2.5TPMA | +0.6/+9.4V | + .45/+4V | S2222P | S2222AP |
| AMI | DIL-16/1C | CMOS | 0C/+70C | . . +10V | 2.5TPMA | +0.6/+9.4V | + .45/+4V | . | S2222C |
| AMI | DIL-16/1P | CMOS | 0C/+70C | . . +10V | 2.5TPMA | +0.6/+9.5V | + .45/+4V | . | S2222P |
| AMI | DIL-40/2P | PMOS | 0C/+70C | . . -15V | . | . NMOS | . NMOS | . | S2299P |
| AMI | DIL-40/2C | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | . | S2350C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | . . +5V | . | . TTL | . TTL | . | S2350P |
| AMI | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 560MXMW | . TTL | . TTL | D2716 | S2716 |
| SIG | DIL-40/2C | STLB | -55C/+125C | . . +5V | 240MXMA | . TTL | /TS/OC | D3001 | S3001I |
| SIG | DIL-28/2C | STLB | -55C/+125C | . . +5V | 190MXMA | . TTL | TTL/TS | D3002 | S3002I |
| SIG | DIL-16/1C | STLB | -55C/+125C | . . +5V | 105MXMA | . TTL | TTL/OC | CM3101A | S3101AF |
| AMI | DIL-24/2C | PMOS | 0C/+70C | . . -12V/+5V | 500MXMW | . TTL | TTL/TS | AM35142DC | S3514C |
| AMI | DIL-24/2P | PMOS | 0C/+70C | . . -12V/+5V | 500MXMW | . TTL | TTL/TS | AM35142DC | S3514P |
| AMI | DIL-16/1C | PMOS | 0C/+70C | . . -12V/+5V | 32MXMA | . TTL | . TTL | MK4006P-6 | S4006LC |
| AMI | DIL-16/1C | PMOS | 0C/+70C | . . -12V/+5V | 32MXMA | . TTL | . TTL | MK4006P-6 | S4006-2H |
| AMI | DIL-16/1M | PMOS | 0C/+70C | . . -12V/+5V | 32MXMA | . TTL | . TTL | MK4006P-6 | S4006-4H |
| AMI | DIL-16/1C | PMOS | 0C/+70C | . . -12V/+5V | 32MXMA | . TTL | . TTL | MK4008P-6 | S4008C |
| AMI | DIL-16/1C | PMOS | 0C/+70C | . . -12V/+5V | 32MXMA | . TTL | . TTL | MK4006P-6 | S4008LC |
| AMI | DIL-16/1C | PMOS | 0C/+70C | . . -12V/+5V | 32MXMA | . TTL | . TTL | MK4008P-6 | S4008-9C |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL/OC | . | S4015-2C |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL/OC | . | S4015-2E |
| AMI | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL/OC | . | S4015-2P |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/OC | . | S4015-3C |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/OC | . | S4015-3E |
| AMI | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/OC | . | S4015-3P |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL/OC | . | S4015-4C |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL/OC | . | S4015-4E |
| AMI | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL/OC | . | S4015-4P |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 135MXMA | . TTL | TTL/OC | . | S4015-5C |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 135MXMA | . TTL | TTL/OC | . | S4015-5E |
| AMI | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 135MXMA | . TTL | TTL/OC | . | S4015-5P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | S2114-1C | S4016-1C |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | S2114-1P | S4016-1P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | S2114-2C | S4016-2C |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | S2114-2P | S4016-2P |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| S4016-3C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S4016-3P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| S4017C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/ 6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| S4017-3C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 55NS/ 6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| S4019C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| S4019-3C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| S4025-2C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4025-2E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4025-2P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4025-3C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4025-3E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4025-3P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4025-4C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4025-4E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4025-4P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4025-5C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4025-5E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4025-5P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 35NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| S4028C | SRAM | 8-BIT | 16K=2048X8/MAX. ACCESS 200NS | GEN. PURP. |
| S4216B | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 250NS/11 ADDRESS 3CS LINES/D2716 PINOUT | GEN. PURP. |
| S4216D | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 250NS/11 ADDRESS 3CS LINES/MMI6276 PINOUT | GEN. PURP. |
| S4264C | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 350NS/8X 5Y 1CS ADDRESS LINES/2732 PINOUT | GEN. PURP. |
| S4532 | EPROM | 8-BIT | 32K=4096X8/MAX. ACCESS 250NS/7X 5Y ADDRESS LINES | GEN. PURP. |
| S4716 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 250NS/7X 4Y 1CS ADDRESS LINES/132MW STDBY | GEN. PURP. |
| S5101L-1C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101L-1P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101L-2C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101L-2P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101L-3C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/74MXUW STDBY | GEN. PURP. |
| S5101L-3P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/74MXUW STDBY | GEN. PURP. |
| S5101L-8C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES/74MXUW STDBY | GEN. PURP. |
| S5101L-8P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES/74MXUW STDBY | GEN. PURP. |
| S5101LC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/55MXUW STDBY | GEN. PURP. |
| S5101LP | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/55MXUW STDBY | GEN. PURP. |
| S5101-1C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101/1-1C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101/1-2C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101-2C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101/2-1C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101/2-2C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101/3-1C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101/3-2C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101-8C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES/2.7MXMW STDBY | GEN. PURP. |
| S5101-8P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES/2.7MXMW STDBY | GEN. PURP. |
| S5101/8-1C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5101/8-2C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES | 6800 |
| S5204A | EPROM | 8-BIT | 4K=512X8/MAX. ACCESS 750NS/6X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| S5232C | MROM | 4-8BIT | 4K=1024X4,512X8/MAX. ACCESS 1uS/6X 4Y 4CS ADDRESS LINES | GEN. PURP. |
| S5232P | MROM | 4-8BIT | 4K=1024X4,512X8/MAX. ACCESS 1uS/6X 4Y 4CS ADDRESS LINES | GEN. PURP. |
| S6508A-1C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 275NS/5X 5Y 1CS ADDR. LINES/1.1MXMW STDBY | GEN. PURP. |
| S6508A-1P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 275NS/5X 5Y 1CS ADDR. LINES/1.1MXMW STDBY | GEN. PURP. |
| S6508AC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDR. LINES/5.5MXUW STDBY | GEN. PURP. |
| S6508AP | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDR. LINES/550MXUW STDBY | GEN. PURP. |
| S6508C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDR. LINES/550MXUW STDBY | GEN. PURP. |
| S6508P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDR. LINES/550MXUW STDBY | GEN. PURP. |
| S6508-1C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDR. LINES/55MXUW STDBY | GEN. PURP. |
| S6508-1P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDR. LINES/55MXUW STDBY | GEN. PURP. |
| S6518A-1C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 275NS/5X 5Y 1CS ADDR. LINES/1.1MXMW STDBY | GEN. PURP. |
| S6518A-1P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 275NS/5X 5Y 1CS ADDR. LINES/1.1MXMW STDBY | GEN. PURP. |
| S6518AC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDR. LINES/5.5MXUW STDBY | GEN. PURP. |
| S6518AP | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDR. LINES/550MXUW STDBY | GEN. PURP. |
| S6518C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDR. LINES/550MXUW STDBY | GEN. PURP. |
| S6518P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 460NS/5X 5Y 1CS ADDR. LINES/550MXUW STDBY | GEN. PURP. |
| S6518-1C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDR. LINES/55MXUW STDBY | GEN. PURP. |
| S6518-1P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDR. LINES/55MXUW STDBY | GEN. PURP. |
| S6605A-1C | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/5X 7Y ADDRESS 1CE LINES | GEN. PURP. |
| S6605A-2C | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/5X 7Y ADDRESS 1CE LINES | GEN. PURP. |
| S6605B-1C | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 600NS/5X 7Y ADDRESS 1CE LINES | GEN. PURP. |
| S6605B-2C | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 600NS/5X 7Y ADDRESS 1CE LINES | GEN. PURP. |
| S6605-1C | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 210NS/5X 7Y ADDRESS 1CE LINES | GEN. PURP. |
| S6605-2C | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 210NS/5X 7Y ADDRESS 1CE LINES | GEN. PURP. |
| S6800C | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B) | 6800 |
| S6800TC | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B) | 6800 |
| S6800TP | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B) | 6800 |
| S6800P | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B)/1MHZ CLK | 6800 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|-------------|----------------|
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | S2114-3C | S4016-3C |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | S2114-3P | S4016-3P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | . | S4017C |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | . | S4017-3C |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 945MXMW | . TTL | TTL/TS | S2147C | S4019C |
| AMI | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 945MXMW | . TTL | TTL/TS | S2147-3C | S4019-3C |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL/TS | . | S4025-2C |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL/TS | . | S4025-2E |
| AMI | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL/TS | . | S4025-2P |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | . | S4025-3C |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | . | S4025-3E |
| AMI | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | TTL/TS | . | S4025-3P |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL/TS | . | S4025-4C |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL/TS | . | S4025-4E |
| AMI | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 125MXMA | . TTL | TTL/TS | . | S4025-4P |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 135MXMA | . TTL | TTL/TS | . | S4025-5C |
| AMI | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 135MXMA | . TTL | TTL/TS | . | S4025-5E |
| AMI | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 135MXMA | . TTL | TTL/TS | . | S4025-5P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL | . | S4028C |
| AMI | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 420MXMW | . TTL | TTL/TS | . | S4216B |
| AMI | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 420MXMW | . TTL | TTL/TS | . | S4216D |
| AMI | DIL-28/2C | NMOS | 0C/+70C | . . +5V | . | . TTL | TTL/TS | D2364A | S4264C |
| AMI | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL | . | S4532 |
| AMI | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL | D2716-1 | S4716 |
| AMI | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | B5101L-2 | S5101L-1C |
| AMI | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | P5101L-2 | S5101L-1P |
| AMI | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | B5101L-2 | S5101L-2C |
| AMI | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | P5101L-2 | S5101L-2P |
| AMI | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 115MXMW | . TTL | TTL/TS | . | S5101L-3C |
| AMI | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 115MXMW | . TTL | TTL/TS | . | S5101L-3P |
| AMI | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 115MXMW | . TTL | TTL/TS | . | S5101L-8C |
| AMI | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 115MXMW | . TTL | TTL/TS | . | S5101L-8P |
| AMI | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 115MXMW | . TTL | TTL/TS | . | S5101LC |
| AMI | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 115MXMW | . TTL | TTL/TS | SYP5101 | S5101LP |
| AMI | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | P5101-1 | S5101-1C |
| AMI | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | B5101-1 | S5101-1-2C |
| AMI | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | . | S5101-2C |
| AMI | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | P5101-1 | S5101-2-1C |
| AMI | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | B5101-1 | S5101-2-2C |
| AMI | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | . | S5101/3-1C |
| AMI | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | . | S5101/3-2C |
| AMI | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 115MXMW | . TTL | TTL/TS | . | S5101-8C |
| AMI | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 115MXMW | . TTL | TTL/TS | . | S5101-8P |
| AMI | DIL-22/4P | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | P5101-8 | S5101/8-1C |
| AMI | DIL-22/4C | CMOS | 0C/+70C | . . +5V | 110MXMW | . TTL | TTL/TS | B5101-8 | S5101/8-2C |
| AMI | DIL-24/2Q | PMOS | 0C/+70C | . -12V/+5V | 790MXMW | . TTL | TTL/TS | . | S5204A |
| AMI | DIL-24/2C | PMOS | 0C/+70C | . -12V/+5V | 28MXMA | . TTL | TTL/TS | MM5232J | S5232C |
| AMI | DIL-24/2P | PMOS | 0C/+70C | . -12V/+5V | 28MXMA | . TTL | TTL/TS | MM5232N | S5232P |
| AMI | DIL-16/1C | CMOS | 0C/+70C | +4V TO +11V | 10MXMW | . TTL | TTL/TS | IM6508A-IID | S6508A-1C |
| AMI | DIL-16/1P | CMOS | 0C/+70C | +4V TO +11V | 10MXMW | . TTL | TTL/TS | IM6508A-IID | S6508A-1P |
| AMI | DIL-16/1C | CMOS | 0C/+70C | +4V TO +11V | 10MXMW | . TTL | TTL/TS | IM6508CJ | S6508AC |
| AMI | DIL-16/1P | CMOS | 0C/+70C | +4V TO +11V | 10MXMW | . TTL | TTL/TS | IM6508AID | S6508AP |
| AMI | DIL-16/1C | CMOS | 0C/+70C | . . +5V | 11MXMW | . TTL | TTL/TS | IM6508A-IID | S6508C |
| AMI | DIL-16/1P | CMOS | 0C/+70C | . . +5V | 11MXMW | . TTL | TTL/TS | IM6508CJ | S6508P |
| AMI | DIL-16/1C | CMOS | 0C/+70C | . . +5V | 11MXMW | . TTL | TTL/TS | IM6508-IID | S6508-1C |
| AMI | DIL-16/1P | CMOS | 0C/+70C | . . +5V | 11MXMW | . TTL | TTL/TS | IM6508-1ID | S6508-1P |
| AMI | DIL-18/1C | CMOS | 0C/+70C | +4V TO +11V | 10MXMW | . TTL | TTL/TS | IM6518A-IID | S6518A-1C |
| AMI | DIL-18/1P | CMOS | 0C/+70C | +4V TO +11V | 10MXMW | . TTL | TTL/TS | IM6518A-IID | S6518A-1P |
| AMI | DIL-18/1C | CMOS | 0C/+70C | +4V TO +11V | 10MXMW | . TTL | TTL/TS | IM6518AID | S6518AC |
| AMI | DIL-18/1P | CMOS | 0C/+70C | +4V TO +11V | 10MXMW | . TTL | TTL/TS | IM6518AID | S6518AP |
| AMI | DIL-18/1C | CMOS | 0C/+70C | . . +5V | 11MXMW | . TTL | CMOS/TS | CMOS/TS | S6518C |
| AMI | DIL-18/1P | CMOS | 0C/+70C | . . +5V | 11MXMW | . TTL | TTL/TS | IM6518CJ | S6518P |
| AMI | DIL-18/1C | CMOS | 0C/+70C | . . +5V | 11MXMW | . TTL | TTL/TS | IM6518-1ID | S6518-1C |
| AMI | DIL-18/1P | CMOS | 0C/+70C | . . +5V | 11MXMW | . TTL | TTL/TS | IM6518-1ID | S6518-1P |
| AMI | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | MCM6605AP | S6605A-1C |
| AMI | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | MCM6605AP | S6605A-2C |
| AMI | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | MCM6605AL | S6605B-1C |
| AMI | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | MCM6605AL | S6605B-2C |
| AMI | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | MCM6605AP1 | S6605-1C |
| AMI | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 36MXMA | . TTL | TTL/TS | MCM6605AP1 | S6605-2C |
| AMI | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 1.2MXW | . TTL | TTL/TS | F6800L | S6800C |
| AMI | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 1.2MXW | . TTL | TTL/TS | F6800 | S6800IC |
| AMI | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 1.2MXW | . TTL | TTL/TS | MC6800P | S6800IP |
| AMI | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 1.2MXW | . TTL | TTL/TS | MC6800L | S6800P |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| S6802C | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./WITH 6846 GIVES 2-CHIP SYSTM | 6802 |
| S6802P | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./WITH 6846 GIVES 2-CHIP SYSTM | 6802 |
| S6810A-1C | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 250NS/7 ADDRESS 6CS LINES/FOR 2MHZ 68B00 | 68B00 |
| S6810A-1P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 250NS/7 ADDRESS 6CS LINES/FOR 2MHZ 68B00 | 68B00 |
| S6810AC | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/FOR 1.5MHZ 6800 | 68A00 |
| S6810AP | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 6800 | 68A00 |
| S6810C | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 1uS/7 ADDRESS 6CE LINES | 6800 |
| S6810P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 1uS/7 ADDRESS 6CE LINES | 6800 |
| S6810-1C | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 575NS/7 ADDRESS 6CE LINES | 6800 |
| S6810-1P | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 575NS/7 ADDRESS 6CE LINES | 6800 |
| S6820C | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAMILY (APP. B) | 6800 |
| S6820IC | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAMILY (APP. B) | 6800 |
| S6820IP | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAMILY (APP. B) | 6800 |
| S6820P | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAMILY (APP. B) | 6800 |
| S6821C | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| S6821P | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/6820 + 2TTL FANOUTS AND STATIC OPN. | 6800 |
| S6830C | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 575NS/10 ADDRESS 4CE LINES | 6800 |
| S6830P | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 575NS/10 ADDRESS 4CE LINES | 6800 |
| S6831AC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/PIN COMPATIBLE WITH D2316A/8316A | 6800 |
| S6831AP | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/PIN COMPATIBLE WITH D2316A/8316A | 6800 |
| S6831BC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/PIN COMPATIBLE WITH D2316B/MC68317 | 6800 |
| S6831BP | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/PIN COMPATIBLE WITH D2316B/MC68317 | 6800 |
| S6831C | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/PIN COMPATIBLE WITH S6830C | 6800 |
| S6831CC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/PIN COMPATIBLE WITH EA4600 | 6800 |
| S6831CP | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/PIN COMPATIBLE WITH EA4600 | 6800 |
| S6831P | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/PIN COMPATIBLE WITH S6830P | 6800 |
| S6831-1 | MROM | 8-BIT | 16K=2048X8/VMOS/ | 6800 |
| S6834C | EPROM | 8-BIT | 4K=512X8/MAX. ACCESS 575NS/6X 3Y 2CS ADDRESS LINES | 6800 |
| S6834-1C | EPROM | 8-BIT | 4K=512X8/MAX. ACCESS 750NS/6X 3Y 2CS ADDRESS LINES | 6800 |
| S6840C | TIMER | 8-BIT | PROGRAMMABLE COUNTER-TIMER | 6800 |
| S6840P | TIMER | 8-BIT | PROGRAMMABLE COUNTER-TIMER | 6800 |
| S6846C | ROMIO | 8-BIT | COMBINATON ROM,I-O PORT AND TIMER-COUNTER/COMPLEMENTS 6802 MPU | 6802 |
| S6846P | ROMIO | 8-BIT | COMBINATON ROM,I-O PORT AND TIMER-COUNTER/COMPLEMENTS 6802 MPU | 6802 |
| S6847C | VDUC | 8-BIT | VIDEO DISPLAY GENERATOR/NON-INTERLACE MODE | 6800 |
| S6847P | VDUC | 8-BIT | VIDEO DISPLAY GENERATOR/NON-INTERLACE MODE | 6800 |
| S6850C | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/6800 FAMILY(APP.B) | 6800 |
| S6850P | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/6800 FAMILY(APP.B) | 6800 |
| S6852C | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ | 6800 |
| S6852P | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ | 6800 |
| S6854C | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK | 6800 |
| S6854P | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK | 6800 |
| S6860C | MODEM | 8-BIT | DIGITAL MODEM FOR 6800 FAMILY (APP. B)/0-600BPS | 6800 |
| S6860P | MODEM | 8-BIT | DIGITAL MODEM FOR 6800 FAMILY (APP. B)/0-600BPS | 6800 |
| S8564C | MROM | . | 9X7 CHARACTER GEN. ROM/64 WORD/MAX. ACCESS 450NS | GEN. PURP. |
| S8564P | MROM | . | 9X7 CHARACTER GEN. ROM/64 WORD/MAX. ACCESS 450NS | GEN. PURP. |
| S8771C | MROM | 10-BIT | 5120=512X10/MAX. ACCESS 450NS | GEN. PURP. |
| S8771P | MROM | 10-BIT | 5120=512X10/MAX. ACCESS 450NS | GEN. PURP. |
| S8773C | MROM | 10-BIT | 2560=256X10/MAX. ACCESS 450NS | GEN. PURP. |
| S8773P | MROM | 10-BIT | 2560=256X10/MAX. ACCESS 450NS | GEN. PURP. |
| S8865C(24-PIN) | MROM | 4-BIT | 8K=2048X4/MAX. ACCESS 1.3uS | GEN. PURP. |
| S8865C(28-PIN) | MROM | 4-BIT | 8K=2048X4/MAX. ACCESS 1.3uS | GEN. PURP. |
| S8865P(24-PIN) | MROM | 4-BIT | 8K=2048X4/MAX. ACCESS 1.3uS | GEN. PURP. |
| S8865P(28-PIN) | MROM | 4-BIT | 8K=2048X4/MAX. ACCESS 1.3uS | GEN. PURP. |
| S8996C(24-PIN) | MROM | 4-BIT | 16K=4096X4/MAX. ACCESS 1.8uS/7X 5Y 4CS ADDRESS LINES | GEN. PURP. |
| S8996C(28-PIN) | MROM | 4-BIT | 16K=4096X4/MAX. ACCESS 1.8uS/7X 5Y 4CS ADDRESS LINES | GEN. PURP. |
| S8996P(24-PIN) | MROM | 4-BIT | 16K=4096X4/MAX. ACCESS 1.8uS/7X 5Y 4CS ADDRESS LINES | GEN. PURP. |
| S8996P(28-PIN) | MROM | 4-BIT | 16K=4096X4/MAX. ACCESS 1.8uS/7X 5Y 4CS ADDRESS LINES | GEN. PURP. |
| S9209P | MROM | 4-BIT | MICROPROGRAMMABLE DISPLAY PROCESSOR/SINGLE-CHIP DISPLAY DRIVER | 9209 |
| S9334B | LATCH | 8-BIT | ADDRESSABLE LATCH | 2650 |
| S9334F | LATCH | 8-BIT | ADDRESSABLE LATCH | 2650 |
| S9334W | LATCH | 8-BIT | ADDRESSABLE LATCH | 2650 |
| S9900C | CPU | 16-BIT | 1-CHIP CPU FOR 9900 FAMILY/3.3MHZ CLOCK | 9900 |
| S9901C | PCI | 16-BIT | PROGRAMMABLE SYSTEMS INTERFACE FOR 9900/9980 FAM./500KHZ CLOCK | 9900/9980 |
| S9901P | PCI | 16-BIT | PROGRAMMABLE SYSTEMS INTERFACE FOR 9900/9980 FAM./500KHZ CLOCK | 9900 |
| S9902C | UART | . | ASYNCHRONOUS COMMUNICATIONS CONTROLLER FOR 9900 FAM. | 9900 |
| S9902P | UART | . | ASYNCHRONOUS COMMUNICATION CONTROLLER FOR 9900 FAM. | 9900 |
| S9903C | USRT | 7-9BIT | CRU INTERFACE/ SYNC. COMMS. CONTROLLER/9900 FAM. | 9900 |
| S9903P | USRT | 7-9BIT | CRU INTERFACE/ SYNC. COMMS. CONTROLLER/9900 FAM. | 9900 |
| S9940E | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/EPROM VERSN. OF S9940N/QUARTZ WINDOW/5MHZ | 9940 |
| S9940N | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/2KX8 MROM/ 128X8 RAM INTEGRAL/5MHZ CLOCK | 9940 |
| S9980C | CPU | 16-BIT | 1-CHIP CPU OF 9980 FAM./8-BIT DATA BUS | 9980 |
| S9980P | CPU | 16-BIT | 1-CHIP CPU OF 9980 FAM./8-BIT DATA BUS | 9980 |
| S9996C(24-PIN) | MROM | 4-BIT | 16K=4096X4/MAX. ACCESS 1.8uS/7X 5Y 4CS ADDRESS LINES | GEN. PURP. |
| S9996C(28-PIN) | MROM | 4-BIT | 16K=4096X4/MAX. ACCESS 1.8uS/7X 5Y 4CS ADDRESS LINES | GEN. PURP. |
| S9996P(24-PIN) | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 1.8uS/7X 5Y 4CS ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| AMI | DIL-40/2C | NMOS | 0C/+70C | +5V | 1.2MXW | TTL | TTL | MC6802L | S6802C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | +5V | 1.2MXW | TTL | TTL | MC6802P | S6802P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/TS | MCM68B10L | S6810A-1C |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/TS | MCM68B10P | S6810A-1P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/TS | MCM68A10L | S6810AC |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/TS | MCM68A10P | S6810AP |
| AMI | DIL-24/2C | NMOS | 0C/+70C | +5V | 650MXMW | TTL | TTL/TS | MCM6810AL | S6810C |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 650MXMW | TTL | TTL/TS | MCM6810AP | S6810P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | +5V | 650MXMW | TTL | TTL/TS | MCM6810AL | S6810-1C |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 650MXMW | TTL | TTL/TS | MCM6810AP | S6810-1P |
| AMI | DIL-40/2C | NMOS | 0C/+70C | +5V | 600MXMW | TTL | TTL/TS | F6820(CER) | S6820C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | +5V | 600MXMW | TTL | TTL/TS | MC6820L | S6820IC |
| AMI | DIL-40/2C | NMOS | 0C/+70C | +5V | 600MXMW | TTL | TTL/TS | MC6820P | S6820IP |
| AMI | DIL-40/2P | NMOS | 0C/+70C | +5V | 600MXMW | TTL | TTL/TS | F6820(PLS) | S6820P |
| AMI | DIL-40/2C | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL/TS | MC6821L | S6821C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL/TS | MC6821P | S6821P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | MC6830L | S6830C |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | MCM6830AL | S6830P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | +5V | 150MXMW | TTL | TTL/TS | | S6831AC |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 150MXMW | TTL | TTL/TS | | S6831AP |
| AMI | DIL-24/2C | NMOS | 0C/+70C | +5V | 150MXMW | TTL | TTL/TS | | S6831BC |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 150MXMW | TTL | TTL/TS | | S6831BP |
| AMI | DIL-24/2C | NMOS | 0C/+70C | +5V | 150MXMW | TTL | TTL/TS | | S6831C |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 150MXMW | TTL | TTL/TS | | S6831CC |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 150MXMW | TTL | TTL/TS | | S6831CP |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 150MXMW | TTL | TTL/TS | | S6831P |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 150MXMW | TTL | TTL/TS | | S6831-1 |
| AMI | DIL-24/2Q | PMOS | 0C/+70C | -12V/+5V | 750MXMW | TTL | TTL/TS | | S6834C |
| AMI | DIL-24/2Q | PMOS | 0C/+70C | -12V/+5V | 750MXMW | TTL | TTL/TS | | S6834-1C |
| AMI | DIL-28/2C | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL | MC6840L | S6840C |
| AMI | DIL-28/2P | NMOS | 0C/+70C | +5V | 550MXMW | TTL | TTL | MC6840L | S6840P |
| MTA | DIL-40/2C | NMOS | 0C/+70C | +5V | 1MXW | TTL | TTL | MC6846L | S6846C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | +5V | 1MXW | TTL | TTL | MC6846P | S6846P |
| AMI | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | MC6847L | S6847C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | MC6847P | S6847P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC6850L | S6850C |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC6850P | S6850P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC6852L | S6852C |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | MC6852P | S6852P |
| AMI | DIL-28/2C | NMOS | 0C/+70C | +5V | 850MXMW | TTL | TTL | MC6854L | S6854C |
| AMI | DIL-28/2P | NMOS | 0C/+70C | +5V | 850MXMW | TTL | TTL | MC6854P | S6854P |
| AMI | DIL-24/2C | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL | MC6860L | S6860C |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL | MC6860P | S6860P |
| AMI | DIL-28/2C | PMOS | 0C/+70C | -12V/+5V | 1.1MXW | TTL | TTL | | S8564C |
| AMI | DIL-28/2P | PMOS | 0C/+70C | -12V/+5V | 1.1MXW | TTL | TTL | | S8564P |
| AMI | DIL-28/2C | PMOS | 0C/+70C | -12V/+5V | 1MXW | TTL | TTL | | S8771C |
| AMI | DIL-28/2P | PMOS | 0C/+70C | -12V/+5V | 1MXW | TTL | TTL | | S8771P |
| AMI | DIL-28/2C | PMOS | 0C/+70C | +5V | 625MXMW | TTL | TTL | | S8773C |
| AMI | DIL-28/2P | PMOS | 0C/+70C | -12V/+5V | 625MXMW | TTL | TTL | | S8773P |
| AMI | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 635MXMW | TTL | TTL/TS | | S8865C(24-PIN) |
| AMI | DIL-28/2C | PMOS | 0C/+70C | -12V/+5V | 635MXMW | TTL | TTL/TS | | S8865C(28-PIN) |
| AMI | DIL-24/2P | PMOS | 0C/+70C | -12V/+5V | 635MXMW | TTL | TTL/TS | | S8865P(24-PIN) |
| AMI | DIL-28/2P | PMOS | 0C/+70C | -12V/+5V | 635MXMW | TTL | TTL/TS | | S8865P(28-PIN) |
| AMI | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 368MXMW | TTL | TTL/TS | | S8996C(24-PIN) |
| AMI | DIL-28/2C | PMOS | 0C/+70C | -12V/+5V | 368MXMW | TTL | TTL/TS | | S8996C(28-PIN) |
| AMI | DIL-24/2P | PMOS | 0C/+70C | -12V/+5V | 368MXMW | TTL | TTL/TS | | S8996P(24-PIN) |
| AMI | DIL-28/2P | PMOS | 0C/+70C | -12V/+5V | 368MXMW | TTL | TTL/TS | | S8996P(28-PIN) |
| AMI | DIL-40/2P | PMOS | 0C/+70C | -15V | 10MXMA | -4.6/1.8V | PMOS | | S9209P |
| PHI | DIL-16/1P | TTLB | -55C/+125C | +5V | | TTL | TTL | SN54259J | S9334B |
| PHI | DIL-16/1C | TTLB | -55C/+125C | +5V | | TTL | TTL | SN54LS259S | S9334F |
| PHI | FLP-16/3C | TTLB | -55C/+125C | +5V | | TTL | TTL | SN54LS259W | S9334W |
| AMI | DIL-64/3C | NMOS | 0C/+70C | -5V/+5V/+12V | 125TPMA | TTL | TTL | TMS9900 | S9900C |
| AMI | DIL-40/2C | NMOS | 0C/+70C | +5V | 200MXMA | TTL | TTL | TMS9901JL | S9901C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | +5V | 200MXMA | TTL | TTL | TMS9901JL | S9901P |
| AMI | DIL-18/1C | NMOS | 0C/+70C | +5V | 100TPMA | TTL | TTL | TMS9902JL | S9902C |
| AMI | DIL-18/1P | NMOS | 0C/+70C | +5V | 100TPMA | TTL | TTL | TMS9902NL | S9902P |
| AMI | DIL-20/1C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | TMS9903JL | S9903C |
| AMI | DIL-20/1P | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL | TMS9903NL | S9903P |
| AMI | DIL-40/2Q | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL | TMS9940E | S9940E |
| AMI | DIL-40/2C | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL | TMS9940JL | S9940N |
| AMI | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 50TPMA | TTL | TTL/TS | TMS9980JL | S9980C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 50TPMA | TTL | TTL/TS | TMS9980NL | S9980P |
| AMI | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 20MXMA | TTL | TTL/TS | 2580I | S9996C(24-PIN) |
| AMI | DIL-28/2C | PMOS | 0C/+70C | -12V/+5V | 20MXMA | TTL | TTL/TS | 2580I | S9996C(28-PIN) |
| AMI | DIL-24/2P | PMOS | 0C/+70C | -12V/+5V | 20MXMA | TTL | TTL/TS | 2580N | S9996P(24-PIN) |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| S9996P(28-PIN) | MROM | 4-BIT | 16K=4096X4/MAX. ACCESS 1.8uS/7X 5Y 4CS ADDRESS LINES | GEN. PURP. |
| S68332C | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/8X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| S68332P | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/8X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| S68488C | IFACE | 8-BIT | GENERAL PURPOSE INTERFACE ADAPTER (IEEE488 BUS TO MC6800 BUS) | 6800 |
| S68488P | IFACE | 8-BIT | GENERAL PURPOSE INTERFACE ADAPTER (IEEE488 BUS TO MC6800 BUS) | 6800 |
| SAB1702A-2-B | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS 1CS LINES | 8080 |
| SAB2101A-4-B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 8080 |
| SAB2101A-4-P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 8080 |
| SAB2102 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y 1CE ADDRESS LINES | 8080 |
| SAB2102A-4-D | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | 8080 |
| SAB2102A-6-D | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES/LOW POWER | 8080 |
| SAB2102A-6-P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | 8080 |
| SAB2102AL-4-P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY | 8080 |
| SAB2102-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CE ADDRESS LINES | 8080 |
| SAB2111A-4-D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 8080 |
| SAB2111A-4-P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | 8080 |
| SAB2114-C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| SAB2114-L-P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES /LOW POWER | 8080 |
| SAB2114L-3-P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES /LOW POWER | 8080 |
| SAB2114-P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| SAB2114-2-C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| SAB2114-2-P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| SAB2114-3-P | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| SAB2114-3-C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| SAB3001-D | MCU | 2-BIT | MICROPROGRAM CONTROL UNIT FOR 3000 2-BIT-SLICE FAMILY | 3000 |
| SAB3002-D | CPEBS | 2-BIT | CENTRAL PROCESSING ELEMENT OF 3000 2-BIT-SLICE FAM. | 3000 |
| SAB3003-D | LHCG | 8-BIT | LOOK AHEAD CARRY GENERATOR FOR 3000 2-BIT-SLICE FAM. | 3000 |
| SAB3205-D | DECDR | 3-BIT | 1-OF-8 BINARY DECODER/MAX. DELAY 18NS | GEN. PURP. |
| SAB3205-P | DECDR | 3-BIT | 1-OF-8 BINARY DECODER/MAX. DELAY 18NS | GEN. PURP. |
| SAB3212-D | LATCH | 8-BIT | MULTIMODE LATCH BUFFER/8 D-TYPE LATCHES/MAX. WRITE CYCLE 50NS | 3000 |
| SAB3212-P | LATCH | 8-BIT | MULTIMODE LATCH BUFFER/8 D-TYPE LATCHES/MAX. WRITE CYCLE 50NS | 3000 |
| SAB3214-D | ITRPC | 8-BIT | INTERRUPT CONTROL UNIT | 3000 |
| SAB3214-P | ITRPC | 8-BIT | INTERRUPT CONTROL UNIT | 3000 |
| SAB3216-D | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER | 3000 |
| SAB3222-B | DMI | 1-BIT | REFRESH CONTROLLER FOR 4K DRAMS (SUCH AS 2107)/6 ADDRESS LINES | GEN. PURP. |
| SAB3226-D | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER/INVERTING | 3000 |
| SAB3226-P | DRVR | 4-BIT | PARALLEL BIDIRECTIONAL BUS DRIVER/INVERTING | 3000 |
| SAB3245-D | LVLSH | 4-BIT | QUAD TTL-TO-MOS DRIVER | GEN. PURP. |
| SAB3404-P | LATCH | 6-BIT | HIGH SPEED 6-BIT LATCH/MAX. DELAY 12NS | GEN. PURP. |
| SAB3408-P | SAMP | 6-BIT | HEX BIPOLAR SENSE AMP. WITH LATCH FOR MOS CIRCUITS | GEN. PURP. |
| SAB3604-D | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| SAB3604L-6-D | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES/LOW POWER | GEN. PURP. |
| SAB3604-4-D | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| SAB3624-D | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| SAB3624-4-D | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 90NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| SAB4001-P | MROM | 8-BIT | 256X8(=512X4)/MAX. ACCESS 930NS/4-BIT I-O PORT/MUX. SERIAL CNTRL | 4004/4040 |
| SAB4002-1-P | RAMIO | 4-BIT | 320=4X20X4 RAM + 4-BIT OUTPUT PORT/CHIP SELECTION OPTION 1 | 4004/4040 |
| SAB4002-2-P | RAMIO | 4-BIT | 320=4X20X4 RAM + 4-BIT OUTPUT PORT/CHIP SELECTION OPTION 2 | 4004/4040 |
| SAB4003-P | SHFTR | 10-BIT | SHIFT REGISTER, SERIAL INPUT, PARALLEL OUTPUT | 4004/4040 |
| SAB4004-C | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4004 FAMILY (APP. B) | 4004 |
| SAB4004-D | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4004 FAMILY (APP. B) | 4004 |
| SAB4004-P | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4004 FAMILY (APP. B) | 4004 |
| SAB4008-P | MEMCT | 4-BIT | MEMORY INTERFACE UNIT/ ADDRESS LATCHING UNIT | 4004/4040 |
| SAB4009-P | IOCTR | 4-BIT | I-O CONTROL UNIT FOR 4004-4040 SYSTEM (APP. B) | 4004/4040 |
| SAB4040-C | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4040 FAMILY (APP. B) | 4040 |
| SAB4040-D | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4040 FAMILY (APP. B) | 4040 |
| SAB4040-P | MPU | 4-BIT | CENTRAL PROCESSING UNIT (CPU) FOR 4040 FAMILY (APP. B) | 4040 |
| SAB4101-P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y ADDRESS 2CE LINES/SEP. I-O | 4004/4040 |
| SAB4201A-D | CLOCK | 2-BIT | CLOCK GENERATOR/XTAL CONTROLLED/FOR 4004-4040 FAMILY (APP. B) | 4004/4040 |
| SAB4201A-P | CLOCK | 2-BIT | CLOCK GENERATOR/XTAL CONTROLLED/FOR 4004-4040 FAMILY (APP. B) | 4004/4040 |
| SAB4265-D | PIO | 8-BIT | PROGRAMMABLE I-O DEVICE FOR 4004-4040 FAMILY (APP. B) | 4004/4040 |
| SAB4265-P | PIO | 8-BIT | PROGRAMMABLE I-O DEVICE FOR 4004-4040 FAMILY (APP. B) | 4004/4040 |
| SAB4269-D | KBDSK | 8-BIT | PROGRAMMABLE KEYBOARD AND DISPLAY CONTROL UNIT | 4004/4040 |
| SAB4289-C | MEMCT | 4-BIT | STANDARD MEMORY INTERFACE/ADDRESS AND I-O CONTROL UNIT | 4004/4040 |
| SAB4308-P | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 930NS/4 4-BIT I-O PORTS/MUX. SER. CONTROL | 4004/4040 |
| SAB4702A-B | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.7uS/8 ADDRESS 1CS LINES | 4004/4040 |
| SAB5101L-C | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | 4004/4040 |
| SAB8008-C | CPU | 8-BIT | 1-CHIP CPU FOR 8008 FAM. (APP. B)/ 2uS INSTRUCTION CYCLE | 8008 |
| SAB8008-1-C | CPU | 8-BIT | 1-CHIP CPU FOR 8008 FAM. (APP. B)/1.25uS INSTRUCTION CYCLE | 8008 |
| SAB8035-P | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS 8048 | 8048 |
| SAB8035-8-P | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/3MHZ CLOCK/64X8 RAM/ROMLESS 8048 | 8048 |
| SAB8048-C | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1024X8 ROM/27 I-O LINES | 8048 |
| SAB8080A-1-D | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/INSTRUCTION CYCLE DOWN TO 1.3uS | 8080 |
| SAB8080A-2-D | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/INSTRUCTION CYCLE DOWN TO 1.5uS | 8080 |
| SAB8080A-D | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/INSTRUCTION CYCLE DOWN TO 2uS | 8080 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|----------------------|------------------|--------------------|---------------------|------------|----------------|
| AMI | DIL-28/2P | PMOS | 0C/+70C | -12V/+5V | 20MXMA | TTL | TTL/TS | 2580N | S9996P(28-PIN) |
| AMI | DIL-24/2C | NMOS | 0C/+70C | +5V | 400TPMW | TTL | TTL/TS | R2332C | S68332C |
| AMI | DIL-24/2P | NMOS | 0C/+70C | +5V | 400TPMW | TTL | TTL/TS | R2332C | S68332P |
| AMI | DIL-40/2C | NMOS | 0C/+70C | +5V | 600TPMW | TTL | TTL | MC68488L | S68488C |
| AMI | DIL-40/2P | NMOS | 0C/+70C | +5V | 600TPMW | TTL | TTL | MC68488P | S68488P |
| SIE | DIL-24/2Q | PMOS | 0C/+70C | -9V/+5V | 50MXMA | TTL | TTL/TS | MK1702A | SAB1702A-2-B |
| SIE | DIL-22/4C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | B2101A-4 | SAB2101A-4-B |
| SIE | DIL-22/4P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2101A-4 | SAB2101A-4-P |
| SIE | DIL-16/1P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | P2102A-6 | SAB2102 |
| SIE | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102A-4 | SAB2102A-4-D |
| SIE | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102A-6 | SAB2102A-6-D |
| SIE | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2102A-6 | SAB2102A-6-P |
| SIE | DIL-16/1P | NMOS | 0C/+70C | +5V | 33MXMA | TTL | TTL/TS | P2102AL-4 | SAB2102AL-4-P |
| SIE | DIL-16/1P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | P2102A-4 | SAB2102-1 |
| SIE | DIL-18/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | P2111A-4 | SAB2111A-4-D |
| SIE | DIL-18/1P | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | P2111A-4 | SAB2111A-4-P |
| SIE | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | C2114 | SAB2114-C |
| SIE | DIL-18/1P | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | P2114L | SAB2114L-P |
| SIE | DIL-18/1P | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | P2114L-3 | SAB2114L-3-P |
| SIE | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | P2114 | SAB2114-P |
| SIE | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | C2114-2 | SAB2114-2-C |
| SIE | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | P2114-2 | SAB2114-2-P |
| SIE | DIL-18/1P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | P2114-3 | SAB2114-3-P |
| SIE | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | C2114-3 | SAB2114-3-C |
| SIE | DIL-40/2C | STLB | 0C/+70C | +5V | 240MXMA | TTL | /TS+OC | D3001 | SAB3001-D |
| SIE | DIL-28/2C | STLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | D3002 | SAB3002-D |
| SIE | DIL-28/2C | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL | D3003 | SAB3003-D |
| SIE | DIL-16/1C | TTLB | 0C/+75C | +5V | 70MXMA | TTL | TTL | D3205 | SAB3205-D |
| SIE | DIL-16/1P | TTLB | 0C/+75C | +5V | 70MXMA | TTL | TTL | P3205 | SAB3205-P |
| SIE | DIL-24/2C | TTLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/TS | C3212 | SAB3212-D |
| SIE | DIL-24/2P | TTLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/TS | P3212 | SAB3212-P |
| SIE | DIL-24/2C | TTLB | 0C/+75C | +5V | 130MXMA | TTL | TTL | D3214 | SAB3214-D |
| SIE | DIL-24/2P | TTLB | 0C/+75C | +5V | 130MXMA | TTL | TTL | P3214 | SAB3214-P |
| SIE | DIL-16/1C | TTLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/TS | D3216 | SAB3216-D |
| SIE | DIL-22/2C | STLB | 0C/+75C | +5V | 120MXMA | TTL | TTL | D3222 | SAB3222-B |
| SIE | DIL-16/1C | TTLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/TS | D3226 | SAB3226-D |
| SIE | DIL-16/1P | TTLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/TS | P3226 | SAB3226-P |
| SIE | DIL-16/1C | STLB | 0C/+75C | +5V/+12V | 485MXMW | TTL | MOS | D3245 | SAB3245-D |
| SIE | DIL-16/1P | TTLB | 0C/+75C | +5V | 75MXMA | TTL | TTL | D3404 | SAB3404-P |
| SIE | DIL-16/1P | STLB | 0C/+70C | +5V | 125MXMA | MOS | TTL/TS | D3408A | SAB3408-P |
| SIE | DIL-24/2C | TTLB | 0C/+75C | +5V | 190MXMA | TTL | TTL/OC | D3604 | SAB3604-D |
| SIE | DIL-24/2C | TTLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/OC | D3604L-6 | SAB3604L-6-D |
| SIE | DIL-24/2C | TTLB | 0C/+75C | +5V | 190MXMA | TTL | TTL/OC | D3604-4 | SAB3604-4-D |
| SIE | DIL-24/2C | TTLB | 0C/+75C | +5V | 190MXMA | TTL | TTL/TS | D3624 | SAB3624-D |
| SIE | DIL-24/2C | TTLB | 0C/+75C | +5V | 190MXMA | TTL | TTL/TS | D3624-4 | SAB3624-4-D |
| SIE | DIL-16/1P | PMOS | 0C/+70C | -10V/+5V | 30MXMA | TTL | TTL | P4001 | SAB4001-P |
| SIE | DIL-16/1P | PMOS | 0C/+70C | -10V/+5V | 33MXMA | TTL | TTL | P4002-1 | SAB4002-1-P |
| SIE | DIL-16/1P | PMOS | 0C/+70C | -10V/+5V | 33MXMA | TTL | TTL | P4002-2 | SAB4002-2-P |
| SIE | DIL-16/1P | PMOS | 0C/+70C | -10V/+5V | 127MXMW | TTL | TTL | P4003 | SAB4003-P |
| SIE | DIL-16/1C | PMOS | 0C/+70C | -10V/+5V | 600MXMW | TTL | TTL | C4004 | SAB4004-C |
| SIE | DIL-16/1M | PMOS | 0C/+70C | -10V/+5V | 600MXMW | TTL | TTL | D4004 | SAB4004-D |
| SIE | DIL-16/1P | PMOS | 0C/+70C | -10V/+5V | 600MXMW | TTL | TTL | P4004 | SAB4004-P |
| SIE | DIL-24/2P | PMOS | 0C/+70C | -10V/+5V | 750MXMW | TTL | TTL | P4008 | SAB4008-P |
| SIE | DIL-24/2P | PMOS | 0C/+70C | -10V/+5V | 740MXMW | TTL | TTL | P4009 | SAB4009-P |
| SIE | DIL-24/2C | PMOS | 0C/+70C | -10V/+5V | 900MXMW | TTL | TTL | C4040 | SAB4040-C |
| SIE | DIL-24/2M | PMOS | 0C/+70C | -10V/+5V | 900MXMW | TTL | TTL | D4040 | SAB4040-D |
| SIE | DIL-24/2P | PMOS | 0C/+70C | -10V/+5V | 900MXMW | TTL | TTL | P4040 | SAB4040-P |
| SIE | DIL-22/4P | NMOS | 0C/+70C | +5V | 150TPMW | TTL | TTL | SAB4101-P | SAB4101-P |
| SIE | DIL-16/1M | CMOS | 0C/+70C | -5V/+15V | 300MXMW | TTL | MOS+TTL | DP4201J | SAB4201A-D |
| SIE | DIL-16/1C | CMOS | 0C/+70C | -5V/+15V | 300MXMW | TTL | MOS+TTL | DP4201J | SAB4201A-P |
| SIE | DIL-28/2M | PMOS | 0C/+85C | -10V/+5V | 525TPMW | TTL | TTL | D4265 | SAB4265-D |
| SIE | DIL-28/2P | PMOS | 0C/+70C | -10V/+5V | 525TPMW | TTL | TTL | P4265 | SAB4265-P |
| SIE | DIL-40/2M | PMOS | 0C/+70C | -10V/+5V | 65MXMA | TTL | TTL | D4269 | SAB4269-D |
| SIE | DIL-40/2C | PMOS | 0C/+70C | -10V/+5V | 400MXMW | TTL | TTL | C4289 | SAB4289-C |
| SIE | DIL-28/2P | PMOS | 0C/+70C | -10V/+5V | 400MXMW | TTL | TTL | P4308 | SAB4308-P |
| SIE | DIL-24/2Q | PMOS | 0C/+70C | -10V/+5V | 63MXMA | TTL | TTL/TS | B4702A | SAB4702A-B |
| SIE | DIL-22/4C | CMOS | 0C/+70C | +5V | 135MXMW | TTL | TTL | SAB5101L-C | SAB5101L-C |
| SIE | DIL-18/1C | PMOS | 0C/+70C | -9V/+5V | 60MXMA | TTL | TTL | C8008 | SAB8008-C |
| SIE | DIL-18/1C | PMOS | 0C/+70C | -9V/+5V | 60MXMA | TTL | TTL | C8008-1 | SAB8008-1-C |
| SIE | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | P8035 | SAB8035-P |
| SIE | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | P8035 | SAB8035-8-P |
| SIE | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | P8048 | SAB8048-C |
| SIE | DIL-40/2M | NMOS | -55C/+125C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | M08080A-1 | SAB8080A-1-D |
| SIE | DIL-40/2M | NMOS | -55C/+125C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | M08080A-2 | SAB8080A-2-D |
| SIE | DIL-40/2M | NMOS | -55C/+125C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | M08080A | SAB8080A-D |

| DEVICE TYPE NO | FUNCI ON app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|-----------------|----------------|------------------|--|--------------------|
| SAB8080A-P | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/INSTRUCTION CYCLE DOWN TO 2uS | 8080 |
| SAB8085-C | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.3uS | 8085 |
| SAB8085-P | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.3uS | 8085 |
| SAB8101A-4-B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/SEP. I-O | 8080 |
| SAB8101A-4-P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/SEP. I-O | 8080 |
| SAB8102A-4-D | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/10 ADDRESS 1CE LINES | 8080 |
| SAB8102A-4-P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/10 ADDRESS 1CE LINES | 8080 |
| SAB8111A-4-D | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/COMMON I-O | 8080 |
| SAB8111A-4-P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/COMMON I-O | 8080 |
| SAB8155-C | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| SAB8205-D | DECDR | 3-BIT | 1-OF-8 BINARY DECODER/MAX. DELAY 18NS | 8080 |
| SAB8205-P | DECDR | 3-BIT | 1-OF-8 BINARY DECODER | 8080 |
| SAB8212D | IP/OP | 8-BIT | 8-BIT INPUT-OUTPUT PORT FOR 8080 FAM. (APP. B) | 8080 |
| SAB8212-P | IP/OP | 8-BIT | 8-BIT INPUT-OUTPUT PORT FOR 8080 FAM. (APP. B) | 8080 |
| SAB8214-D | PINTC | 8-BIT | INTERRUPT CONTROL UNIT FOR 8080 FAM. (APP. B) | 8080 |
| SAB8214-P | PINTC | 8-BIT | INTERRUPT CONTROL UNIT FOR 8080 FAM. (APP. B) | 8080 |
| SAB8216-D | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/8080 DATA BUS BUFFER DVR | 8080 |
| SAB8216-P | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/8080 DATA BUS BUFFER DVR | 8080 |
| SAB8224-D | CLOCK | 2-BIT | 2-PHASE CLOCK GEN. DRIVER FOR 8080 FAM. (APP. B)/ 18MHZ | 8080 |
| SAB8224-P | CLOCK | 2-BIT | 2-PHASE CLOCK GEN. DRIVER FOR 8080 FAM. (APP. B) | 8080 |
| SAB8226-D | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER | 8080 |
| SAB8226-P | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER | 8080 |
| SAB8228-D | SYSC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080 FAM. (APP. B) | 8080 |
| SAB8228-P | SYSC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080 FAM. (APP. B) | 8080 |
| SAB8238-D | SYSC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080 FAM. (APP. B) | 8080 |
| SAB8238-P | SYSC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080 FAM. (APP. B) | 8080 |
| SAB8243-P | EXPIO | 4-BIT | INPUT-OUTPUT EXPANDER/4 I-O PORTS AS EXTENSION FROM ONE I-O PORT | 8048 |
| SAB8251-D | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080 |
| SAB8251-P | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER | 8080 |
| SAB8253-CL | PTM | 8-BIT | PROGRAMMABLE INTERVAL TIMER/THREE 16-BIT COUNTERS/DC-2MHZ | 8080 |
| SAB8255-D | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAMILY (APP. B) | 8080 |
| SAB8257-D | DMAC | 8-BIT | PROGRAMMABLE DIRECT MEMORY ACCESS CONTROLLER (DMA) FOR 8080 FAM. | 8080 |
| SAB8259-D | PINTC | 8-BIT | PROGRAMMABLE INTERRUPT CONTROLLER FOR 8048 FAM. (APP. B) | 8080 |
| SAB8271-D | FLPDC | 8-BIT | PROGR. FLOPPY DISK CONTROLLER/IBM 3740 SOFT SECTORED FORMAT/4MHZ | 8080 |
| SAB8273-D | SDLNC | 8-BIT | SDLC PROTOCOL CONTROLLER/56K BAUD | 8080 |
| SAB8275-D | CRTC | 8-BIT | PROGRAMMABLE CRT DISPLAY CONTROLLER (VDU) FOR 8080 FAM. (APP. B) | 8080 |
| SAB8279-D | KBDS | 8-BIT | INPUT-OUTPUT CONTROLLER FOR KEYBD. DISPLAY UNIT FOR 8080 FAM. | 8080 |
| SAB8279-P | KBDS | 8-BIT | INPUT-OUTPUT CONTROLLER FOR KEYBD. DISPLAY UNIT FOR 8080 FAM. | 8080 |
| SAB8308-P | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 2CS ADDRESS LINES | 8080 |
| SAB8316A-D | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/7X 4Y 3CS ADDRESS LINES | 8080 |
| SAB8316A-P | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/7X 4Y 3CS ADDRESS LINES | 8080 |
| SAB8355-D | ROMIO | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8 ADDR.-DATA 2CE ADDR. LINES | 8048/8085 |
| SAB8355-P | ROMIO | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8 ADDR.-DATA 2CE ADDR. LINES | 8048/8085 |
| SAB8702A-4-B | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 2.3uS/8 ADDRESS 1CS LINES | 8080 |
| SAB8702A-B | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1.3uS/8 ADDRESS 1CS LINES | 8080 |
| SAB8708-C | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 3Y 1CS ADDRESS LINES | 8080 |
| SAB8748-B | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INTERNAL CPU-RAM-IO-EPROM/6MHZ INT. CLOCK | 8048 |
| SAB8748-8-B | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INTERNAL CPU-RAM-IO-EPROM/3MHZ INT. CLOCK | 8048 |
| SAB8755-C | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8X 3Y 2CE ADDRESS LINES | 8048/8085 |
| SAB8755-8-C | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/8X 3Y 2CE ADDRESS LINES/3MHZ CLOCK | 8048/8085 |
| SAB8755-8-D | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/3MHZ CLOCK/8X 3Y 2CE ADDRESS LINES | 8048/8085 |
| SBP0400AC-CER. | MPU | 4-BIT | 4-BIT SLICE PROCESSOR/0400 FAMILY CAPP. B)/5MHZ MAX. CLOCK | 0400 |
| SBP0400AC-PLAS. | MPU | 4-BIT | 4-BIT SLICE PROCESSOR/0400 FAMILY (APP. B)/5MHZ MAX. CLOCK | 0400 |
| SBP0400AM | MPU | 4-BIT | 4-BIT SLICE PROCESSOR/0400 FAMILY (APP. B)/5MHZ MAX. CLOCK | 0400 |
| SBP0400C-CER. | MPU | 4-BIT | 4-BIT SLICE PROCESSOR/0400 FAMILY (APP. B)/1MHZ MAX. CLOCK | 0400 |
| SBP0400C-PLAS. | MPU | 4-BIT | 4-BIT SLICE PROCESSOR/0400 FAMILY (APP. B)/1MHZ MAX. CLOCK | 0400 |
| SBP0400M | MPU | 4-BIT | 4-BIT SLICE PROCESSOR/0400 FAMILY (APP. B)/1MHZ MAX. CLOCK | 0400 |
| SBP0401AC-CER. | MPU | 4-BIT | 4-BIT SLICE PROCESSOR/0400 FAMILY (APP. B)/4MHZ MAX. CLOCK | 0400 |
| SBP0401AC-PLAS. | MPU | 4-BIT | 4-BIT SLICE PROCESSOR/0400 FAMILY (APP. B)/4MHZ MAX. CLOCK | 0400 |
| SBP0401AM | MPU | 4-BIT | 4-BIT SLICE PROCESSOR/0400 FAMILY (APP. B)/4MHZ MAX. CLOCK | 0400 |
| SBP8316CN | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 750NS/7X 4Y 3CS ADDRESS LINES | SBP9900 |
| SBP8316MJ | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 750NS/7X 4Y 3CS ADDRESS LINES | SBP9900 |
| SBP9818CN | MROM | 8-BIT | 16K=2048X8/ACCESS 750NS-100uS DEPENDENT ON INJECTOR CURRENT | SBP9900 |
| SBP9818MJ | MROM | 8-BIT | 16K=2048X8/ACCESS 750NS-100uS DEPENDENT ON INJECTOR CURRENT | SBP9900 |
| SBP9900 | CPU | 16-BIT | CENTRAL PROCESSING UNIT FOR SBP9900 FAMILY (APP. B) | SBP9900 |
| SBP9900A | CPU | 16-BIT | CENTRAL PROCESSING UNIT FOR SBP9900 FAM. | SBP9900 |
| SBP9900E | CPU | 16-BIT | CENTRAL PROCESSING UNIT FOR SBP9900 FAM. | SBP9900 |
| SBP9900M | CPU | 16-BIT | CENTRAL PROCESSING UNIT FOR SBP9900 FAM. | SBP9900 |
| SBP9900N | CPU | 16-BIT | CENTRAL PROCESSING UNIT FOR SBP9900 FAM. | SBP9900 |
| SBP9960CJ | EXPIO | 16-BIT | I-O EXPANDER/PROP. DELAY 300NS TYP. | SBPTMS9900 |
| SBP9960EJ | EXPIO | 16-BIT | I-O EXPANDER/PROP. DELAY 300NS TYP. | SBPTMS9900 |
| SBP9960MJ | EXPIO | 16-BIT | I-O EXPANDER/PROP. DELAY 300NS TYP./HIGH REL. VERSION | SBPTMS9900 |
| SBP9961CJ | ITRPC | 16-BIT | INTERRUPT-CONTROLLER-TIMER | SBPTMS9900 |
| SBP9961EJ | ITRPC | 16-BIT | INTERRUPT-CONTROLLER-TIMER | SBPTMS9900 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| SIE | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | P8080A | SAB8080A-P |
| SIE | DIL-40/2C | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL | C8085 | SAB8085-C |
| SIE | DIL-40/2C | NMOS | 0C/+70C | +5V | 170MXMA | TTL | TTL | P8085 | SAB8085-P |
| SIE | DIL-22/4C | NMOS | 0C/+70C | +5V | 350MXMW | TTL | TTL/TS | C8101A-4 | SAB8101A-4-B |
| SIE | DIL-22/4P | NMOS | 0C/+70C | +5V | 350MXMW | TTL | TTL/TS | S8101A-4 | SAB8101A-4-P |
| SIE | DIL-16/1C | NMOS | 0C/+70C | +5V | 350MXMW | TTL | TTL/TS | D8102A-4 | SAB8102A-4-D |
| SIE | DIL-16/1P | NMOS | 0C/+70C | +5V | 350MXMW | TTL | TTL/TS | P8102A-4 | SAB8102A-4-P |
| SIE | DIL-18/1C | NMOS | 0C/+70C | +5V | 350MXMW | TTL | TTL/TS | D8111A-4 | SAB8111A-4-D |
| SIE | DIL-18/1P | NMOS | 0C/+70C | +5V | 350MXMW | TTL | TTL/TS | P8111A-4 | SAB8111A-4-P |
| SIE | DIL-40/2C | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | C8155 | SAB8155-C |
| SIE | DIL-16/1C | STLB | 0C/+70C | +5V | 70MXMA | TTL | TTL | D8205 | SAB8205-D |
| SIE | DIL-16/1P | STLB | 0C/+70C | +5V | 70MXMA | TTL | TTL | P8205 | SAB8205-P |
| SIE | DIL-24/2C | TTLB | -55C/+125C | +5V | 650MXMW | TTL | TTL/TS | D8212 | SAB8212-D |
| SIE | DIL-24/2P | TTLB | 0C/+70C | +5V | 650MXMW | TTL | TTL/TS | AM8212 | SAB8212-P |
| SIE | DIL-24/2C | TTLB | 0C/+70C | +5V | 500MXMW | TTL | TTL | D8214 | SAB8214-D |
| SIE | DIL-24/2P | TTLB | 0C/+70C | +5V | 500MXMW | TTL | TTL | P8214 | SAB8214-P |
| SIE | DIL-16/1C | STLB | -55C/+125C | +5V | 375MXMW | TTL | TTL/TS | MD8216 | SAB8216-D |
| SIE | DIL-16/1P | STLB | 0C/+70C | +5V | 375MXMW | TTL | TTL/TS | P8216 | SAB8216-P |
| SIE | DIL-16/1C | STLB | -55C/+125C | +5V/+12V | 430MXMW | TTL | TTL | AM8224DM | SAB8224-D |
| SIE | DIL-16/1P | STLB | 0C/+70C | +5V/+12V | 115MXMA | TTL | TTL | P8224 | SAB8224-P |
| SIE | DIL-16/1C | STLB | -55C/+125C | +5V | | TTL | TTL/TS | MD8226 | SAB8226-D |
| SIE | DIL-16/1P | STLB | 0C/+70C | +5V | | TTL | TTL/TS | P8226 | SAB8226-P |
| SIE | DIL-28/2C | TTLB | -55C/+125C | +5V | 190MXMA | TTL | TTL/TS | MD8228 | SAB8228-D |
| SIE | DIL-28/2P | TTLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | P8228 | SAB8228-P |
| SIE | DIL-28/2C | TTLB | -55C/+125C | +5V | 190MXMA | TTL | TTL/TS | AM823DM | SAB8238-D |
| SIE | DIL-28/2P | TTLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | P8238 | SAB8238-P |
| SIE | DIL-24/2P | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL | P8243 | SAB8243-P |
| SIE | DIL-28/2C | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL | D8251 | SAB8251-D |
| SIE | DIL-28/2P | NMOS | 0C/+70C | +5V | 80MXMA | TTL | TTL | P8251 | SAB8251-P |
| SIE | DIL-24/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | D8253 | SAB8253-CL |
| SIE | DIL-40/2C | NMOS | 0C/+70C | +5V | 40TPMA | TTL | TTL | D8255 | SAB8255-D |
| SIE | DIL-40/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL | D8257 | SAB8257-D |
| SIE | DIL-28/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | D8259 | SAB8259-D |
| SIE | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | D8271 | SAB8271-D |
| SIE | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | D8273 | SAB8273-D |
| SIE | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | D8275 | SAB8275-D |
| SIE | DIL-40/2C | NMOS | 0C/+70C | +5V | | TTL | TTL | D8279 | SAB8279-D |
| SIE | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | P8279 | SAB8279-P |
| SIE | DIL-24/2P | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | D8308 | SAB8308-P |
| SIE | DIL-16/1C | NMOS | 0C/+70C | +5V | 514MXMW | TTL | TTL/TS | D8316A | SAB8316A-D |
| SIE | DIL-16/1P | NMOS | 0C/+70C | +5V | 514MXMW | TTL | TTL/TS | P8316A | SAB8316A-P |
| SIE | DIL-40/2C | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL | C8355 | SAB8355-D |
| SIE | DIL-40/2P | TTLB | 0C/+70C | +5V | 100MXMA | TTL | TTL | P8355 | SAB8355-P |
| SIE | DIL-24/2Q | PMOS | 0C/+70C | +12V | 540MXMW | TTL | TTL | B8702A-4 | SAB8702A-4-B |
| SIE | DIL-24/2Q | PMOS | 0C/+70C | +12V | 540MXMW | TTL | TTL | B8702A | SAB8702A-B |
| SIE | DIL-24/2C | NMOS | 0C/+70C | -5V/+12V | 800MXMW | TTL | TTL | B8708 | SAB8708-C |
| SIE | DIL-40/2P | NMOS | 0C/+70C | +5V | 1MXW | TTL | TTL | B8748 | SAB8748-B |
| SIE | DIL-40/2P | NMOS | 0C/+70C | +5V | 1MXW | TTL | TTL | C8748-8 | SAB8748-8-B |
| SIE | DIL-40/2Q | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | C8755 | SAB8755-C |
| SIE | DIL-40/2Q | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | C8755 | SAB8755-8-C |
| SIE | DIL-40/2C | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | C8755 | SAB8755-8-D |
| TII | DIL-40/2C | I2LB | 0C/+70C | +0.85VMN | 160MXMA | TTL | TTL/OC | | SBP0400AC-CER. |
| TII | DIL-40/2P | I2LB | 0C/+70C | +0.85VMN | 160MXMA | TTL | TTL/OC | | SBP0400AC-PLAS. |
| TII | DIL-40/2C | I2LB | -55C/+125C | +0.85VMN | 165MXMA | TTL | TTL/OC | | SBP0400AM |
| TII | DIL-40/2C | I2LB | 0C/+70C | +0.85VMN | 160MXMA | TTL | TTL/OC | | SBP0400C-CER. |
| TII | DIL-40/2P | I2LB | 0C/+70C | +0.85VMN | 160MXMA | TTL | TTL/OC | | SBP0400C-PLAS. |
| TII | DIL-40/2C | I2LB | -55C/+125C | +0.85VMN | 165MXMA | TTL | TTL/OC | | SBP0400M |
| TII | DIL-40/2C | I2LB | 0C/+70C | +0.85VMN | 160MXMA | TTL | TTL/OC | | SBP0401AC-CER. |
| TII | DIL-40/2P | I2LB | 0C/+70C | +0.85VMN | 160MXMA | TTL | TTL/OC | | SBP0401AC-PLAS. |
| TII | DIL-40/2C | I2LB | -55C/+125C | +0.85VMN | 165MXMA | TTL | TTL/OC | | SBP0401AM |
| TII | DIL-24/2P | I2L | 0C/+70C | +5V | 160MXMA | TTL | TTL | P8316A | SBP8316CN |
| TII | DIL-24/2C | I2L | -55C/+125C | +5V | 160MXMA | TTL | TTL | EA8316ADL | SBP8316MJ |
| TII | DIL-24/2P | I2L | 0C/+70C | +5V | 160MXMA | TTL | TTL | SBP9818MJ | SBP9818CN |
| TII | DIL-24/2C | I2L | -55C/+125C | +5V | 160MXMA | TTL | TTL | | SBP9818MJ |
| TII | DIL-64/3C | I2L | -55C/+125C | 1.5V TO 30V | 550MXMA | TTL | TTL | | SBP9900 |
| TII | DIL-64/3C | I2L | 0C/+70C | 1.5V TO 30V | 550MXMA | TTL | TTL | | SBP9900A |
| TII | DIL-64/3C | I2L | -40C/+85C | 1.5V TO 30V | 550MXMA | TTL | TTL | | SBP9900E |
| TII | DIL-64/3C | I2L | -55C/+125C | 1.5V TO 30V | 550MXMA | TTL | TTL | | SBP9900M |
| TII | DIL-64/3C | I2L | -55C/+125C | 1.5V TO 30V | 550MXMA | TTL | TTL | | SBP9900N |
| TII | DIL-28/2C | I2L | 0C/+70C | +5V | 77MXMA | TTL | TTL | SBP9960EJ | SBP9960CJ |
| TII | DIL-28/2C | I2L | -40C/+85C | +5V | 77MXMA | TTL | TTL | SBP9960MJ | SBP9960EJ |
| TII | DIL-28/2C | I2L | -55C/+125C | +5V | 77MXMA | TTL | TTL | SBP9960NJ | SBP9960MJ |
| TII | DIL-28/2C | I2L | -55C/+125C | +5V | 77MXMA | TTL | TTL | | SBP9960NJ |
| TII | DIL-40/2C | I2L | 0C/+70C | +5V | 145MXMA | TTL | TTL | SBP9961EJ | SBP9961CJ |
| TII | DIL-40/2C | I2L | -40C/+85C | +5V | 145MXMA | TTL | TTL | SBP9961MJ | SBP9961EJ |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| SBP9961MJ | ITRPC | 16-BIT | INTERRUPT-CONTROLLER-TIMER | SBPTMS9900 |
| SBP9961NJ | ITRPC | 16-BIT | INTERRUPT-CONTROLLER-TIMER/HIGH REL. VERSION | SBPTMS9900 |
| SBP9964 | TIMER | 14-BIT | TIMING CONTROLLER FOR SBP9900A | SBP9900A |
| SBP9965 | PIA | 16-BIT | PERIPHERAL INTERFACE ADAPTER | SBP9900 |
| SC/MP | MPU | 8-BIT | 1-CHIP MICROPROCESSOR FOR SC/MP FAMILY (APP. B)/=ISP8A/500D | SC/MP |
| SC/MP-1 | MPU | 8-BIT | 1-CHIP MICROPROCESSOR FOR SC/MP FAMILY (APP. B)/=ISP8A/500D | SC/MP |
| SC/MP-I | MPU | 8-BIT | 1-CHIP MICROPROCESSOR FOR SC/MP FAMILY (APP. B)/=ISP8A/500D | SC/MP |
| SC/MP-II (D) | MPU | 8-BIT | 1-CHIP MICROPROCESSOR FOR SC/MP-II FAMILY (APP. B) | SC/MP-II |
| SC/MP-II (N) | MPU | 8-BIT | 1-CHIP MICROPROCESSOR FOR SC/MP-II FAMILY (APP. B) | SC/MP-II |
| SC/MP-2 (D) | MPU | 8-BIT | 1-CHIP MICROPROCESSOR FOR SC/MP-II FAMILY (APP. B) | SC/MP-II |
| SC/MP-2 (N) | MPU | 8-BIT | 1-CHIP MICROPROCESSOR FOR SC/MP-II FAMILY (APP. B) | SC/MP-II |
| SEMI4104ACC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/5X 5Y 1CS ADDRESS LINES/NON-INV O-P. | GEN. PURP. |
| SEMI4104ACP | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/5X 5Y 1CS ADDRESS LINES/NON-INV O-P. | GEN. PURP. |
| SEMI4104BCC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES/NON-INV O-P. | GEN. PURP. |
| SEMI4104BCP | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES/NON-INV O-P. | GEN. PURP. |
| SEMI4200ACC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SEMI4200ACP | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SEMI4200BCC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SEMI4200BCP | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SEMI4801ACC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/5X 5Y 2CS 1CE ADDRESS LINES | GEN. PURP. |
| SEMI4801BCC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 400NS/5X 5Y 2CS 1CE ADDRESS LINES | GEN. PURP. |
| SEMI4801UCC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 600NS/5X 5Y 2CS 1CE ADDRESS LINES | GEN. PURP. |
| SEMI4804ACC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| SEMI4804BCC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 400NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| SEMI4804UCC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 600NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| SFC54LS181JM | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| SFC74LS181E | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| SFC54148JM | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| SFC54181JM | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| SFC71301-AE | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS | GEN. PURP. |
| SFC71301-AK | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS | GEN. PURP. |
| SFC71301E | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS | GEN. PURP. |
| SFC71301K | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 50NS | GEN. PURP. |
| SFC71604K | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS | GEN. PURP. |
| SFC74148E | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| SFC74181E | ALU | 4-BIT | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | GEN. PURP. |
| SFC92901AE | CPU | 4-BIT | 4-BIT SLICE PROCESSOR OF 2900 FAM./MAX. CLOCK 15MHZ | 2900 |
| SFC92901AK | CPU | 4-BIT | 4-BIT SLICE PROCESSOR OF 2900 FAM./MAX. CLOCK 15MHZ | 2900 |
| SFC92901AKM | CPU | 4-BIT | 4-BIT SLICE PROCESSOR OF 2900 FAM./MAX. CLOCK 15MHZ | 2900 |
| SFC92901E | CPU | 4-BIT | 4-BIT SLICE PROCESSOR OF 2900 FAM./MAX. CLOCK 9.5MHZ | 2900 |
| SFC92901K | CPU | 4-BIT | 4-BIT SLICE PROCESSOR OF 2900 FAMILY (APP. B)/MAX. CLOCK 9.5MHZ | 2900 |
| SFC92901KM | CPU | 4-BIT | 4-BIT SLICE PROCESSOR OF 2900 FAMILY (APP. B)/MAX. CLOCK 8.3MHZ | 2900 |
| SFC92902E | LAHCG | 4-BIT | FAST LOOK-AHEAD CARRY GENERATOR OF 2900 FAM. | 2900 |
| SFC92902K | LAHCG | 4-BIT | FAST LOOK-AHEAD CARRY GENERATOR OF 2900 FAMILY (APP. B) | 2900 |
| SFC92902KM | LAHCG | 4-BIT | FAST LOOK-AHEAD CARRY GENERATOR OF 2900 FAMILY (APP. B) | 2900 |
| SFC92905E | TRCVR | 4-BIT | BUS TRANSCEIVER FOR 2900 FAM./QUAD 2-INPUT | 2900 |
| SFC92905K | TRCVR | 4-BIT | BUS TRANSCEIVER FOR 2900 FAMILY (APP. B)/QUAD 2-INPUT | 2900 |
| SFC92905KM | TRCVR | 4-BIT | BUS TRANSCEIVER FOR 2900 FAMILY (APP. B)/QUAD 2-INPUT | 2900 |
| SFC92906E | TRCVR | 4-BIT | BUS TRANSCEIVER FOR 2900 FAM./QUAD 2-INPUT/PARITY | 2900 |
| SFC92906K | TRCVR | 4-BIT | BUS TRANSCEIVER FOR 2900 FAMILY (APP. B)/QUAD 2-INPUT/PARITY | 2900 |
| SFC92906KM | TRCVR | 4-BIT | BUS TRANSCEIVER FOR 2900 FAMILY (APP. B)/QUAD 2-INPUT/ PARITY | 2900 |
| SFC92907E | TRCVR | 4-BIT | BUS TRANSCEIVER FOR 2900 FAM./QUAD-INPUT/PARITY | 2900 |
| SFC92907K | TRCVR | 4-BIT | BUS TRANSCEIVER FOR 2900 FAMILY (APP. B)/QUAD INPUT/ PARITY | 2900 |
| SFC92907KM | TRCVR | 4-BIT | BUS TRANSCEIVER FOR 2900 FAMILY (APP. B)/QUAD INPUT/ PARITY | 2900 |
| SFC92909E | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 2900 FAM. | 2900 |
| SFC92909K | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 2900 FAMILY (APP. B) | 2900 |
| SFC92909KM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 2900 FAMILY (APP. B) | 2900 |
| SFC92910K | MCU | 8-BIT | MICROPROGRAM CONTROL UNIT FOR 2900 FAM./12-BIT (4096) ADDRESSES | 2900 |
| SFC92911E | SQNCR | 4-BIT | MINI MICROPROGRAM SEQUENCER FOR 2900 FAM. | 2900 |
| SFC92911K | SQNCR | 4-BIT | MINI MICROPROGRAM SEQUENCER FOR 2900 FAMILY (APP. B) | 2900 |
| SFC92911KM | SQNCR | 4-BIT | MINI MICROPROGRAM SEQUENCER FOR 2900 FAMILY (APP. B) | 2900 |
| SFC92913E | ITRPC | 8-BIT | INTERRUPT EXPANDER FOR SFC92914K | 2900 |
| SFC92913K | ITRPC | 8-BIT | INTERRUPT EXPANDER FOR SFC92914K | 2900 |
| SFC92913KM | ITRPC | 8-BIT | INTERRUPT EXPANDER FOR AM2914 | 2900 |
| SFC92914E | ITRPC | 8-BIT | VECTORED INTERRUPT CONTROLLER/8-LEVEL/FOR 2900 FAM. | 2900 |
| SFC92914K | ITRPC | 8-BIT | VECTORED INTERRUPT CONTROLLER/8-LEVEL/FOR 2900 FAMILY (APP. B) | 2900 |
| SFC92914KM | ITRPC | 8-BIT | VECTORED INTERRUPT CONTROLLER/8-LEVEL/FOR 2900 FAMILY (APP. B) | 2900 |
| SFC92915AE | UART | 4-BIT | QUAD HIGH SPEED BUS TRANSCEIVER/3-STATE BUS DVR. | 2900 |
| SFC92915AK | UART | 4-BIT | QUAD HIGH SPEED BUS TRANSCEIVER/3-STATE BUS DVR. | 2900 |
| SFC92915AKM | UART | 4-BIT | QUAD HIGH SPEED BUS TRANSCEIVER/3-STATE BUS DVR. | 2900 |
| SFC92916AE | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| SFC92916AK | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| SFC92916AKM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| SFC92917AE | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| SFC92917AK | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|-------------|----------------------|
| TII | DIL-40/2C | I2L | -55C/+125C | . . . +5V | 145MXMA | . TTL | . TTL | SBP9961NJ | SBP9961MJ |
| TII | DIL-40/2C | I2L | -55C/+125C | . . . +5V | 145MXMA | . TTL | . TTL | . . . | SBP9961NJ |
| TII | DIL-20/2C | I2L | -55C/+125C | . . . +5V | . . . | . TTL | TTL/OC | . . . | SBP9964 |
| TII | DIL-40/2C | I2L | -55C/+125C | . . . +5V | . . . | . TTL | TTL/OC | . . . | SBP9965 |
| NAT | DIL-40/2C | PMOS | OC/+70C | . -7V/+5V | 135MXMA | . TTL | TTL/TS | . . . | SC/MP |
| NAT | DIL-40/2C | PMOS | OC/+70C | . -7V/+5V | 135MXMA | . TTL | TTL/TS | . . . | SC/MP-1 |
| NAT | DIL-40/2C | PMOS | OC/+70C | . -7V/+5V | 135MXMA | . TTL | TTL/TS | . . . | SC/MP-I |
| NAT | DIL-40/2C | NMOS | OC/+70C | . . . +5V | 45MXMA | . TTL | TTL/TS | SC/MP-II(N) | SC/MP-II(D) |
| NAT | DIL-40/2P | NMOS | OC/+70C | . . . +5V | 45MXMA | . TTL | TTL/TS | SC/MP-II(D) | SC/MP-II(N) |
| NAT | DIL-40/2C | NMOS | OC/+70C | . . . +5V | 45MXMA | . TTL | TTL/TS | . . . | SC/MP-2(D) |
| NAT | DIL-40/2C | NMOS | OC/+70C | . . . +5V | 45MXMA | . TTL | TTL/TS | . . . | SC/MP-2(D) |
| EMM | DIL-22/4C | NMOS | OC/+70C | . -5V/+5V/+12V | 50MXMA | . TTL | TTL/TS | . . . | SEMI4104ACC |
| EMM | DIL-22/4P | NMOS | OC/+70C | . -5V/+5V/+12V | 50MXMA | . TTL | TTL/TS | . . . | SEMI4104ACP |
| EMM | DIL-22/4C | NMOS | OC/+70C | . -5V/+5V/+12V | 55MXMA | . TTL | TTL/TS | . . . | SEMI4104BCC |
| EMM | DIL-22/4P | NMOS | OC/+70C | . -5V/+5V/+12V | 55MXMA | . TTL | TTL/TS | . . . | SEMI4104BCP |
| EMM | DIL-22/4C | NMOS | OC/+70C | . -5V/+5V/+12V | 50MXMA | . TTL | TTL/TS | uPD410D | SEMI4200ACC |
| EMM | DIL-22/4P | NMOS | OC/+70C | . -5V/+5V/+12V | 50MXMA | . TTL | TTL/TS | uPD410D | SEMI4200ACP |
| EMM | DIL-22/4C | NMOS | OC/+70C | . -5V/+5V/+12V | 55MXMA | . TTL | TTL/TS | uPD410D-2 | SEMI4200BCC |
| EMM | DIL-22/4P | NMOS | OC/+70C | . -5V/+5V/+12V | 55MXMA | . TTL | TTL/TS | uP410D-2 | SEMI4200BCP |
| EMM | DIL-18/1C | NMOS | OC/+70C | . . . +5V | 100MXMA | . TTL | TTL/TS | . . . | SEMI4801ACC |
| EMM | DIL-18/1C | NMOS | OC/+70C | . . . +5V | 100MXMA | . TTL | TTL/TS | . . . | SEMI4801BCC |
| EMM | DIL-18/1C | NMOS | OC/+70C | . . . +5V | 100MXMA | . TTL | TTL/TS | . . . | SEMI4801UCC |
| EMM | DIL-18/1C | NMOS | OC/+70C | . . . +5V | 100MXMA | . TTL | TTL/TS | . . . | SEMI4804ACC |
| EMM | DIL-18/1C | NMOS | OC/+70C | . . . +5V | 100MXMA | . TTL | TTL/TS | . . . | SEMI4804BCC |
| EMM | DIL-18/1C | NMOS | OC/+70C | . . . +5V | 100MXMA | . TTL | TTL/TS | . . . | SEMI4804UCC |
| THC | DIL-24/2C | LSTB | -55C/+125C | . . . +5V | 35MXMA | . TTL | . TTL | AM54LS181J | SFC54LS181JM |
| THC | DIL-24/2P | LSTB | OC/+70C | . . . +5V | 37MXMA | . TTL | TTL/OC | AM74LS181J | SFC74LS181E |
| THC | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 190TPMW | . TTL | . TTL | SN54148JM | SFC54148JM |
| THC | DIL-24/2C | LSTB | -55C/+125C | . . . +5V | 35MXMA | . TTL | . TTL | AM54181J | SFC54181JM |
| THC | DIL-16/1P | STLB | OC/+70C | . . . +5V | . . . | . TTL | TTL/OC | . . . | SFC71301-AE |
| THC | DIL-16/1C | STLB | OC/+70C | . . . +5V | . . . | . TTL | TTL/OC | . . . | SFC71301-AK |
| THC | DIL-16/1P | STLB | OC/+70C | . . . +5V | . . . | . TTL | TTL/TS | . . . | SFC71301E |
| THC | DIL-16/1C | STLB | OC/+70C | . . . +5V | . . . | . TTL | TTL/TS | . . . | SFC71301K |
| THC | DIL-24/2C | STTL | OC/+70C | . . . +5V | . . . | . TTL | TTL/OC | . . . | SFC71604K |
| THC | DIL-16/1P | TTLB | OC/+70C | . . . +5V | 190TPMW | . TTL | . TTL | SN74148N | SFC74148E |
| THC | DIL-24/2P | TTLB | OC/+70C | . . . +5V | 455TPMW | . TTL | TTL/OC | AM74S181J | SFC74181E |
| THC | DIL-40/2P | LSTB | OC/+70C | . . . +5V | 265MXMA | . TTL | TTL/TS | AM2901APC | SFC92901AE |
| THC | DIL-40/2C | LSTB | OC/+70C | . . . +5V | 265MXMA | . TTL | TTL/TS | AM2901ADC | SFC92901AK |
| THC | DIL-40/2C | LSTB | -55C/+125C | . . . +5V | 280MXMA | . TTL | TTL/TS | AM2901ADM | SFC92901AKM |
| THC | DIL-40/2P | LSTB | OC/+70C | . . . +5V | 280MXMA | . TTL | TTL/TS | AM2901PC | SFC92901E |
| THC | DIL-40/2C | LSTB | OC/+70C | . . . +5V | 280MXMA | . TTL | TTL/TS | MC2901ALC | SFC92901K |
| THC | DIL-40/2C | LSTB | -55C/+125C | . . . +5V | 280MXMA | . TTL | TTL/TS | MC2901ALM | SFC92901KM |
| THC | DIL-16/1P | LSTB | OC/+70C | . . . +5V | 94MXMA | . TTL | . TTL | AM2902DC | SFC92902E |
| THC | DIL-16/1C | LSTB | OC/+70C | . . . +5V | 94MXMA | . TTL | . TTL | MC2902LC | SFC92902K |
| THC | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 99MXMA | . TTL | . TTL | MC2902LM | SFC92902KM |
| THC | DIL-24/2P | LSTB | OC/+70C | . . . +5V | 105MXMA | . TTL | TXOC/RXTS | AM2905DC | SFC92905E |
| THC | DIL-24/2C | LSTB | OC/+70C | . . . +5V | 105MXMA | . TTL | TXOC/RXTS | MC2905LC | SFC92905K |
| THC | DIL-24/2C | LSTB | -55C/+125C | . . . +5V | 105MXMA | . TTL | TXOC/RXTS | MC2905LM | SFC92905KM |
| THC | DIL-24/2P | LSTB | OC/+70C | . . . +5V | 105MXMA | . TTL | TXOC/RXOC | AM2906PC | SFC92906E |
| THC | DIL-24/2C | LSTB | OC/+70C | . . . +5V | 105MXMA | . TTL | TXOC/RXOC | MC2906LC | SFC92906K |
| THC | DIL-24/2C | LSTB | -55C/+125C | . . . +5V | 105MXMA | . TTL | TXOC/RXOC | MC2906LM | SFC92906KM |
| THC | DIL-20/1P | LSTB | OC/+70C | . . . +5V | 110MXMA | . TTL | TXOC/RXTS | AM2907PC | SFC92907E |
| THC | DIL-20/1C | LSTB | OC/+70C | . . . +5V | 110MXMA | . TTL | TXOC/RXTS | MC2907LC | SFC92907K |
| THC | DIL-20/1C | LSTB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TXOC/RXTS | MC2907LM | SFC92907KM |
| THC | DIL-28/2P | LSTB | OC/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2909PC | SFC92909E |
| THC | DIL-28/2C | LSTB | OC/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | MC2909LC | SFC92909K |
| THC | DIL-28/2C | LSTB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | MC2909LM | SFC92909KM |
| THC | DIL-40/2C | TTLB | OC/+70C | . . . +5V | . . . | . TTL | . TTL | MC2910L | SFC92910K |
| THC | DIL-20/1P | LSTB | OC/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | AM2911PC | SFC92911E |
| THC | DIL-20/1C | LSTB | OC/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | MC2911LC | SFC92911K |
| THC | DIL-20/1C | LSTB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/TS | MC2911LM | SFC92911KM |
| THC | DIL-20/1P | LSTB | OC/+70C | . . . +5V | . . . | . TTL | TTL/TS | AM2913DC | SFC92913E |
| THC | DIL-20/4C | LSTB | OC/+70C | . . . +5V | . . . | . TTL | TTL/TS | AM2913DC | SFC92913K |
| THC | DIL-20/4C | LSTB | -55C/+125C | . . . +5V | . . . | . TTL | TTL/TS | AM2913DM | SFC92913KM |
| THC | DIL-40/2P | LSTB | OC/+70C | . . . +5V | . . . | . TTL | . TTL | AM2914PC | SFC92914E |
| THC | DIL-40/2C | LSTB | OC/+70C | . . . +5V | . . . | . TTL | . TTL | AM2914DC | SFC92914K |
| THC | DIL-40/2C | LSTB | -55C/+125C | . . . +5V | . . . | . TTL | . TTL | AM2914DC | SFC92914KM |
| THC | DIL-24/2P | LSTB | OC/+70C | . . . +5V | 90MXMA | . TTL | . TTL | AM2915APC | SFC92915AE |
| THC | DIL-24/2C | LSTB | OC/+70C | . . . +5V | 90MXMA | . TTL | . TTL | AM2915ADC | SFC92915AK |
| THC | DIL-24/2C | LSTB | -55C/+125C | . . . +5V | 90MXMA | . TTL | . TTL | AM2915ADM | SFC92915AKM |
| THC | DIL-24/2P | LSTB | OC/+70C | . . . +5V | 110MXMA | . TTL | . TTL | AM2916APC | SFC92916AE |
| THC | DIL-24/2C | LSTB | OC/+70C | . . . +5V | 110MXMA | . TTL | . TTL | AM2916ADC | SFC92916AK |
| THC | DIL-24/2P | LSTB | -55C/+125C | . . . +5V | 110MXMA | . TTL | . TTL | AM2916ADM | SFC92916AKM |
| THC | DIL-20/1P | LSTB | OC/+70C | . . . +5V | 95MXMA | . TTL | . TTL | AM2917APC | SFC92917AE |
| THC | DIL-20/1C | LSTB | OC/+70C | . . . +5V | 95MXMA | . TTL | . TTL | AM2917ADC | SFC92917AK |

| DEVICE TYPE NO | FUNCI ON app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| SFC92917AKM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| SFC92918E | DREGR | 4-BIT | ONE-BY-ONE PORT REGISTER FOR 2900 FAM. | 2900 |
| SFC92918K | DREGR | 4-BIT | ONE-BY-ONE PORT REGISTER FOR 2900 FAMILY (APP. B) | 2900 |
| SFC92918KM | DREGR | 4-BIT | ONE-BY-ONE PORT REGISTER FOR 2900 FAMILY (APP. B) | 2900 |
| SFC92919E | DREGR | 4-BIT | QUAD D-REG. WITH TWO 3-STATE OUTPUT PORTS/75MHZ CLOCK | 2900 |
| SFC92920E | DREGR | 8-BIT | OCTAL D-TYPE FLIP-FLOP WITH CLEAR/8-BIT PARALLEL REG./40MHZ TYP. | 2900 |
| SFC92921E | DECDR | 8-BIT | 3-TO-8 LINE DECODER DEMULTIPLEXER/POL. CONTROL/12NS TYP. PROP. N. | 2900 |
| SFC92922E | MUX | . | 8-TO-1 LINE MUX./POLARITY CONTROL/12NS TYP. PROP. N. | 2900 |
| SFC92930E | MEMCT | . | 4-BIT ADDRESS CONTROLLER FOR MEMORIES/PROGRM CNTRL UNIT/32 INSTN | 2900 |
| SFC92930K | MEMCT | . | 4-BIT ADDRESS CONTROLLER FOR MEMORIES/PROGRM CNTRL UNIT/32 INSTN | 2900 |
| SFC92930KM | MEMCT | . | 4-BIT ADDRESS CONTROLLER FOR MEMORIES/PROGRM CNTRL UNIT/32 INSTN | 2900 |
| SFC92931E | MEMCT | . | 4-BIT ADDRESS CONTROLLER FOR MEMORIES/PROGRM CNTRL UNIT/16 INSTN | 2900 |
| SFC92931K | MEMCT | . | 4-BIT ADDRESS CONTROLLER FOR MEMORIES/PROGRM CNTRL UNIT/16 INSTN | 2900 |
| SFC92931KM | MEMCT | . | 4-BIT ADDRESS CONTROLLER FOR MEMORIES/PROGRM CNTRL UNIT/16 INSTN | 2900 |
| SFC92932E | MEMCT | . | 4-BIT ADDRESS CONTROLLER FOR MEMORIES/PROGRM CNTRL UNIT/16 INSTN | 2900 |
| SFC92932K | MEMCT | . | 4-BIT ADDRESS CONTROLLER FOR MEMORIES/PROGRM CNTRL UNIT/16 INSTN | 2900 |
| SFC92932KM | MEMCT | . | 4-BIT ADDRESS CONTROLLER FOR MEMORIES/PROGRM CNTRL UNIT/16 INSTN | 2900 |
| SFF717A08K | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 300NS/7X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF717A16K | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/6X 5Y 1CS ADD. LINES/150MW STANDBY | GEN. PURP. |
| SFF821L14E20 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF821L14E25 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF821L14E30 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF821L14E45 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF821L14K20 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF821L14K25 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF821L14K30 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF821L14K45 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF866L41K30 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF866L41K45 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF968A00E | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B)/1.5MHZ | 6800 |
| SFF968A00EV | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B)/1.5MHZ | 6800 |
| SFF968A00K | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B)/1.5MHZ | 6800 |
| SFF968A00KV | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B)/1.5MHZ | 6800 |
| SFF968A10E | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 68A00 | 6800 |
| SFF968A10EV | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 68A00 | 6800 |
| SFF968A10K | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 68A00 | 6800 |
| SFF968A10KV | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 360NS/7 ADDRESS 6CS LINES/FOR 1.5MHZ 68A00 | 6800 |
| SFF968A21E | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/1.5MHZ VERSION | 6800 |
| SFF968A21EV | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/1.5MHZ VERSION | 6800 |
| SFF968A21K | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/1.5 | 6800 |
| SFF968A21KV | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/1.5MHZ VERSION | 6800 |
| SFF968A40E | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1.5MHZ VERSION | 6800 |
| SFF968A40EV | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1.5MHZ VERSION | 6800 |
| SFF968A40K | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1.5MHZ VERSION | 6800 |
| SFF968A40KV | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1.5MHZ VERSION | 6800 |
| SFF968A44E | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/1MHZ STANDARD | 6800 |
| SFF968A44EV | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/1.5MHZ VERSION | 6800 |
| SFF968A44K | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/1.5MHZ VERSION | 6800 |
| SFF968A44KV | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/1.5MHZ VERSION | 6800 |
| SFF968A50E | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1.5MHZ VERSION | 6800 |
| SFF968A50EV | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1.5MHZ VERSION | 6800 |
| SFF968A50K | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1.5MHZ VERSION | 6800 |
| SFF968A50KV | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1.5MHZ VERSION | 6800 |
| SFF968A52E | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSION | 6800 |
| SFF968A52EV | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSION | 6800 |
| SFF968A52K | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSION | 6800 |
| SFF968A52KV | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1.5MHZ VERSION | 6800 |
| SFF968A54E | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |
| SFF968A54EV | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |
| SFF968A54K | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |
| SFF968A54KV | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1.5MHZ CLOCK FREQUENCY | 6800 |
| SFF968A316EE | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | 6800 |
| SFF968A316EC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | 6800 |
| SFF968B00E | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B)/2MHZ | 6800 |
| SFF968B00K | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B)/2MHZ | 6800 |
| SFF968B10E | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 250NS/7 ADDRESS 6CS LINES/FOR 2MHZ 68B00 | 6800 |
| SFF968B10K | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 250NS/7 ADDRESS 6CS LINES/FOR 2MHZ 68B00 | 6800 |
| SFF968B21E | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/2MHZ VERSION | 6800 |
| SFF968B21K | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/2MHZ VERSION | 6800 |
| SFF968B40E | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./2MHZ VERSION | 6800 |
| SFF968B40K | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./2MHZ VERSION | 6800 |
| SFF968B44E | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/2MHZ VERSION | 6800 |
| SFF968B44K | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/2MHZ VERSION | 6800 |
| SFF968B50E | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/2MHZ VERSION | 6800 |
| SFF968B50K | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/2MHZ VERSION | 6800 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|-------------|----------------|
| THC | DIL-20/1C | LSTB | -55C/+125C | . . +5V | 95MXMA | . TTL | . TTL | AM2917ADM | SFC92917AKM |
| THC | DIL-16/1P | LSTB | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL+TS | AM2918PC | SFC92918E |
| THC | DIL-16/1C | LSTB | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL+TS | AM2918DC | SFC92918K |
| THC | DIL-16/1C | LSTB | -55C/+125C | . . +5V | 120MXMA | . TTL | TTL+TS | AM2918DM | SFC92918KM |
| THC | DIL-20/1P | STLB | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL/TS+TS | AM2919DC | SFC92919E |
| THC | DIL-22/4P | LSTB | 0C/+70C | . . +5V | . . . | . TTL | TTL/TS | . . . | SFC92920E |
| THC | DIL-20/1P | LSTB | 0C/+70C | . . +5V | . . . | . TTL | TTL/TS | AM2921PC | SFC92921E |
| THC | DIL-20/1P | LSTB | 0C/+70C | . . +5V | . . . | . TTL | TTL/TS | AM2922PC | SFC92922E |
| THC | DIL-28/2P | LSTB | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AM2930PC | SFC92930E |
| THC | DIL-28/2C | LSTB | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AM2930DC | SFC92930K |
| THC | DIL-28/2C | LSTB | -55C/+125C | . . +5V | . . . | . TTL | . TTL | AM2930DM | SFC92930KM |
| THC | DIL-20/1P | LSTB | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AM2931PC | SFC92931E |
| THC | DIL-20/1C | LSTB | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AM2931DC | SFC92931K |
| THC | DIL-20/1C | LSTB | -55C/+125C | . . +5V | . . . | . TTL | . TTL | AM2931DM | SFC92931KM |
| THC | DIL-20/1P | LSTB | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AM2932PC | SFC92932E |
| THC | DIL-20/1C | LSTB | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AM2932DC | SFC92932K |
| THC | DIL-20/1C | LSTB | -55C/+125C | . . +5V | . . . | . TTL | . TTL | AM2932DM | SFC92932KM |
| THC | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | MM2708Q-1 | SFF717A09K |
| THC | DIL-24/2Q | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | B2716-1 | SFF717A16K |
| THC | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | P2114L-2 | SFF821L14E20 |
| THC | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | P2114L-2 | SFF821L14E25 |
| THC | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | P2114L-3 | SFF821L14E30 |
| THC | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | P2114L | SFF821L14E45 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | D2114L-2 | SFF821L14K20 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | D2114L-2 | SFF821L14K25 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | D2114L-3 | SFF821L14K30 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | D2114L | SFF821L14K45 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 77MXMA | . TTL | TTL/TS | D2141L-3 | SFF866L1K30 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 77MXMA | . TTL | TTL/TS | D2141L-3 | SFF866L1K35 |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | TTL/TS | MC68A00L | SFF968A00E |
| THC | DIL-40/2P | NMOS | -40C/+85C | . . +5V | 1MXW | . TTL | TTL/TS | MC68A00CP | SFF968A00EV |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | TTL/TS | MC68A00L | SFF968A00K |
| THC | DIL-40/2C | NMOS | -40C/+85C | . . +5V | 1MXW | . TTL | TTL/TS | MC68A00CL | SFF968A00KV |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | MCM68A10P | SFF968A10E |
| THC | DIL-24/2P | NMOS | -40C/+85C | . . +5V | 100MXMA | . TTL | TTL/TS | F68A10CP | SFF968A10EV |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | MCM68A10L | SFF968A10K |
| THC | DIL-24/2C | NMOS | -40C/+85C | . . +5V | 100MXMA | . TTL | TTL/TS | MCM68A10CL | SFF968A10KV |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | MC68A21P | SFF968A21E |
| THC | DIL-40/2P | NMOS | -40C/+85C | . . +5V | 550MXMW | . TTL | TTL/TS | F68A21CP | SFF968A21EV |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | MC68A21L | SFF968A21K |
| THC | DIL-40/2C | NMOS | -40C/+85C | . . +5V | 550MXMW | . TTL | TTL/TS | F68A21CL | SFF968A21KV |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | . TTL | F68A40P | SFF968A40E |
| THC | DIL-40/2C | NMOS | -40C/+85C | . . +5V | 550MXMW | . TTL | . TTL | F68A40CL | SFF968A40EV |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | . TTL | F68A40L | SFF968A40K |
| THC | DIL-40/2C | NMOS | -40C/+85C | . . +5V | 550MXMW | . TTL | . TTL | F68A40ML | SFF968A40KV |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 500TPMW | . TTL | . TTL | . . . | SFF968A44E |
| THC | DIL-40/2P | NMOS | -40C/+85C | . . +5V | 500TPMW | . TTL | . TTL | . . . | SFF968A44EV |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 500TPMW | . TTL | . TTL | . . . | SFF968A44K |
| THC | DIL-40/2C | NMOS | -40C/+85C | . . +5V | 500TPMW | . TTL | . TTL | . . . | SFF968A44KV |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | F68A50P | SFF968A50E |
| THC | DIL-24/2P | NMOS | -40C/+85C | . . +5V | 525MXMW | . TTL | TTL/TS | F68A50CP | SFF968A50EV |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | F68A50P | SFF968A50K |
| THC | DIL-24/2C | NMOS | -40C/+85C | . . +5V | 525MXMW | . TTL | TTL/TS | F68A50ML | SFF968A50KV |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | MC68A52P | SFF968A52E |
| THC | DIL-24/2P | NMOS | -40C/+85C | . . +5V | 525MXMW | . TTL | TTL/TS | MC68A52CP | SFF968A52EV |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | MC68A52L | SFF968A52K |
| THC | DIL-24/2C | NMOS | -40C/+85C | . . +5V | 525MXMW | . TTL | TTL/TS | MC68A52CL | SFF968A52KV |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 850MXMW | . TTL | . TTL | MC68A54P | SFF968A54E |
| THC | DIL-40/2P | NMOS | -40C/+85C | . . +5V | 850MXMW | . TTL | . TTL | MC68A54CP | SFF968A54EV |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 850MXMW | . TTL | . TTL | MC68A54L | SFF968A54K |
| THC | DIL-40/2C | NMOS | -40C/+85C | . . +5V | 850MXMW | . TTL | . TTL | MC68A54L | SFF968A54KV |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | MCM68A316EP | SFF968A316EE |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | MCM68A316EC | MCM68A316ECC |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | TTL/TS | MC68B00L | SFF968B00E |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 1MXW | . TTL | TTL/TS | MC68B00L | SFF968B00K |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | MCM68B10P | SFF968B10E |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 80MXMA | . TTL | TTL/TS | F68B10L | SFF968B10K |
| THC | DIL-20/2P | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | MC68B21P | SFF968B21E |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | TTL/TS | MC68B21L | SFF968B21K |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | . TTL | F68B40P | SFF968B40E |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 550MXMW | . TTL | . TTL | F68B40L | SFF968B40K |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 500TPMW | . TTL | . TTL | . . . | SFF968B44E |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 500TPMW | . TTL | . TTL | . . . | SFF968B44K |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | F68B50P | SFF968B50E |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | F68B50L | SFF968B50K |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| SFF968B52E | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./2MHZ VERSION | 6800 |
| SFF968B52K | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./2MHZ VERSION | 6800 |
| SFF968B54E | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/2MHZ CLOCK FREQUENCY | 6800 |
| SFF968B54K | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/2MHZ CLOCK FREQUENCY | 6800 |
| SFF70708E | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/7X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF70708K | PROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/7X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF70714E | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS | GEN. PURP. |
| SFF70714K | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS | GEN. PURP. |
| SFF71702-AK | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 1uS/8 ADDRESS, 1CS LINES | GEN. PURP. |
| SFF71702-AKT | EPROM | 8-BIT | 2K=256X8/MAX. ACCESS 650NS/8 ADDRESS, 1CS LINES | GEN. PURP. |
| SFF71708K | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/7X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF71716K | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 5Y 1CS ADD. LINES/150MM STANDBY | GEN. PURP. |
| SFF80102E | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| SFF80102K | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| SFF80112E | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| SFF81104E | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6X MULTIPLEXED 1CS ADDRESS LINES | GEN. PURP. |
| SFF81104K | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6X MULTIPLEXED 1CS ADDRESS LINES | GEN. PURP. |
| SFF81104-2E | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X MULTIPLEXED 1CS ADDRESS LINES | GEN. PURP. |
| SFF81104-2K | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X MULTIPLEXED 1CS ADDRESS LINES | GEN. PURP. |
| SFF81104-4E | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X MULTIPLEXED 1CS ADDRESS LINES | GEN. PURP. |
| SFF81104-4K | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X MULTIPLEXED 1CS ADDRESS LINES | GEN. PURP. |
| SFF82114E20 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF82114E25 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF82114E30 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF82114E45 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF82114K20 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF82114K25 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF82114K30 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF82114K45 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF84116K15 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX. ADDRESS LINES/20MM STANDBY | GEN. PURP. |
| SFF84116K20 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX. ADDRESS LINES/20MM STANDBY | GEN. PURP. |
| SFF84116K25 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MUX. ADDRESS LINES/20MM STANDBY | GEN. PURP. |
| SFF84116K30 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/7 MUX. ADDRESS LINES/20MM STANDBY | GEN. PURP. |
| SFF86641K20 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF86641K25 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF86641K30 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF86641K45 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SFF96364AE | CRTC | 8-BIT | TV CRT CONTROLLER/SIXTEEN 64-CHAR. LINE DISPLAY/625 LINE 50HZ | 6800 |
| SFF96364AK | CRTC | 8-BIT | TV CRT CONTROLLER/SIXTEEN 64-CHAR. LINE DISPLAY/625 LINE 50HZ | 6800 |
| SFF96364BE | CRTC | 8-BIT | TV CRT CONTROLLER/SIXTEEN 64-CHAR. LINE DISPLAY/525 LINE 60HZ | 6800 |
| SFF96364BK | CRTC | 8-BIT | TV CRT CONTROLLER/SIXTEEN 64-CHAR. LINE DISPLAY 525 LINE 60HZ | 6800 |
| SFF96501E | MODEM | 8-BIT | LOW SPEED MODEM/300 BAUD/FSK/HALF AND FULL DUPLEX/CCIT COMPAT. | 6800 |
| SFF96501K | MODEM | 8-BIT | LOW POWER MODEM/300 BAUD/FSK/HALF AND FULL DUPLEX/CCIT COMPAT. | 6800 |
| SFF96800E | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B)/1MHZ | 6800 |
| SFF96800EV | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B)/1MHZ | 6800 |
| SFF96800K | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAMILY (APP. B)/1MHZ | 6800 |
| SFF96800KM | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B)/1MHZ | 6800 |
| SFF96800KV | MPU | 8-BIT | CENTRAL CONTROL MICROPROCESSOR OF 6800 FAM. (APP. B)/1MHZ | 6800 |
| SFF96801E | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 128X8 RAM- 2048X8 ROM- 34 IO LINES | 6801 |
| SFF96801K | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 128X8 RAM- 2048X8 ROM- 34 IO LINES | 6801 |
| SFF96802K | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./WITH 6846 GIVES 2-CHP SYSTEM | 6802 |
| SFF96802E | MPU | 8-BIT | MPU WITH ON-CHIP RAM AND CLOCK OSC./WITH 6846 GIVES 2-CHP SYSTEM | 6802 |
| SFF96803E | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 128X8 RAM- 34 IO/ROMLESS 6801/INT. CLK | 6801 |
| SFF96803K | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INT. 128X8 RAM- 34 IO/ROMLESS 6801/INT. CLK | 6801 |
| SFF96808E | MPU | 8-BIT | CPU OF 6800 FAM./ON-CHIP-CLOCK VERSION OF 6800 | 6800 |
| SFF96808K | MPU | 8-BIT | CPU OF 6800 FAM./ON-CHIP-CLOCK VERSION OF 6800 | 6800 |
| SFF96810AE | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES | 6800 |
| SFF96810AK | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES | 6800 |
| SFF96810E | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| SFF96810EV | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| SFF96810K | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| SFF96810KM | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| SFF96810KV | SRAM | 8-BIT | 1K=128X8/MAX. ACCESS 450NS/7 ADDRESS 6CS LINES/FOR 1MHZ 6800 | 6800 |
| SFF96820E | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAMILY (APP. B) | 6800 |
| SFF96820K | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER FOR 6800 FAMILY (APP. B) | 6800 |
| SFF96821E | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/BASIC 1MHZ VERSION | 6800 |
| SFF96821EV | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/BASIC 1MHZ VERSION | 6800 |
| SFF96821K | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/BASIC 1MHZ VERSION | 6800 |
| SFF96821KM | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/BASIC 1MHZ VERSION | 6800 |
| SFF96821KV | PIA | 8-BIT | PERIPHERAL INTERFACE ADAPTER/BASIC 1MHZ VERSION | 6800 |
| SFF96828E | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER | 6800 |
| SFF96828K | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER | 6800 |
| SFF96830AE | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 4CS LINES | 6800 |
| SFF96830AK | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 4CS LINES | 6800 |
| SFF96830K7 | MROM | 8-BIT | MIKBUG/DIAGNOSTIC DEBUG PROGRAM AND SYSTEM MONITOR/MINTBUG 1 | 6800 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|-------------|----------------|
| THC | DIL-24/2P | NMOS | 0C/+75C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC68B52P | SFF968B52E |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC68B52L | SFF968B52K |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 850MXMW | . TTL | TTL | MC68B54P | SFF968B54E |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 850MXMW | . TTL | TTL | MC68B54L | SFF968B54E |
| THC | DIL-24/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | P2708 | SFF70708K |
| THC | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | C2708 | SFF70708K |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | SFF70714K | SFF70714E |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | SFF70714K | SFF70714E |
| THC | DIL-24/2Q | PMOS | 0C/+70C | -9V/-9V/+5V | 50MXMA | . TTL | TTL/TS | B1702A | SFF71702-AK |
| THC | DIL-24/2Q | PMOS | -25C/+85C | -9V/-9V/+5V | 50MXMA | . TTL | TTL/TS | . . . | SFF71702-AKT |
| THC | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | B2708 | SFF71708K |
| THC | DIL-24/2Q | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | B2716 | SFF71716K |
| THC | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | P2102A-4 | SFF80102E |
| THC | DIL-16/1C | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | D2102A-4 | SFF80102K |
| THC | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | P2112A-4 | SFF80112E |
| THC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | . TTL | TTL/TS | D2104A | SFF81104E |
| THC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | . TTL | TTL/TS | D2104A | SFF81104K |
| THC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | . TTL | TTL/TS | D2104A-2 | SFF81104-2E |
| THC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | . TTL | TTL/TS | D2104A-2 | SFF81104-2K |
| THC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | . TTL | TTL/TS | D2104A-4 | SFF81104-4E |
| THC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | . TTL | TTL/TS | D2104A-4 | SFF81104-4K |
| THC | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | P2114-2 | SFF82114E20 |
| THC | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | P2114-2 | SFF82114E25 |
| THC | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | P2114-3 | SFF82114E30 |
| THC | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | P2114 | SFF82114E45 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | D2114-2 | SFF82114K20 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | D2114-2 | SFF82114K25 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | D2114-3 | SFF82114K30 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | D2114 | SFF82114K45 |
| THC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | . TTL | TTL/TS | MK4116J-2 | SFF84116K15 |
| THC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | . TTL | TTL/TS | MK4116J-3 | SFF84116K20 |
| THC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | . TTL | TTL/TS | MCM4116C-25 | SFF84116K25 |
| THC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | . TTL | TTL/TS | MCM4116C-30 | SFF84116K30 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | D2141-4 | SFF86641K20 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | D2141-5 | SFF86641K25 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | D2141-4 | SFF86641K30 |
| THC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | D2141-5 | SFF86641K45 |
| THC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL | . . . | SFF96364AE |
| THC | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL | . . . | SFF96364AK |
| THC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL | . . . | SFF96364BE |
| THC | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL | . . . | SFF96364BK |
| THC | DIL-16/1P | CMOS | 0C/+70C | +3V TO +15V | . . . | CMOS | CMOS | . . . | SFF96501E |
| THC | DIL-16/1C | CMOS | 0C/+70C | +3V TO +15V | . . . | CMOS | CMOS | . . . | SFF96501K |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 1.2MXW | . TTL | TTL/TS | MC6800P | SFF96800E |
| THC | DIL-40/2P | NMOS | -40C/+85C | . . . +5V | 1.2MXW | . TTL | TTL/TS | MC6800CP | SFF96800EV |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 1.2MXW | . TTL | TTL/TS | MC6800L | SFF96800K |
| THC | DIL-40/2C | NMOS | -55C/+125C | . . . +5V | 1.2MXW | . TTL | TTL/TS | MC6800BQCS | SFF96800KM |
| THC | DIL-40/2C | NMOS | -40C/+85C | . . . +5V | 1.2MXW | . TTL | TTL/TS | MC6800CL | SFF96800KV |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL | MC6801P | SFF96801E |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL | MC6801L | SFF96801K |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 1.2MXW | . TTL | TTL | MC6802L | SFF96802K |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 1.2MXW | . TTL | TTL | MC6802P | SFF96802E |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL | MC6803P | SFF96803E |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL | MC6803L | SFF96803K |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | . . . | SFF96808E |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | . . . | SFF96808K |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | MCM6810P | SFF96810AE |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | MCM6810L | SFF96810AK |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM6810P | SFF96810E |
| THC | DIL-24/2P | NMOS | -40C/+85C | . . . +5V | 100MXMA | . TTL | TTL/TS | MCM6810CL | SFF96810EV |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/TS | MCM6810L | SFF96810K |
| THC | DIL-24/2C | NMOS | -55C/+125C | . . . +5V | 100MXMA | . TTL | TTL/TS | MCM6810BJCS | SFF96810KM |
| THC | DIL-24/2C | NMOS | -40C/+85C | . . . +5V | 100MXMA | . TTL | TTL/TS | MCM6810CL | SFF96810KV |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 650MXMW | . TTL | TTL/TS | MC6820P | SFF96820E |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 650MXMW | . TTL | TTL/TS | MC6820L | SFF96820K |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 550MXMW | . TTL | TTL/TS | MC6821P | SFF96821E |
| THC | DIL-40/2P | NMOS | -40C/+85C | . . . +5V | 550MXMW | . TTL | TTL/TS | F6821ML | SFF96821EV |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 550MXMW | . TTL | TTL/TS | MC6821L | SFF96821K |
| THC | DIL-40/2C | NMOS | -55C/+125C | . . . +5V | 550MXMW | . TTL | TTL/TS | F6821ML | SFF96821KM |
| THC | DIL-40/2C | NMOS | -40C/+85C | . . . +5V | 550MXMW | . TTL | TTL/TS | F6821ML | SFF96821KV |
| THC | DIL-24/2P | TTLB | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL | MC6828P | SFF96828E |
| THC | DIL-20/2P | TTLB | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL | MC6828L | SFF96828K |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | MCM6830AP | SFF96830AE |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | MCM6830AL | SFF96830AK |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | MCM6830L7 | SFF96830K7 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| SFF96830-7E | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 4CS LINES/DEDCTD. MIKBUG | 6800 |
| SFF96830-7K | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 500NS/10 ADDRESS 4CS LINES/DEDCTD. MIKBUG | 6800 |
| SFF96832E | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/7X 4Y 3CS ADDRESS LINES | 6800 |
| SFF96832K | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/7X 4Y 3CS ADDRESS LINES | 6800 |
| SFF96832-91E | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/DEDICATED UNIVERSAL CODE CONVERTER | 6800 |
| SFF96832-91K | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 500NS/DEDICATED UNIVERSAL CODE CONVERTER | 6800 |
| SFF96840E | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1MHZ STANDARD | 6800 |
| SFF96840EV | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1MHZ STANDARD | 6800 |
| SFF96840K | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1MHZ STANDARD | 6800 |
| SFF96840KM | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1MHZ STANDARD | 6800 |
| SFF96840KV | PTM | 8-BIT | PROGRAMMABLE TIMER FOR 6800 FAM./1MHZ STANDARD | 6800 |
| SFF96843E | FLPDC | 8-BIT | FLOPPY DISK CONTROLLER/IBM3740 FORMAT | 6800 |
| SFF96843K | FLPDC | 8-BIT | FLOPPY DISK CONTROLLER/IBM3740 FORMAT | 6800 |
| SFF96844E | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/1MHZ STANDARD | 6800 |
| SFF96844EV | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/1MHZ STANDARD | 6800 |
| SFF96844K | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/1MHZ STANDARD | 6800 |
| SFF96844KM | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/1MHZ STANDARD | 6800 |
| SFF96844KV | DMAC | 8-BIT | DIRECT MEMORY ACCESS CONTROLLER/1MHZ STANDARD | 6800 |
| SFF96846K1 | ROMIO | 8-BIT | COMBINATION ROM,I-O PORT AND TIMER-COUNTER/COMPLEMENTS 6802 MPU | 6802 |
| SFF96850E | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER 6800 FAMILY(APP.B) | 6800 |
| SFF96850EV | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1MHZ STANDARD | 6800 |
| SFF96850K | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1MHZ STANDARD | 6800 |
| SFF96850KM | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1MHZ STANDARD | 6800 |
| SFF96850KV | ACIA | 8-BIT | ASYNCHRONOUS COMMUNICATIONS INTERFACE ADAPTER/1MHZ STANDARD | 6800 |
| SFF96852E | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSION | 6800 |
| SFF96852EV | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSION | 6800 |
| SFF96852K | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSION | 6800 |
| SFF96852KM | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSION | 6800 |
| SFF96854E | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| SFF96854EV | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| SFF96854K | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| SFF96854KM | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| SFF96854KV | SDLC | 8-BIT | ADVANCED DATA LINK CONTROLLER/1MHZ CLOCK FREQUENCY | 6800 |
| SFF96862E | SPECL | 8-BIT | 2400 BPS DIGITAL MODULATOR FOR 6800 FAMILY (APP. B) | 6800 |
| SFF96862K | SPECL | 8-BIT | 2400 BPS DIGITAL MODULATOR FOR 6800 FAMILY (APP. B) | 6800 |
| SFF96870A | CLOCK | . | CLOCK FOR 6800 FAMILY (APP. B)/LIMITED FUNCTION | 6800 |
| SFF96871A | CLOCK | . | CLOCK FOR 6800 FAMILY (APP. B)/FULL FUNCTION INC. MEMORY CLOCK | 6800 |
| SFF96871A1 | CLOCK | . | CLOCK FOR 6800 FAM./1.5MHZ VERSN./FULL FUNCN. INC. MEMORY CLOCK | 6800 |
| SFF96871AZ | CLOCK | . | CLOCK FOR 6800 FAM./1.5MHZ VERSN./FULL FUNCN. INC. MEMORY CLOCK | 6800 |
| SFF96871B | CLOCK | . | CLOCK FOR 6800 FAMLY (APP. B)/ALTERNATE FUNCTION | 6800 |
| SFF96875E | CLOCK | . | 2-PHASE CLOCK GENERATOR-DRIVER/2MHZ FREQUENCY | 6800 |
| SFF96875K | CLOCK | . | 2-PHASE CLOCK GENERATOR-DRIVER/2MHZ FREQUENCY | 6800 |
| SFF96880AE | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER/MAX. DELAY 14NS | 6800 |
| SFF96880AK | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER/MAX. DELAY 14NS | 6800 |
| SFF96880AKM | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER/MAX. DELAY 14NS | 6800 |
| SFF96880AKV | TRCVR | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER/MAX DELAY 14NS | 6800 |
| SFF96881E | EXPIO | 8-BIT | TRIPLE BI-DIRECTIONAL BUS EXTENDER SWITCH | 6800 |
| SFF96881K | EXPIO | 8-BIT | TRIPLE BI-DIRECTIONAL BUS EXTENDER SWITCH | 6800 |
| SFF96882AE | LATCH | 8-BIT | OCTAL 3-STATE BUFFER-LATCH/TYP. DELAY 8NS | 6800 |
| SFF96882AK | LATCH | 8-BIT | OCTAL 3-STATE BUFFER-LATCH/TYP. DELAY 8NS | 6800 |
| SFF96882BE | LATCH | 8-BIT | OCTAL 3-STATE BUFFER-LATCH/TYP. DELAY 8NS | 6800 |
| SFF96882BK | LATCH | 8-BIT | OCTAL 3-STATE BUFFER LATCH/TYP. DELAY 8NS | 6800 |
| SFF96885E | BUFFR | 8-BIT | HEX. 3-STATE BUFFER/NON-INV./MAX. DELAY 12NS | 6800 |
| SFF96885K | BUFFR | 8-BIT | HEX. 3-STATE BUFFER/NON-INV./MAX. DELAY 12NS | 6800 |
| SFF96886E | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX. DELAY 11NS | 6800 |
| SFF96886K | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX. DELAY 11NS | 6800 |
| SFF96887E | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/NON-INV./MAX. DELAY 12NS | 6800 |
| SFF96887K | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/NON-INV./MAX. DELAY 12NS | 6800 |
| SFF96888E | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX. DELAY 11NS | 6800 |
| SFF96888K | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX. DELAY 11NS | 6800 |
| SFF96889E | TRCVR | 4-BIT | NON-INVERTING 3-STATE BUS TRANSCEIVER | 6800 |
| SFF96889K | TRCVR | 4-BIT | NON-INVERTING 3-STATE BUS TRANSCEIVER | 6800 |
| SFF968888K | IFACE | 8-BIT | GENERAL PURPOSE INTERFACE ADAPTER (IEEE 488 BUS TO M06800 BUS) SEE F3852/SL31116 | 6800 |
| SL31116 | | | | |
| SMC4030JR | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y ADDRESS LINES | GEN. PURP. |
| SMC4050JR | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y ADDRESS LINES | GEN. PURP. |
| SMC4060JR | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y ADDRESS LINES | GEN. PURP. |
| SN54LS147J | CDCVR | 4-BIT | 10-LINE-DECIMAL TO 4-LINE-BCD PRIORITY ENCODER/TYP. DELAY 15NS | 9900 |
| SN54LS147W | CDCVR | 4-BIT | 10-LINE-DECIMAL TO 4-LINE-BCD PRIORITY ENCODER/TYP. DELAY 15NS | 9900 |
| SN54LS148J | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 15NS | 9900 |
| SN54LS148W | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 15NS | 9900 |
| SN54LS200AJ | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 35NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| SN54LS200AW | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 35NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| SN54LS202J | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 35NS/8 ADDRESS 3CS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| THC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | MCM6830AP | SFF96830-7E |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | MCM6830AL | SFF96830-7K |
| THC | DIL-24/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 45MXMA | . TTL | TTL/TS | MCM6832P | SFF96832E |
| THC | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 45MXMA | . TTL | TTL/TS | MCM6832L | SFF96832K |
| THC | DIL-24/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 45MXMA | . TTL | TTL/TS | MCM6832P | SFF96832-91E |
| THC | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 45MXMA | . TTL | TTL/TS | MCM6832L | SFF96832-91K |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 550MXMW | . TTL | . TTL | MC6840P | SFF96840E |
| THC | DIL-40/2P | NMOS | -40C/+85C | . . . +5V | 550MXMW | . TTL | . TTL | F6840CP | SFF96840EV |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 550MXMW | . TTL | . TTL | MC6840L | SFF96840K |
| THC | DIL-40/2C | NMOS | -55C/+125C | . . . +5V | 550MXMW | . TTL | . TTL | F6840ML | SFF96840KM |
| THC | DIL-40/2C | NMOS | -40C/+85C | . . . +5V | 550MXMW | . TTL | . TTL | F6840CL | SFF96840KV |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 400TPMW | . TTL | . TTL | MC6843P | SFF96843E |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 400TPMW | . TTL | . TTL | MC6843L | SFF96843K |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 500TPMW | . TTL | . TTL | MC6844P | SFF96844E |
| THC | DIL-40/2P | NMOS | -40C/+85C | . . . +5V | 500TPMW | . TTL | . TTL | MC6844P | SFF96844EV |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 500TPMW | . TTL | . TTL | MC6844L | SFF96844K |
| THC | DIL-40/2C | NMOS | -55C/+125C | . . . +5V | 500TPMW | . TTL | . TTL | MC6844L | SFF96844KM |
| THC | DIL-40/2C | NMOS | -40C/+85C | . . . +5V | 500TPMW | . TTL | . TTL | MC6844L | SFF96844KV |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 1MXW | . TTL | . TTL | F68B46P | SFF96846K1 |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC6850P | SFF96850E |
| THC | DIL-24/2P | NMOS | -40C/+85C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC6850CP | SFF96850EV |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC6850L | SFF96850K |
| THC | DIL-24/2C | NMOS | -55C/+125C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC6850CL | SFF96850KM |
| THC | DIL-24/2C | NMOS | -40C/+85C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC6850CL | SFF96850KV |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC6852P | SFF96852E |
| THC | DIL-24/2P | NMOS | -40C/+85C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC6852CL | SFF96852EV |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC6852L | SFF96852K |
| THC | DIL-24/2C | NMOS | -55C/+125C | . . . +5V | 525MXMW | . TTL | TTL/TS | F6852ML | SFF96852KM |
| THC | DIL-24/2C | NMOS | -40C/+85C | . . . +5V | 525MXMW | . TTL | TTL/TS | MC6852CL | SFF96852KV |
| THC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 850MXMW | . TTL | . TTL | MC6854P | SFF96854E |
| THC | DIL-40/2P | NMOS | -40C/+85C | . . . +5V | 850MXMW | . TTL | . TTL | MC6854L | SFF96854EV |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 850MXMW | . TTL | . TTL | MC6854K | SFF96854K |
| THC | DIL-40/2C | NMOS | -55C/+125C | . . . +5V | 850MXMW | . TTL | . TTL | F6854ML | SFF96854KM |
| THC | DIL-40/2C | NMOS | -40C/+85C | . . . +5V | 850MXMW | . TTL | . TTL | MC6854CL | SFF96854KV |
| THC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | . TTL | MC6862P | SFF96862E |
| THC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | . TTL | MC6862L | SFF96862K |
| THC | DIM-10/2M | NMOS | 0C/+70C | . . . +5V | 100MXMA | . . . | NMOS+TTL | MC6870A | SFC96870A |
| THC | DIM-10 | STLB | 0C/+70C | . . . +5V | 100MXMA | . . . | MOS+TTL | MC6871A | SFF96871A |
| THC | DIM-10 | STLB | 0C/+70C | . . . +5V | 100MXMA | . . . | MOS+TTL | MC6871A | SFF96871A1 |
| THC | DIM-10 | STLB | 0C/+70C | . . . +5V | 100MXMA | . . . | MOS+TTL | MC6871B | SFF96871A2 |
| THC | DIM-10 | STLB | 0C/+70C | . . . +5V | 100MXMA | . . . | MOS+TTL | MC6871B | SFF96871B |
| THC | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 150MXMA | . . . | . TTL | MC6875P | SFF96875E |
| THC | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 150MXMA | . . . | . TTL | MC6875L | SFF96875K |
| THC | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 87MXMA | . TTL | TTL/TS | MC6880AP | SFF96880AE |
| THC | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 87MXMA | . TTL | TTL/TS | MC6880AL | SFF96880AK |
| THC | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 87MXMA | . TTL | TTL/TS | . . . | SFF96880AKM |
| THC | DIL-16/1C | STLB | -40C/+85C | . . . +5V | 87MXMA | . TTL | TTL/TS | . . . | SFF96880AKV |
| THC | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | MC6881P | SFF96881E |
| THC | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | MC6881L | SFF96881K |
| THC | DIL-20/1P | STLB | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL/TS | MC6882AP | SFF96882AE |
| THC | DIL-20/1C | STLB | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL/TS | MC6882AL | SFF96882AK |
| THC | DIL-20/1B | STLB | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL/TS | MC6882BP | SFF96882BE |
| THC | DIL-20/1A | STLB | 0C/+70C | . . . +5V | 125MXMA | . TTL | TTL/TS | MC6882BL | SFF96882BK |
| THC | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 98MXMA | . TTL | TTL/TS | MC6885P | SFF96885E |
| THC | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 98MXMA | . TTL | TTL/TS | MC6885L | SFF96885K |
| THC | DIL-16/1P | STLB | 0C/+7C | . . . +5V | 89MXMA | . TTL | TTL/TS | MC6886P | SFF96886E |
| THC | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 89MXMA | . TTL | TTL/TS | MC6886L | SFF96886K |
| THC | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 98MXMA | . TTL | TTL/TS | MC6887P | SFF96887E |
| THC | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 98MXMA | . TTL | TTL/TS | MC6887L | SFF96887K |
| THC | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 89MXMA | . TTL | TTL/TS | MC6888P | SFF96888E |
| THC | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 89MXMA | . TTL | TTL/TS | MC6888L | SFF96888K |
| THC | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 87MXMA | . TTL | TTL/TS | MC6889P | SFF96889E |
| THC | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 87MXMA | . TTL | TTL/TS | MC6889L | SFF96889K |
| THC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 600TPMW | . TTL | . TTL | MC68488L | SFF968488K |
| FAS | . . . | . . . | . . . | . . . | . . . | . . . | . . . | . . . | SL31116 |
| III | DIL-22/4C | NMOS | -55C/+85C | -5V/+5V/+12V | 80MXMA | . TTL | . TTL | TMS4030JR | SMC4030JR |
| III | DIL-18/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 80MXMA | . TTL | . TTL | TMS4050JR | SMC4050JR |
| III | DIL-22/4C | NMOS | -55C/+85C | -5V/+5V/+12V | 80MXMA | . TTL | . TTL | MD2107C | SMC4060JR |
| III | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 60TPMW | . TTL | . TTL | . . . | SN54LS147J |
| III | FLP-16/3C | LSTB | -55C/+125C | . . . +5V | 60TPMW | . TTL | . TTL | . . . | SN54LS147W |
| III | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 60TPMW | . TTL | . TTL | . . . | SN54LS148J |
| III | FLP-16/3C | STLB | -55C/+125C | . . . +5V | 60TPMW | . TTL | . TTL | . . . | SN54LS148W |
| III | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 55TPMA | . TTL | TTL/TS | . . . | SN54LS200AJ |
| III | FLP-16/3C | LSTB | -55C/+125C | . . . +5V | 55TPMA | . TTL | . TS | . . . | SN54LS200AW |
| III | DIL-16/1C | LSTB | -55C/+125C | . . . +5V | 55TPMA | . TTL | TTL/TS | . . . | SN54LS202J |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| SN54LS202W | SRAM | 1-BIT | 256-256X1/TYP. ACCESS 35NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| SN54LS207J | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 75NS/8 ADDRESS LINES | GEN. PURP. |
| SN54LS208J | SRAM | 4-BIT | 1K=256X4 /TYP. ACCESS 75NS/8 ADDRESS LINES | GEN. PURP. |
| SN54LS214J | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 110NS/10 ADDRESS,1CS LINES | GEN. PURP. |
| SN54LS215J | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 65NS/10 ADDRESS LINES | GEN. PURP. |
| SN54LS251J | MUX | . | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP O-P/17NS TYP. DELAY | GEN. PURP. |
| SN54LS251W | MUX | . | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/17NS TYP. DELAY | GEN. PURP. |
| SN54LS259J | LATCH | 8-BIT | ADDRESSABLE LATCH/TYP. PROP. DELAY 20NS | GEN. PURP. |
| SN54LS259W | LATCH | 8-BIT | ADDRESSABLE LATCH/TYP. PROP. DELAY 20NS | GEN. PURP. |
| SN54LS300AJ | SRAM | 1-BIT | 256-256X1/TYP. ACCESS 35NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| SN54LS300AW | SRAM | 1-BIT | 256-256X1/TYP. ACCESS 35NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| SN54LS302J | SRAM | 1-BIT | 256-256X1/TYP. ACCESS 35NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| SN54LS302W | SRAM | 1-BIT | 256-256X1/TYP. ACCESS 35NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| SN54LS314J | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 110NS/10 ADDRESS,1CS LINES | GEN. PURP. |
| SN54LS315J | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 65NS/10 ADDRESS LINES | GEN. PURP. |
| SN54LS348J | CDCVR | 8/3BIT | 8-LINE TO 3-LINE PRIORITY ENCODER | GEN. PURP. |
| SN54LS348W | CDCVR | 8/3BIT | 8-LINE TO 3-LINE PRIORITY ENCODER | GEN. PURP. |
| SN54LS362J | CLOCK | | 4-PHASE CLOCK GENERATOR-DRIVER FOR 9900 FAMILY/EQVT. TO TIM9904 | 9900 |
| SN54LS362W | CLOCK | | 4-PHASE CLOCK GENERATOR-DRIVER FOR 9900/EQVT. TO TIM9904 | 9900 |
| SN54S188J | PROM | 8-BIT | 256-32X8/MAX. ACCESS 50NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN54S188W | PROM | 8-BIT | 256-32X8/MAX. ACCESS 50NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN54S189J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS,1CE LINES | GEN. PURP. |
| SN54S189W | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS,1CE LINES | GEN. PURP. |
| SN54S200AJ | SRAM | 1-BIT | 256-256X1/TYP. ACCESS 25NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| SN54S200AW | SRAM | 1-BIT | 256-256X1/TYP. ACCESS 25NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| SN54S201J | SRAM | 1-BIT | 256-256X1/MAX. ACCESS 85NS/8 ADDRESS,3 CS LINES | GEN. PURP. |
| SN54S201W | SRAM | 1-BIT | 256-256X1/MAX. ACCESS 85NS/8 ADDRESS,3 CS LINES | GEN. PURP. |
| SN54S207J | SRAM | 4-BIT | 1K=1024X1/MAX. ACCESS 70NS/8 ADDRESS LINES | GEN. PURP. |
| SN54S207W | SRAM | 4-BIT | 1K=1024X1/MAX. ACCESS 70NS/8 ADDRESS LINES | GEN. PURP. |
| SN54S208J | SRAM | 4-BIT | 1K=1024X1/MAX. ACCESS 70NS/8 ADDRESS LINES/SEP. DATA I-O PORTS | GEN. PURP. |
| SN54S214J | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/10 ADDRESS,1CS LINES | GEN. PURP. |
| SN54S240J | BUFFR | 8-BIT | OCTAL BUFFER-LINE DRIVER/INVERTING | GEN. PURP. |
| SN54S241J | BUFFR | 8-BIT | OCTAL BUFFER-LINE DRIVER/NON-INVERTING | GEN. PURP. |
| SN54S251J | MUX | . | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/8NS TYP. DELAY | GEN. PURP. |
| SN54S251W | MUX | . | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/8NS TYP DELAY | GEN. PURP. |
| SN54S270J | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 95NS/9 ADDRESS 1 CS LINES | GEN. PURP. |
| SN54S271J | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 95NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| SN54S287J | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN54S287W | EPROM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN54S288J | PROM | 8-BIT | 256-32X8/MAX. ACCESS 50NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN54S288W | PROM | 8-BIT | 256-32X8/MAX. ACCESS 50NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN54S289J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS,1CE LINES | GEN. PURP. |
| SN54S289W | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS,1CE LINES | GEN. PURP. |
| SN54S300AJ | SRAM | 1-BIT | 256-256X1/TYP. ACCESS 25NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| SN54S300AW | SRAM | 1-BIT | 256-256X1/TYP. ACCESS 25NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| SN54S301J | SRAM | 1-BIT | 256-256X1/MAX. ACCESS 85NS/8 ADDRESS,3 CS LINES | GEN. PURP. |
| SN54S301W | SRAM | 1-BIT | 256-256X1/MAX. ACCESS 85NS/8 ADDRESS,3 CS LINES | GEN. PURP. |
| SN54S314J | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/10 ADDRESS,1CS LINES | GEN. PURP. |
| SN54S370J | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 95NS/9 ADDRESS 1 CS LINES | GEN. PURP. |
| SN54S371J | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 70NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| SN54S387J | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN54S387W | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN54S470J | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 80NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN54S471J | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 80NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN54S472J | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 1 CS LINES | GEN. PURP. |
| SN54S473J | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 1 CS LINES | GEN. PURP. |
| SN54S474J | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| SN54S474W | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| SN54S475J | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| SN54S475W | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| SN54S476J | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 55NS | GEN. PURP. |
| SN54S477J | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 55NS | GEN. PURP. |
| SN54S478J | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 55NS | GEN. PURP. |
| SN54S479J | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 55NS | GEN. PURP. |
| SN54S481JL | MPU | 4-BIT | MICROPROGRAMMABLE BIT SLICE PROCESSOR/SN74S481FAMILY (APP.B) | SN74S481 |
| SN5488AJ | MROM | 8-BIT | 256-32X8/MAX. ACCESS 45NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN5488AW | MROM | 8-BIT | 256-32X8/MAX. ACCESS 45NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN5489J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/5 | GEN. PURP. |
| SN5489W | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS | GEN. PURP. |
| SN74LS147J | CDCVR | 4-BIT | 10-LINE-DECIMAL TO 4-LINE-BCD PRIORITY ENCODER/TYP. DELAY 15NS | 9900 |
| SN74LS147N | CDCVR | 4-BIT | 10-LINE-DECIMAL TO 4-LINE-BCD PRIORITY ENCODER/TYP. DELAY 15NS | 9900 |
| SN74LS148J | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 15NS | 9900 |
| SN74LS148N | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 15NS | 9900 |
| SN74LS200AJ | SRAM | 1-BIT | 256-256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| SN74LS200AN | SRAM | 1-BIT | 256-256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|-------------|----------------------|
| III | FLP-16/3C | LSTB | -55C/+125C | +5V | 55TPMA | TTL | TTL/TS | | SN54LS202W |
| III | DIL-16/1C | LSTB | -55C/+125C | +5V | 40TPMA | TTL | TTL/TS | | SN54LS207J |
| III | DIL-20/1C | LSTB | -55C/+125C | +5V | 40TPMA | TTL | TTL/TS | | SN54LS208J |
| III | DIL-16/1C | LSTB | -55C/+125C | +5V | 50MXMA | TTL | TTL/TS | | SN54LS214J |
| III | DIL-16/1C | LSTB | -55C/+125C | +5V | 40TPMA | TTL | TTL/TS | | SN54LS215J |
| III | DIL-16/1C | LSTB | -55C/+125C | +5V | 35TPMW | TTL | TTL/TS | | SN54LS251J |
| III | FLP-16/3C | LSTB | -55C/+125C | +5V | 35TPMW | TTL | TTL/TS | | SN54LS251W |
| III | DIL-16/1C | LSTB | -55C/+125C | +5V | 22TPMA | TTL | TTL | S9334F | SN54LS259J |
| III | FLP-16/3C | LSTB | -55C/+125C | +5V | 22TPMA | TTL | TTL | S9334W | SN54LS259W |
| III | DIL-16/1C | LSTB | -55C/+125C | +5V | 55TPMA | TTL | TTL/OC | | SN54LS300AJ |
| III | FLP-16/3C | LSTB | -55C/+125C | +5V | 55TPMA | TTL | TTL/OC | | SN54LS300AW |
| III | DIL-16/1C | LSTB | -55C/+125C | +5V | 55TPMA | TTL | TTL/TS | | SN54LS302J |
| III | FLP-16/3C | LSTB | -55C/+125C | +5V | 55TPMA | TTL | TTL/TS | | SN54LS302W |
| III | DIL-16/1C | LSTB | -55C/+125C | +5V | 50MXMA | TTL | TTL/OC | | SN54LS314J |
| III | DIL-16/1C | LSTB | -55C/+125C | +5V | 40TPMA | TTL | TTL/OC | | SN54LS315J |
| III | DIL-16/1C | LSTB | -55C/+125C | +5V | 33MXMA | TTL | TTL | | SN54LS348J |
| III | FLP-16/3C | LSTB | -55C/+125C | +5V | 33MXMA | TTL | TTL | | SN54LS348W |
| III | DIL-20/1C | LSTB | -55C/+125C | +5V/+12V | 175MXMA | TTL | TTL | | SN54LS362J |
| III | FLP-20/3C | LSTB | -55C/+125C | +5V/+12V | 175MXMA | TTL | TTL | | SN54LS362W |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/OC | | SN54S188J |
| III | FLP-16/3C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/OC | | SN54S188W |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | AM54S189J | SN54S189J |
| III | FLP-16/3C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | AM54S189W | SN54S189W |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/TS | DM54S200J | SN54S200AJ |
| III | FLP-16/3C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/TS | | SN54S200AW |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 140MXMA | TTL | TTL/TS | S54S201F | SN54S201J |
| III | FLP-16/3C | STLB | -55C/+125C | +5V | 140MXMA | TTL | TTL/TS | S54S201W | SN54S201W |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 160MXMA | TTL | TTL/TS | | SN54S207J |
| III | FLP-16/3C | STLB | -55C/+125C | +5V | 160MXMA | TTL | TTL/TS | | SN54S207W |
| III | DIL-20/1C | STLB | -55C/+125C | +5V | 160MXMA | TTL | TTL/TS | | SN54S208J |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | | SN54S214J |
| III | DIL-20/4C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | | SN54S240J |
| III | DIL-20/4C | STLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | | SN54S241J |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 275TPMW | TTL | TTL/TS | | SN54S251J |
| III | FLP-16/3C | STLB | -55C/+125C | +5V | 275TPMW | TTL | TTL/TS | | SN54S251W |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 155MXMA | TTL | TTL/OC | | SN54S270J |
| III | DIL-20/4C | STLB | -55C/+125C | +5V | 155MXMA | TTL | TTL/OC | DM54S271N | SN54S271J |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 135MXMA | TTL | TTL/TS | DM54S287D | SN54S287J |
| III | FLP-16/3C | STLB | -55C/+125C | +5V | 135MXMA | TTL | TTL/TS | DM54S287D | SN54S287W |
| III | DIL-16/1C | STLB | -55C/+155C | +5V | 110MXMA | TTL | TTL/TS | | SN54S288J |
| III | FLP-16/3C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | | SN54S288W |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/OC | DM54S289J | SN54S289J |
| III | FLP-16/3C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/OC | AM54S289W | SN54S289W |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/OC | | SN54S300AJ |
| III | FLP-16/3C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/OC | | SN54S300AW |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 140MXMA | TTL | TTL/OC | S54S301W | SN54S301J |
| III | FLP-16/3C | STLB | -55C/+125C | +5V | 140MXMA | TTL | TTL/OC | S54S301W | SN54S301W |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | | SN54S314J |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 155MXMA | TTL | TTL/TS | DM54S370J | SN54S370J |
| III | DIL-20/4C | STLB | -55C/+125C | +5V | 155MXMA | TTL | TTL/TS | DM54S371N | SN54S371J |
| III | DIL-16/1C | STLB | -55C/+125C | +5V | 135MXMA | TTL | TTL/OC | DM54S387J | SN54S387J |
| III | FLP-16/3C | STLB | -55C/+125C | +5V | 135MXMA | TTL | TTL/OC | | SN54S387W |
| III | DIL-20/1C | STLB | -55C/+125C | +5V | 155MXMA | TTL | TTL/OC | DM54S470J | SN54S470J |
| III | DIL-20/1C | STLB | -55C/+125C | +5V | 155MXMA | TTL | TTL/TS | DM54S471D | SN54S471J |
| III | DIL-20/1C | STLB | -55C/+125C | +5V | 120TPMA | TTL | TTL/TS | | SN54S472J |
| III | DIL-20/1C | STLB | -55C/+125C | +5V | 120TPMA | TTL | TTL/OC | | SN54S473J |
| III | DIL-24/2C | STLB | -55C/+125C | +5V | 120TPMA | TTL | TTL/TS | | SN54S474J |
| III | FLP-24/3C | STLB | -55C/+125C | +5V | 120TPMA | TTL | TTL/TS | | SN54S474W |
| III | DIL-24/2C | STLB | -55C/+125C | +5V | 120TPMA | TTL | TTL/OC | | SN54S475J |
| III | FLP-24/3C | STLB | -55C/+125C | +5V | 120TPMA | TTL | TTL/OC | | SN54S475W |
| III | DIL-18/1C | STLB | -55C/+125C | +5V | | TTL | TTL/TS | | SN54S476J |
| III | DIL-18/1C | STLB | -55C/+125C | +5V | | TTL | TTL/OC | | SN54S477J |
| III | DIL-24/2C | STLB | -55C/+125C | +5V | | TTL | TTL/TS | | SN54S478J |
| III | DIL-24/2C | STLB | -55C/+125C | +5V | | TTL | TTL/OC | | SN54S479J |
| III | QIL-48/1C | STLB | -55C/+125C | +5V | 225TPMA | TTL | TTL | | SN54S481JL |
| III | DIL-16/1C | TTLB | -55C/+125C | +5V | 80MXNA | TTL | TTL/OC | | SN5488AJ |
| III | FLP-16/3C | TTLB | -55C/+125C | +5V | 80MXNA | TTL | TTL/OC | | SN5488AW |
| ADM | DIL-16/1C | TTLB | -55C/+125C | +5V | 550MXMW | TTL | TTL/OC | DM5489J | SN5489J |
| ADM | FLP-16/3C | TTLB | -55C/+125C | +5V | 550MXMW | TTL | TTL/TL | | SN5489W |
| III | DIL-16/1C | LSTB | 0C/+70C | +5V | 60TPMW | TTL | TTL | SN74LS147N | SN74LS147J |
| III | DIL-16/1P | LSTB | 0C/+70C | +5V | 60TPMW | TTL | TTL | SN74LS147J | SN74LS147N |
| III | DIL-16/1C | LSTB | 0C/+70C | +5V | 60TPMW | TTL | TTL | SN74LS148N | SN74LS148J |
| III | DIL-16/1P | LSTB | 0C/+70C | +5V | 60TPMW | TTL | TTL | SN74LS148J | SN74LS148N |
| III | DIL-16/1C | LSTB | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | SN74LS200AN | SN74LS200AJ |
| III | DIL-16/1P | LSTB | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | SN74LS200AJ | SN74LS200AN |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| SN74LS202J | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 35NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| SN74LS202N | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 35NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| SN74LS207J | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 75NS/8 ADDRESS LINES | GEN. PURP. |
| SN74LS207N | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 75NS/8 ADDRESS LINES | GEN. PURP. |
| SN74LS208J | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 75NS/8 ADDRESS LINES | GEN. PURP. |
| SN74LS208N | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 75NS/8 ADDRESS LINES | GEN. PURP. |
| SN74LS214J | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 90NS/10 ADDRESS,1CS LINES | GEN. PURP. |
| SN74LS214N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 90NS/10 ADDRESS,1CS LINES | GEN. PURP. |
| SN74LS215J | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 65NS/10 ADDRESS LINES | GEN. PURP. |
| SN74LS215N | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 65NS/10 ADDRESS LINES | GEN. PURP. |
| SN74LS251J | MUX | . | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/EQVT. TIM9905 | GEN. PURP. |
| SN74LS251N | MUX | . | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/17NS TYP. DELAY | GEN. PURP. |
| SN74LS259J | LATCH | 8-BIT | ADDRESSABLE LATCH/TYP. PROP. DELAY 20NS/EQVT. TO TIM9906 | GEN. PURP. |
| SN74LS259N | LATCH | 8-BIT | ADDRESSABLE LATCH/TYP. PROP. DELAY 20NS | GEN. PURP. |
| SN74LS300AJ | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/8 ADDRESS,3 CS LINES | GEN. PURP. |
| SN74LS300AN | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/8 ADDRESS,3 CS LINES | GEN. PURP. |
| SN74LS302J | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 35NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| SN74LS302N | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 35NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| SN74LS314J | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 90NS/10 ADDRESS,1CS LINES | GEN. PURP. |
| SN74LS314N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 90NS/10 ADDRESS,1CS LINES | GEN. PURP. |
| SN74LS315N | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 65NS/10 ADDRESS LINES | GEN. PURP. |
| SN74LS348J | CDCVR | 8/3BIT | 8-LINE TO 3-LINE PRIORITY ENCODER/EQVT. TO TIM9908 | GEN. PURP. |
| SN74LS348N | CDCVR | 8/3BIT | 8-LINE TO 3-LINE PRIORITY ENCODER | GEN. PURP. |
| SN74LS362J | CLOCK | . | 4-PHASE CLOCK GENERATOR-DRIVER FOR 9900 FAMILY (APP. B)/=TIM9904 | 9900 |
| SN74LS362N | CLOCK | . | 4-PHASE CLOCK GENERATOR-DRIVER FOR 9900 FAMILY (APP. B)/=TIM9904 | 9900 |
| SN74S188J | PROM | 8-BIT | 256=32X8/MAX. ACCESS 40NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74S188N | PROM | 8-BIT | 256=32X8/MAX. ACCESS 40NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74S189J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS,1CE LINES | GEN. PURP. |
| SN74S189N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS,1CE LINES | GEN. PURP. |
| SN74S200AJ | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 40NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| SN74S200AN | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 40NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| SN74S201N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 65NS/8 ADDRESS,3 CS LINES | GEN. PURP. |
| SN74S207J | SRAM | 4-BIT | 1K=1024X1/MAX. ACCESS 50NS/8 ADDRESS LINES | GEN. PURP. |
| SN74S207N | SRAM | 4-BIT | 1K=1024X1/MAX. ACCESS 50NS/8 ADDRESS LINES | GEN. PURP. |
| SN74S208J | SRAM | 4-BIT | 1K=1024X1/MAX. ACCESS 50NS/8 ADDRESS LINES/SEP. DATA I-O PORTS | GEN. PURP. |
| SN74S208N | SRAM | 4-BIT | 1K=1024X1/MAX. ACCESS 50NS/8 ADDRESS LINES/SEP. DATA I-O PORTS | GEN. PURP. |
| SN74S214J | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/10 ADDRESS,1CS LINES | GEN. PURP. |
| SN74S214N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/10 ADDRESS,1CS LINES | GEN. PURP. |
| SN74S240J | BUFFR | 8-BIT | OCTAL BUFFER-LINE DRIVER/INVERTING | GEN. PURP. |
| SN74S240N | BUFFR | 8-BIT | OCTAL BUFFER-LINE DRIVER/INVERTING | GEN. PURP. |
| SN74S241J | BUFFR | 8-BIT | OCTAL BUFFER-LINE DRIVER/NON-INVERTING | GEN. PURP. |
| SN74S241N | BUFFR | 8-BIT | OCTAL BUFFER-LINE DRIVER/NON-INVERTING | GEN. PURP. |
| SN74S251J | MUX | . | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/8NS TYP. DELAY | GEN. PURP. |
| SN74S251N | MUX | . | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/8NS TYP. DELAY | GEN. PURP. |
| SN74S270J | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/9 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74S270N | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/9 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74S271J | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 70NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| SN74S271N | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 70NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| SN74S287J | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 65NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN74S287N | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 65NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN74S288J | PROM | 8-BIT | 256=32X8/MAX. ACCESS 40NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74S288N | PROM | 8-BIT | 256=32X8/MAX. ACCESS 40NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74S289J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS,1CE LINES | GEN. PURP. |
| SN74S289N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4 ADDRESS,1CE LINES | GEN. PURP. |
| SN74S300AJ | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 40NS/8 ADDRESS,3 CS LINES | GEN. PURP. |
| SN74S300AN | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 40NS/8 ADDRESS,3 CS LINES | GEN. PURP. |
| SN74S301J | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 65NS/8 ADDRESS,3 CS LINES | GEN. PURP. |
| SN74S301N | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 65NS/8 ADDRESS,3 CS LINES | GEN. PURP. |
| SN74S314J | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/10 ADDRESS,1CS LINES | GEN. PURP. |
| SN74S314N | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 45NS/10 ADDRESS,1CS LINES | GEN. PURP. |
| SN74S315J | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 65NS/10 ADDRESS LINES | GEN. PURP. |
| SN74S315N | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 65NS/10 ADDRESS LINES | GEN. PURP. |
| SN74S370J | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/9 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74S370N | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 70NS/9 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74S371J | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 70NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| SN74S371N | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 70NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| SN74S371N | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 70NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| SN74S387J | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 65NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN74S387N | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 65NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN74S470J | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 70NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN74S470N | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 70NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN74S471J | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 70NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN74S471N | PROM | 8-BIT | 2K=256X8/MAX. ACCESS 70NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN74S472J | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74S472N | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74S473J | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74S473N | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 1 CS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|-------------|----------------------|
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 55TPMA | . TTL | TTL/TS | SN74LS202N | SN74LS202J |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 55TPMA | . TTL | TTL/TS | SN74LS202J | SN74LS202N |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 40TPMA | . TTL | TTL/TS | SN74LS207N | SN74LS207J |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 40TPMA | . TTL | TTL/TS | SN74LS207J | SN74LS207N |
| III | DIL-20/1C | LSTB | 0C/+70C | . . . +5V | 40TPMA | . TTL | TTL/TS | SN74LS208N | SN74LS208J |
| III | DIL-20/1P | LSTB | 0C/+70C | . . . +5V | 40TPMA | . TTL | TTL/TS | SN74LS208J | SN74LS208N |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 50MXMA | . TTL | TTL/TS | SN74LS214N | SN74LS214J |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 50MXMA | . TTL | TTL/TS | SN74LS214J | SN74LS214N |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 40TPMA | . TTL | TTL/TS | SN74LS215N | SN74LS215J |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 40TPMA | . TTL | TTL/TS | SN74LS215J | SN74LS215N |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 35TPMW | . TTL | TTL/TS | SN74LS251N | SN74LS251J |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 35TPMW | . TTL | TTL/TS | SN74LS251J | SN74LS251N |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 22TPMA | . TTL | TTL | N9334F | SN74LS259J |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 22TPMA | . TTL | TTL | N9334B | SN74LS259N |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/OC | SN74LS300AN | SN74LS300AJ |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/OC | SN74LS300AJ | SN74LS300AN |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 55TPMA | . TTL | TTL/TS | SN74LS302N | SN74LS302J |
| III | DIL-16/1P | LSTB | -55C/+125C | . . . +5V | 55TPMA | . TTL | TTL/TS | SN74LS302J | SN74LS302N |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 50MXMA | . TTL | TTL/OC | SN74LS314N | SN74LS314J |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 50MXMA | . TTL | TTL/OC | SN74LS314J | SN74LS314N |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 40TPMA | . TTL | TTL/OC | SN74LS315J | SN74LS315N |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 33MXMA | . TTL | TTL | TI9908 | SN74LS348J |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 33MXMA | . TTL | TTL | SN74LS348N | SN74LS348N |
| III | DIL-20/1C | LSTB | 0C/+70C | . +5V/+12V | 175MXMA | . TTL | . TTL | SN74LS362N | SN74LS362J |
| III | DIL-20/1P | LSTB | 0C/+70C | . +5V/+12V | 175MXMA | . TTL | . TTL | SN74LS362J | SN74LS362N |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/OC | . . . | SN74S188J |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/OC | . . . | SN74S188N |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | DM74S189J | SN74S189J |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | DM74S189N | SN74S189N |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 140MXMA | . TTL | TTL/TS | SN74S200AN | SN74S200AJ |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 140MXMA | . TTL | TTL/TS | SN74S200AJ | SN74S200AN |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 140MXMA | . TTL | TTL/TS | N74S201F | SN74S201J |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 140MXMA | . TTL | TTL/TS | N74S201N | SN74S201N |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 180MXMA | . TTL | TTL/TS | SN74S207N | SN74S207J |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 180MXMA | . TTL | TTL/TS | SN74S207J | SN74S207N |
| III | DIL-20/1C | STLB | 0C/+70C | . . . +5V | 180MXMA | . TTL | TTL/TS | SN74S208N | SN74S208J |
| III | DIL-20/1P | STLB | -55C/+125C | . . . +5V | 180MXMA | . TTL | TTL/TS | SN74S208J | SN74S208N |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | SN74S214N | SN74S214J |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/TS | SN74S214J | SN74S214N |
| III | DIL-20/4C | STLB | 0C/+70C | . . . +5V | 150MXMA | . TTL | TTL/TS | SN74S240N | SN74S240J |
| III | DIL-20/4P | STLB | 0C/+70C | . . . +5V | 150MXMA | . TTL | TTL/TS | SN74S240J | SN74S240N |
| III | DIL-20/4C | STLB | 0C/+70C | . . . +5V | 150MXMA | . TTL | TTL/TS | SN74S241J | SN74S241N |
| III | DIL-20/4P | STLB | 0C/+70C | . . . +5V | 150MXMA | . TTL | TTL/TS | SN74S241J | SN74S241N |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 275TPMW | . TTL | TTL/TS | SN74S251N | SN74S251J |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 275TPMW | . TTL | TTL/TS | SN74S251J | SN74S251N |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/OC | DM74S270J | SN74S270J |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/OC | DM74S270N | SN74S270N |
| III | DIL-20/4C | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/OC | DM74S271N | SN74S271J |
| III | DIL-20/4P | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/OC | DM74S271N | SN74S271N |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 135MXMA | . TTL | TTL/TS | DM74S287N | SN74S287J |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 135MXMA | . TTL | TTL/TS | DM74S287N | SN74S287N |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | SN74S288N | SN74S288J |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | SN74S288J | SN74S288N |
| ADM | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/OC | AM74S289J | SN74S289J |
| ADM | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/OC | SN74S289N | SN74S289N |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 140MXMA | . TTL | TTL/OC | SN74S300AN | SN74S300AJ |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 140MXMA | . TTL | TTL/OC | SN74S300AJ | SN74S300AN |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 140MXMA | . TTL | TTL/OC | N74S301N | SN74S301J |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 140MXMA | . TTL | TTL/OC | SN74S301F | SN74S301N |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/OC | SN74S314N | SN74S314J |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/OC | SN74S314J | SN74S314N |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 40TPMA | . TTL | TTL/OC | SN74S315N | SN74S315J |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/TS | DM74S370J | SN74S370J |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/TS | SN74S370N | SN74S370N |
| III | DIL-20/4C | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/TS | DM74S371N | SN74S371J |
| III | DIL-20/4P | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/TS | DM74S371N | SN74S371N |
| III | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 135MXMA | . TTL | TTL/OC | DM74S387N | SN74S387J |
| III | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 135MXMA | . TTL | TTL/OC | DM74S387N | SN74S387N |
| III | DIL-20/1C | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/OC | DM74S470D | SN74S470J |
| III | DIL-20/1P | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/OC | DM74S470N | SN74S470N |
| III | DIL-20/1C | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/TS | DM74S471D | SN74S471J |
| III | DIL-20/1P | STLB | 0C/+70C | . . . +5V | 155MXMA | . TTL | TTL/TS | DM74S471N | SN74S471N |
| III | DIL-20/1C | STLB | 0C/+70C | . . . +5V | 120TPMA | . TTL | TTL/TS | SN74S472N | SN74S472J |
| III | DIL-20/1P | STLB | 0C/+70C | . . . +5V | 120TPMA | . TTL | TTL/TS | SN74S472J | SN74S472N |
| III | DIL-20/1C | STLB | 0C/+70C | . . . +5V | 120TPMA | . TTL | TTL/OC | SN74S473N | SN74S473J |
| III | DIL-20/1P | STLB | 0C/+70C | . . . +5V | 120TPMA | . TTL | TTL/OC | SN74S473J | SN74S473N |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| SN74S473N | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74S474J | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| SN74S474N | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| SN74S475J | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| SN74S475N | PROM | 8-BIT | 4K=512X8/TYP. ACCESS 55NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| SN74S476J | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 55NS | GEN. PURP. |
| SN74S476N | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 55NS | GEN. PURP. |
| SN74S477J | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 55NS | GEN. PURP. |
| SN74S477N | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 55NS | GEN. PURP. |
| SN74S478J | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 55NS | GEN. PURP. |
| SN74S478N | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 55NS | GEN. PURP. |
| SN74S479J | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 55NS | GEN. PURP. |
| SN74S479N | PROM | 8-BIT | 8K=1024X8/TYP. ACCESS 55NS | GEN. PURP. |
| SN74S481JL | MPU | 4-BIT | MICROPROGRAMMABLE BIT SLICE PROCESSOR/481 FAMILY (APP. B) | SN74S481 |
| SN74S481NL | MPU | 4-BIT | MICROPROGRAMMABLE BIT SLICE PROCESSOR/481 FAMILY (APP. B) | SN74S481 |
| SN7488AJ | MROM | 8-BIT | 256=32X8/MAX. ACCESS 45NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN7488AN | MROM | 8-BIT | 256=32X8/MAX. ACCESS 45NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN7489J | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/4 ADDRESS LINES | GEN. PURP. |
| SN7489N | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/4 ADDRESS LINES | GEN. PURP. |
| SN10139J | PROM | 8-BIT | 256=32X8/MAX. ACCESS 20NS/5 ADDRESS 1CE LINES | 10000 |
| SN10139JE | PROM | 8-BIT | 256=32X8/MAX. ACCESS 20NS/5 ADDRESS 1CE LINES | 10000 |
| SN10140J | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 15NS/4X 2Y 2CE ADDRESS LINES/90 OHM LOAD | 10000 |
| SN10140JE | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 15NS/4X 2Y 2CE ADDRESS LINES/90 OHM LOAD | 10000 |
| SN10142J | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 10NS/4X 2Y 2CE ADDRESS LINES/50 OHM LOAD | 10000 |
| SN10142JE | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 10NS/4X 2Y 2CE ADDRESS LINES/50 OHM LOAD | 10000 |
| SN10144J | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/4X 4Y 3CE ADDRESS LINES | 10000 |
| SN10144JE | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/4X 4Y 3CE ADDRESS LINES | 10000 |
| SN10145J | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 6NS/4 ADDRESS LINES | 10000 |
| SN10145JE | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 6NS/4 ADDRESS LINES | 10000 |
| SN10147J | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 15NS/4X 3Y 2CE ADDRESS LINES | 10000 |
| SN10147JE | SRAM | 1-BIT | 128=128X1/MAX. ACCESS 15NS/4X 3Y 2CE ADDRESS LINES | 10000 |
| SN10148J | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 15NS/4X 2Y 2CE ADDRESS LINES/50 OHM LOAD | 10000 |
| SN10148JE | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 15NS/4X 2Y 2CE ADDRESS LINES/50 OHM LOAD | 10000 |
| SN54147J | CDCVR | 4-BIT | 10-LINE-DECIMAL TO 4-LINE-BCD PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| SN54147W | CDCVR | 4-BIT | 10-LINE-DECIMAL TO 4-LINE-BCD PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| SN54148J | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| SN54148W | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| SN54186J | PROM | 8-BIT | 512=64X8/MAX. ACCESS 75NS/6 ADDRESS 2 CS LINES | GEN. PURP. |
| SN54186W | PROM | 8-BIT | 512=64X8/MAX. ACCESS 75NS/6 ADDRESS 2 CS LINES | GEN. PURP. |
| SN54187J | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN54187W | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN54187W | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN54188AJ | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN54188AN | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN54251J | MUX | . | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/17NS TYP. DELAY | GEN. PURP. |
| SN54251W | MUX | . | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/17NS TYP. DELAY | GEN. PURP. |
| SN54259J | LATCH | 8-BIT | ADDRESSABLE LATCH/TYP. PROP. DELAY 16NS | GEN. PURP. |
| SN54259W | LATCH | 8-BIT | ADDRESSABLE LATCH/TYP. PROP. DELAY 16NS | GEN. PURP. |
| SN74147J | CDCVR | 4-BIT | 10-LINE-DECIMAL TO 4-LINE-BCD PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| SN74147N | CDCVR | 4-BIT | 10-LINE-DECIMAL TO 4-LINE-BCD PRIORITY ENCODER 10 | 9900 |
| SN74148J | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| SN74148N | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| SN74186J | PROM | 8-BIT | 512=64X8/MAX. ACCESS 75NS/6 ADDRESS 2 CS LINES | GEN. PURP. |
| SN74186N | PROM | 8-BIT | 512=64X8/MAX. ACCESS 75NS/6 ADDRESS 2 CS LINES | GEN. PURP. |
| SN74187J | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN74187N | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/8 ADDRESS 2 CS LINES | GEN. PURP. |
| SN74188AJ | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74188AN | PROM | 8-BIT | 256=32X8/MAX. ACCESS 50NS/5 ADDRESS 1 CS LINES | GEN. PURP. |
| SN74251J | MUX | . | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/17NS TYP. DELAY | GEN. PURP. |
| SN74251N | MUX | . | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/17NS TYP. DELAY | GEN. PURP. |
| SN74259J | LATCH | 8-BIT | ADDRESSABLE LATCH/TYP. PROP. DELAY 16NS | GEN. PURP. |
| SN74259N | LATCH | 8-BIT | ADDRESSABLE LATCH/TYP. PROP. DELAY 16NS | GEN. PURP. |
| SY21H01 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 200NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SY21H11 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 145/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SY1103A | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 145NS/5X 5Y ADDRESS 1CE LINES/NO PRECHARGE | GEN. PURP. |
| SY2101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 145/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SY2101A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/ 5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SY2101A-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/ 5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SY2101A-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/ 5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SY2101-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SY2101-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SY3514 | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 850NS | GEN. PURP. |
| SY6513 | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHP/4K ADDR. CAPAC./2 INTERRUPT LINES/1MHZ | 6500 |
| SY6513A | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHP/4K ADDR. CAPAC./2 INTERRUPT LINES/2MHZ | 6500 |
| SY6514 | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| SY6514A | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 2MHZ | 6500 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| III | DIL-20/1P | STLB | 0C/+70C | . . . +5V | 120TPMA | . TTL | TTL/OC | SN74S473J | SN74S473N |
| III | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 120TPMA | . TTL | TTL/TS | SN74S474N | SN74S474J |
| III | DIL-24/2P | STLB | 0C/+70C | . . . +5V | 120TPMA | . TTL | TTL/TS | SN74S474J | SN74S474N |
| III | DIL-24/2C | STLB | 0C/+70C | . . . +5V | 120TPMA | . TTL | TTL/OC | SN74S475N | SN74S475J |
| III | DIL-24/2P | STLB | 0C/+70C | . . . +5V | 120TPMA | . TTL | TTL/OC | SN74S475J | SN74S475N |
| III | DIL-18/1C | STLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | SN74S476N | SN74S476J |
| III | DIL-18/1P | STLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | SN74S476N | SN74S476N |
| III | DIL-18/1C | STLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/OC | SN74S477N | SN74S477J |
| III | DIL-18/1P | STLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/OC | SN74S477J | SN74S477N |
| III | DIL-24/2C | STLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | SN74S478N | SN74S478J |
| III | DIL-24/2P | STLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | SN74S478J | SN74S478N |
| III | DIL-24/2C | STLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/OC | SN74S479N | SN74S479J |
| III | DIL-24/2P | STLB | 0C/+70C | . . . +5V | . . . | . TTL | TTL/OC | SN74S479J | SN74S479N |
| III | QIL-48/1C | STLB | 0C/+70C | . . . +5V | 225TPMA | . TTL | . TTL | SN74S481NL | SN74S481JL |
| III | QIL-48/1P | STLB | 0C/+70C | . . . +5V | 225TPMA | . TTL | . TTL | SN74S481JL | SN74S481NL |
| III | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/OC | DM7488J | SN7488AJ |
| III | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 80MXMA | . TTL | TTL/OC | D7488N | SN7488AN |
| III | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | 105MXMA | . TTL | TTL/OC | AM7489J | SN7489J |
| III | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 105MXMA | . TTL | TTL/OC | DM74L89AN | SN7489N |
| III | DIL-16/1C | ECLB | -55C/+125C | . . . -5.2V | 145MXMA | -1.6/- .8V | -1.6V/- .8V | . . . | SN10139J |
| III | DIL-16/1M | ECLB | -30C/+85C | . . . -5.2V | 145MXMA | -1.6/- .8V | -1.6V/- .8V | . . . | SN10139JE |
| III | DIL-16/1C | ECLB | 0C/+85C | . . . -5.2V | 103MXMA | -1.6/- .8V | -1.6/- .8V | . . . | SN10140J |
| III | DIL-16/1M | ECLB | 0C/+85C | . . . -5.2V | 103MXMA | -1.6/- .8V | -1.6/- .8V | . . . | SN10140JE |
| III | DIL-16/1C | ECLB | 0C/+85C | . . . -5.2V | 103MXMA | -1.6/- .8V | -1.6/- .8V | GXB10140B | SN10142J |
| III | DIL-16/1M | ECLB | 0C/+85C | . . . -5.2V | 103MXMA | -1.6/- .8V | -1.6/- .8V | GXB10142D | SN10142JE |
| III | DIL-16/1C | ECLB | 0C/+85C | . . . -5.2V | 125MXMA | -1.6/- .8V | -1.6/- .8V | GXB10144D | SN10144J |
| III | DIL-16/1M | ECLB | 0C/+85C | . . . -5.2V | 125MXMA | -1.6/- .8V | -1.6/- .8V | GXB10144E | SN10144JE |
| III | DIL-16/1C | ECLB | 0C/+85C | . . . -5.2V | 150MXMA | -1.6/- .8V | -1.6/- .8V | F10145ADC | SN10145J |
| III | DIL-16/1M | ECLB | 0C/+85C | . . . -5.2V | 150MXMA | -1.6/- .8V | -1.6/- .8V | F10145ADC | SN10145JE |
| III | DIL-16/1C | ECLB | 0C/+85C | . . . -5.2V | 100MXMA | -1.6/- .8V | -1.6/- .8V | GXB10147A | SN10147J |
| III | DIL-16/1M | ECLB | 0C/+85C | . . . -5.2V | 100MXMA | -1.6/- .8V | -1.6/- .8V | GXB10147A | SN10147JE |
| III | DIL-16/1C | ECLB | 0C/+85C | . . . -5.2V | 103MXMA | -1.6/- .8V | -1.6/- .8V | GXB10148D | SN10148J |
| III | DIL-16/1M | ECLB | 0C/+85C | . . . -5.2V | 103MXMA | -1.6/- .8V | -1.6/- .8V | GXB10148D | SN10148JE |
| III | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 225TPMW | . TTL | . TTL | SN54LS147J | SN54147J |
| III | FLP-16/3C | TTLB | -55C/+125C | . . . +5V | 225TMMW | . TTL | . TTL | SN54LS147W | SN54147W |
| III | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 190TPMW | . TTL | . TTL | SN54LS148J | SN54148J |
| III | FLP-16/3C | TTLB | -55C/+125C | . . . +5V | 190TPMW | . TTL | . TTL | SN54LS148W | SN54148W |
| III | DIL-24/4C | TTLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/OC | . . . | SN54186J |
| III | FLP-24/4C | TTLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/OC | . . . | SN54186W |
| III | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | DM54187J | SN54187J |
| III | FLP-16/3C | . . . | -55C/+125C | . . . +5V | 130MXMA | . TTL | TTL/OC | . . . | SN54187W |
| III | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/OC | . . . | SN54188AJ |
| III | FLP-16/3C | TTLB | -55C/+125C | . . . +5V | 120MXMA | . TTL | TTL/OC | . . . | SN54188AW |
| III | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 250TPMW | . TTL | TTL/TS | SN54LS251J | SN54251J |
| III | FLP-16/3C | TTLB | -55C/+125C | . . . +5V | 250TPMW | . TTL | TTL/TS | SN54LS251W | SN54251W |
| III | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 60TPMA | . TTL | . TTL | S9334F | SN54259J |
| III | FLP-16/3C | TTLB | -55C/+125C | . . . +5V | 60TPMA | . TTL | . TTL | S9334W | SN54259W |
| III | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | 225TPMW | . TTL | . TTL | SN74LS147J | SN74147J |
| III | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 225TPMW | . TTL | . TTL | SN74LS147N | SN74147N |
| III | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | 190TPMW | . TTL | . TTL | SN74LS148J | SN74148J |
| III | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 190TPMW | . TTL | . TTL | SN74LS148N | SN74148N |
| III | DIL-24/4C | TTLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/OC | SN74186N | SN74186J |
| III | DIL-24/4P | TTLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/OC | SN7418J | SN74186N |
| III | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/OC | DM74187J | SN74187J |
| III | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 130MXMA | . TTL | TTL/OC | SN74187J | SN74187N |
| III | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/OC | SN74S188J | SN74188AJ |
| III | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/OC | SN74S188N | SN74188AN |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 250TPMW | . TTL | TTL/TS | SN74LS251J | SN74251J |
| III | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 250TPMW | . TTL | TTL/TS | SN74LS251N | SN74251N |
| III | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | 60TPMA | . TTL | . TTL | N9334F | SN74259J |
| III | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 60TPMA | . TTL | . TTL | N9334B | SN74259N |
| SYN | DIL-22/4C | NMOS | 0C/+70C | . . . +5V | 90MXMA | . TTL | TTL/TS | C2102A-2 | SY21H01 |
| SYN | DIL-18/1 | NMOS | 0C/+70C | . . . +5V | 90MXMA | . TTL | TTL/TS | . . . | SY21H11 |
| SYN | DIL-18/1 | PMOS | 0C/+55C | +19V/+22.5V | 33MXMA | +1/+18V | +0V/+90MV | P1103A | SY1103A |
| SYN | DIL-22/4C | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | C2101 | SY2101 |
| SYN | DIL-22/4C | NMOS | 0C/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | B2101A | SY2101A |
| SYN | DIL-22/4C | NMOS | 0C/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | B2101A-2 | SY2101A-2 |
| SYN | DIL-22/4C | NMOS | 0C/+70C | . . . +5V | 55MXMA | . TTL | TTL/TS | . . . | SY2101A-4 |
| SYN | DIL-22/4C | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | B2101A-4 | SY2101-1 |
| SYN | DIL-22/4C | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | B2101A-4 | SY2101-2 |
| SYN | DIL-24/2 | PMOS | 0C/+70C | -12V/+5V | 50MXMA | . TTL | TTL/TS | AM35141DC | SY3514 |
| SYN | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6513 | SY6513 |
| SYN | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6513A | SY6513A |
| SYN | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6514 | SY6514 |
| SYN | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 700MXMW | . TTL | TTL/TS | MCS6514A | SY6514A |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| SY6515 | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| SY6515A | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 2MHZ | 6500 |
| SY6520 | PIA | 8-BIT | PERIPHERAL ADAPTER FOR 6500 FAMILY (APP. B) | 6500 |
| SY6522 | PIA | 8-BIT | VERSATILE INTERFACE ADAPTER FOR 6500 FAMILY/EXPANDED 6520 | 6500 |
| SY6530 | MEMIO | 8-BIT | MEMORY, I-O, TIMER ARRAY/INC. 1KX8 ROM, 64X8 SRAM/ FOR 6500 FAM. | 6500 |
| SY6532 | MEMIO | 8-BIT | MEMORY, I-O, TIMER ARRAY/INC. 128X8 SRAM/FOR 6500 FAM. (APP. B) | 6500 |
| SYC21H02 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 200NS/5X 5Y ADDRESS 1CE LINE | GEN. PURP. |
| SYC21H12 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 200NS/5X 3Y 1CE ADDRESS LINES | 8080 |
| SYC21L02 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| SYC2102 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| SYC2102A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| SYC2111 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SYC2111A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SYC2112 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| SYC2112A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| SYC2114 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| SYC2316A | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 600NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| SYC2316B | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| SYC4050 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SYC5101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SYC5102L-3 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDR. LINES/2V MEM. HOLD | GEN. PURP. |
| SYC5102-3 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDR. LINES | GEN. PURP. |
| SYP21H02 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 200NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| SYP21H12 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 200NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| SYP21L02 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y ADDRESS 1CE LINES/LO PWR STBY | GEN. PURP. |
| SYP2102 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| SYP2102A | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| SYP2111 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SYP2111A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SYP2112 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 1CE ADDRESS LINES | 9080 |
| SYP2112A | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| SYP2114 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| SYP2316A | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 600NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| SYP2316B | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| SYP4050 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| SYP4600 | MROM | 8-BIT | 16K=2048X8(OR 4096X4)/MAX. ACCESS 600NS/7X 4Y ADDRESS LINES | GEN. PURP. |
| SYP5101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| SYP5102L-3 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDR. LINES/2V MEM. HOLD | GEN. PURP. |
| SYP5102-3 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDR. LINES | GEN. PURP. |
| SYP6501 | CPU | 8-BIT | 6500 FAM. CPU/20 EXT. CLK./6800 BUS COMPAT./65K ADDR. /1MHZ CLK. | 6500 |
| SYP6501A | CPU | 8-BIT | 6500 FAM. CPU 20 EXT. CLK./6800 BUS COMPAT. / 65K ADDR. /2MHZ CLK. | 6500 |
| SYP6502 | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/65K ADDR. CAPAC./1MHZ CLOCK | 6500 |
| SYP6502A | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/65K ADDR. CAPAC./2MHZ CLOCK | 6500 |
| SYP6503 | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./2 INTERRUPT LINES/1MHZ | 6500 |
| SYP6503A | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./2 INTERRUPT LINES/2MHZ | 6500 |
| SYP6504 | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| SYP6504A | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/8K ADDR. CAPAC./1 INTERRUPT LINE/ 2MHZ | 6500 |
| SYP6505 | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 1MHZ | 6500 |
| SYP6505A | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./1 INTERRUPT LINE/ 2MHZ | 6500 |
| SYP6506 | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./20 OFF/ 1MHZ CLOCK | 6500 |
| SYP6506A | MPU | 8-BIT | 6500 FAM. CPU/CLK ON CHIP/4K ADDR. CAPAC./20 OFF/ 2MHZ CLOCK | 6500 |
| SYP6512 | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/65K ADDR. CAPAC./ 1MHZ CLOCK | 6500 |
| SYP6512A | MPU | 8-BIT | 6500 FAM. CPU/CLK OFF CHIP/65K ADDR. CAPAC./ 2MHZ CLOCK | 6500 |
| T3151 | SRAM | 12-BIT | 512=128X4 STATIC RAM | TLCS-12A |
| T3181 | PROM | 4-BIT | 2K=512X4 REPROGRAMMABLE ROM | TLCS-12A |
| T3190 | CPU | 12-BIT | PARALLEL PROCESSOR CPU FOR TLCS-12A FAM. | TLCS-12A |
| T3216 | MEMCT | 12-BIT | MEMORY CONTROL UNIT | TLCS-12A |
| T3217 | DRVR | 12-BIT | 12-BIT BIDIRECTIONAL BUS DRIVER FOR TLCS-12A | TLCS-12A |
| T3218 | IOCTR | 12-BIT | INPUT-OUTPUT CONTROL UNIT | TLCS-12A |
| T3219 | ITRPC | 8-BIT | INTERRUPT LATCH UNIT FOR TLCS-12A FAM. | TLCS-12A |
| T3220 | IOBFR | . | 12-BIT GENERAL INPUT-OUTPUT REGISTER FOR TLCS-12A FAM. | TLCS-12A |
| T3269 | DRVR | 12-BIT | 12-BIT BIDIRECTIONAL BUS DRIVER FOR TLCS-12A | TLCS-12A |
| T3291 | MROM | 4/8BIT | 4K=1024X4 OR 512X8 BIT MASK PROGRAMMABLE ROM | TLCS-12A |
| T3412 | ARU | 16-BIT | 16-BIT ARITHMETIC CONTROL UNIT | T-40L |
| T3413 | IOCTR | 4-BIT | 4-BIT BUS CONTROL UNIT FOR T-40L FAM. | T-40L |
| T3416 | MEMCT | . | MEMORY CONTROL UNIT FOR TLCS-12A FAM. | TLCS-12A |
| T3418 | IOCTR | 12-BIT | I-O DEVICE CONTROL UNIT | TLCS-12A |
| T3444A | FLPDC | 8-BIT | FLOPPY DISK CONTROLLER/IBM3740 DATA FORMAT | T3444 |
| T3444BS | CSTPC | 8-BIT | DIGITAL CASSETTE CONTROLLER/ISO DATA FORMAT | T3444 |
| T3444D | FLPDC | . | DOUBLE-SIDE FLOPPY DISK CONTROLLER/IBM FORMAT | T3444 |
| T3444M | FLPDC | . | MINI-FLOPPY DISK CONTROLLER | T3444 |
| T3445 | DMAC | 12-BIT | DMA CONTROLLER FOR TLCS-12A | TLCS-12A |
| T3535 | CPU | 12-BIT | PARALLEL PROCESSOR CPU FOR TLCS-12A FAM. | TLCS-12A |
| T3541A | MEMCT | 4-BIT | CONTROLLER FOR TMM142C NON-VOLATILE SRAM | GEN. PURP. |
| TC5000C | SHFTR | 2-BIT | DUAL 50/64 STATIC SHIFT REGISTER | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| SYN | DIL-28/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6515 | SY6515 |
| SYN | DIL-28/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6515A | SY6515A |
| SYN | DIL-40/2P | NMOS | 0C/+70C | +5V | 500XMW | TTL | TTL/TS | MCS6520 | SY6520 |
| SYN | DIL-40/2P | NMOS | 0C/+70C | +5V | 1MXW | TTL | TTL/TS | MCS6522 | SY6522 |
| SYN | DIL-40/2C | NMOS | 0C/+70C | +5V | 1MXW | TTL | TTL/TS | MCS6530 | SY6530 |
| SYN | DIL-40/2P | NMOS | 0C/+70C | +5V | 1MXW | TTL | TTL/TS | MCS6532 | SY6532 |
| SYN | DIL-16/1C | NMOS | 0C/+70C | +5V | 90MXMA | TTL | TTL/TS | | SYC21H02 |
| SYN | DIL-16/1C | NMOS | 0C/+70C | +5V | 90MXMA | TTL | TTL/TS | | SYC21H12 |
| SYN | DIL-16/1C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | 21L02F | SYC21L02 |
| SYN | DIL-16/1C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | C2102 | SYC2102 |
| SYN | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102A | SYC2102A |
| SYN | DIL-18/1C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2111A | SYC2111 |
| SYN | DIL-18/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | D2111A | SYC2111A |
| SYN | DIL-16/1C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | C2112 | SYC2112 |
| SYN | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2112A | SYC2112A |
| SIE | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | C2114 | SYC2114 |
| SYN | DIL-24/2C | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | D2316A | SYC2316A |
| SYN | DIL-24/2C | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | D2316E | SYC2316B |
| SYN | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 60MXMA | TTL | TTL/OD | TMS4050JL | SYC4050 |
| SYN | DIL-22/4C | CMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | | SYC5101 |
| SYN | DIL-16/1P | CMOS | 0C/+70C | +5V | 25MXMA | TTL | TTL | CMOS2102 | SYC5102L-3 |
| SYN | DIL-16/1C | CMOS | 0C/+70C | +5V | 25MXMA | TTL | TTL | CMOS2102 | SYC5102-3 |
| SYN | DIL-16/1P | NMOS | 0C/+70C | +5V | 90MXMA | TTL | TTL/TS | | SYP21H02 |
| SYN | DIL-16/1P | NMOS | 0C/+70C | +5V | 90MXMA | TTL | TTL/TS | | SYP21H12 |
| SYN | DIL-16/1P | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | 21L02B | SYP21L02 |
| SYN | DIL-16/1P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | C2102 | SYP2102 |
| SYN | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102A | SYP2102A |
| SYN | DIL-18/1P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | P2111A | SYP2111 |
| SYN | DIL-18/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2111A | SYP2111A |
| SYN | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2112 | SYP2112 |
| SYN | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2112A | SYP2112A |
| SIE | DIL-18/1C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | | SYP2114 |
| SYN | DIL-24/2C | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | P2316A | SYP2316A |
| SYN | DIL-24/2P | NMOS | 0C/+70C | +5V | 160MXMA | TTL | TTL/TS | D2316E | SYP2316B |
| SYN | DIL-18/1P | NMOS | 0C/+70C | -5V/+12V | 60MXMA | TTL | TTL/OD | TM4050NL | SYP4050 |
| SYN | DIL-24/2P | NMOS | 0C/+70C | +5V | 150XMW | TTL | TTL/TS | EA4600PC | SYP4600 |
| SYN | DIL-22/4P | CMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | | SYP5101 |
| SYN | DIL-16/1C | CMOS | 0C/+70C | +5V | 25MXMA | TTL | TTL | CMOS2102 | SYP5102L-3 |
| SYN | DIL-16/1P | CMOS | 0C/+70C | +5V | 25MXMA | TTL | TTL | CMOS2102 | SYP5102-3 |
| SYN | DIL-40/2 | NMOS | 0C/+70C | +5V | 700MXMA | TTL | TTL/TS | MCS6501 | SYP6501 |
| SYN | DIL-40/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6501A | SYP6501A |
| SYN | DIL-40/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6502 | SYP6502 |
| SYN | DIL-40/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6502A | SYP6502A |
| SYN | DIL-28/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6503 | SYP6503 |
| SYN | DIL-28/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6503A | SYP6503A |
| SYN | DIL-28/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6504 | SYP6504 |
| SYN | DIL-28/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6504A | SYP6504A |
| SYN | DIL-28/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6505 | SYP6505 |
| SYN | DIL-28/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6505A | SYP6505A |
| SYN | DIL-28/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6506 | SYP6506 |
| SYN | DIL-28/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6506A | SYP6506A |
| SYN | DIL-28/2P | NMOS | 0C/+70C | +5V | 700XMW | TTL | TTL/TS | MCS6512 | SYP6512A |
| TOS | DIL-16/1P | PMOS | 0C/+70C | -5V/+5V | 330TPMW | PMOS | PMOS | | T3151 |
| TOS | DIL-24/2P | PMOS | 0C/+70C | -5V/+5V/+9V | 370TPMW | PMOS | PMOS | | T3151 |
| TOS | DIL-42/2P | PMOS | 0C/+70C | -5V/0V/+5V | 800TPMW | TTL | TTL | | T3190 |
| TOS | DIL-42/2P | PMOS | 0C/+70C | -5V/0V/+5V | 300TPMW | | | | T3216 |
| TOS | DIL-36/2P | PMOS | 0C/+70C | | | | | | T3217 |
| TOS | DIL-42/2P | PMOS | 0C/+70C | -5V/0V/+5V | 300TPMW | | | | T3218 |
| TOS | DIL-36/2P | CMOS | 0C/+70C | 0V/+5V | 2TPMW | TTL | TTL | | T3219 |
| TOS | DIL-42/2P | PMOS | 0C/+70C | -5V/0V/+5V | 350TPMW | | | | T3220 |
| TOS | DIL-36/2P | PMOS | 0C/+70C | -5V/0V/+5V | 300TPMW | | | | T3269 |
| TOS | DIL-24/2P | PMOS | 0C/+70C | -5V/0V/+5V | 500XMW | | | | T3291 |
| TOS | DIL-42/2P | NMOS | 0C/+70C | | | | | | T3412 |
| TOS | DIL-42/2P | NMOS | 0C/+70C | | | | | | T3413 |
| TOS | DIL-42/2P | PMOS | 0C/+70C | | | | | | T3416 |
| TOS | DIL-42/2P | PMOS | 0C/+70C | | | | | | T3418 |
| TOS | DIL-40/2C | NMOS | 0C/+70C | | | TTL | TTL | | T3444A |
| TOS | DIL-40/2C | NMOS | 0C/+70C | | | TTL | TTL | | T3444BS |
| TOS | DIL-40/2C | NMOS | 0C/+70C | | | TTL | TTL | | T3444D |
| TOS | DIL-40/2C | NMOS | 0C/+70C | | | TTL | TTL | | T3444M |
| TOS | DIL-36/2P | PMOS | 0C/+70C | | | | | | T3445 |
| TOS | DIL-36/2P | PMOS | 0C/+70C | -5V/0V/+5V | | TTL | TTL | | T3535 |
| TOS | T05-12/1M | CMOS | 0C/+70C | -29/-15/+5/+29 | 425XMW | | | | T3541A |
| TOS | DIL-16/1C | CMOS | 0C/+70C | | | | | | TC5000C |

| DEVICE TYPE NO | FUNC TION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------------|--------------------------|------------------------|--|--------------------------|
| TC5001C | CTC | . | 4-DIGIT DECADE COUNTER | GEN. PURP. |
| TC5002P | DECDR | 4-BIT | BCD-TO-7 SEGMENT DECODER DRIVER | GEN. PURP. |
| TC5004P | SHFTR | 2-BIT | DUAL 500/512-BIT DYNAMIC SHIFT REGISTER | GEN. PURP. |
| TC5006P | SRAM | . | 1004-BIT STATIC RAM | GEN. PURP. |
| TC5007C | SRAM | 4-BIT | 1024=256X4 STATIC RAM | GEN. PURP. |
| TC5016AP-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 550NS | GEN. PURP. |
| TC5016AP-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 800NS | GEN. PURP. |
| TC5047AP-1 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 550NS | GEN. PURP. |
| TC5047AP-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 800NS | GEN. PURP. |
| TC5501P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| TC5501P-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| TC5501P-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY | GEN. PURP. |
| TC5504C-1 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 550NS/6X 6Y 1CE ADDRESS LINES | 6100 |
| TC5504C-2 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 800NS/6X 6Y 1CE ADDRESS LINES | 6100 |
| TC5504P-1 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 550NS/6X 6Y 1CE ADDRESS LINES | 6100 |
| TC5504P-2 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 800NS/6X 6Y 1CE ADDRESS LINES | 6100 |
| TC5508P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 370NS/5X 5Y 1CS ADDRESS LINES | 6100 |
| TC5508P-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 550NS/5X 5Y 1CS ADDRESS LINES | 6100 |
| TC5514P-1 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 650NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TC5514P-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 800NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TCP4600C | MICMP | 4-BIT | EVALUATOR CHIP FOR TLCS46/DISENGAGED ROM/160X4 RAM | TLCS46 |
| TCP4610P | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/48X4 RAM/1024X8 ROM | TLCS46 |
| TCP4620P | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/96X4 RAM/2048X8 ROM | TLCS46 |
| TCP4630P | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/160X4 RAM/3072X8 ROM | TLCS46 |
| TD25LS138P | DECDR | 8-BIT | 1-OUT-OF-8 BINARY DECODER/P8205 REPLACEMENT | 9080 |
| TD8216P | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/8080 DATA BUS BUFFER DVR | 8080-9080 |
| TDP8212C | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080-9080 FAMILIES | 8080-9080 |
| TDP8212P | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080-9080 FAMILIES | 8080-9080 |
| TDP8216C | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/8080 DATA BUS BUFFER DVR | 8080-9080 |
| TDP8224C | CLOCK | . | 2-PHASE CLOCK GEN. DRIVER FOR 8080-9080 FAMS. | 8080-9080 |
| TDP8224P | CLOCK | . | 2-PHASE CLOCK GEN. DRIVER FOR 8080-9080 FAMS. | 8080-9080 |
| TDP8226C | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER | 8080-9080 |
| TDP8226P | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER | 8080-9080 |
| TDP8228C | SYST | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMS. | 8080-9080 |
| TDP8228P | SYST | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMS. | 8080-9080 |
| TIM9904J | CLOCK | . | 4-PHASE CLOCK GENERATOR-DRIVER FOR 9900 FAM. (APP. B)/=SN74LS362 | 9900 |
| TIM9904JL | CLOCK | . | 4-PHASE CLOCK GENERATOR-DRIVER FOR 9900 FAM. (APP. B)/=SN74LS362 | 9900 |
| TIM9904N | CLOCK | . | 4-PHASE CLOCK GENERATOR-DRIVER FOR 9900 FAM. (APP. B)/=SN74LS362 | 9900 |
| TIM9904NL | CLOCK | . | 4-PHASE CLOCK GENERATOR-DRIVER FOR 9900 FAM. (APP. B)/=SN74LS362 | 9900 |
| TIM9905J | MUX | 8/3BIT | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/17NS TYP. DELAY | 9980-9900 |
| TIM9905N | MUX | 8/3BIT | DATA SELECTOR-MULTIPLEXER/8 I-P/1 PAIR COMP. O-P/17NS TYP. DELAY | GEN. PURP. |
| TIM9906J | LATCH | 8-BIT | ADDRESSABLE LATCH/TYP. PROP. DELAY 20NS/EQVT. TO SN74LS259J | GEN. PURP. |
| TIM9906N | LATCH | 8-BIT | ADDRESSABLE LATCH/TYP. PROP. DELAY 20NS/EQVT. TO SN74LS259N | GEN. PURP. |
| TIM9907J | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| TIM9907N | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| TIM9908J | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| TIM9908N | CDCVR | 3-BIT | 8-DATA-LINES TO 3-LINE-BINARY PRIORITY ENCODER/TYP. DELAY 10NS | 9900 |
| TIM9915 | MEMCT | . | DYNAMIC RAM CONTROLLER CHIP SET/TIM9915A+TIM9915B+TIM9915C | 9900 |
| TIM9915A | MEMCT | . | REFRESH TIMING CONTROLLER/ONE OF 3-CHIP SET TIM9915 | 9900 |
| TIM9915B | MEMCT | . | MEMORY TIMING CONTROLLER/ONE OF 3-CHIP SET TIM9915 | 9900 |
| TIM9915C | MEMCT | . | MULTIPLEXER LATCH/ONE OF 3-CHIP SET TIM9915 | 9900 |
| TMM121C | EPROM | 4-BIT | 2K=512X4/MAX. ACCESS 1.5uS | GEN. PURP. |
| TMM121C-1 | EPROM | 4-BIT | 2K=512X4/MAX. ACCESS 1uS | GEN. PURP. |
| TMM142C | SRAM | 4-BIT | 1K=256X4/NON/VOLATILE RAM/MAX. ACCESS 1.5uS/CONTROLLER= T3541A | GEN. PURP. |
| TMM311P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS /5X 3Y 2CE ADDRESS LINES | 9080 |
| TMM311P-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | 9080 |
| TMM312P | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS /5X 3Y 1CE ADDRESS LINES | 9080 |
| TMM312P-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 1CE ADDRESS LINES | 9080 |
| TMM313P | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| TMM313P-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| TMM313P-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| TMM314AP | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| TMM314AP-1 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| TMM314APL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| TMM314APL-1 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | 8080 |
| TMM315C | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| TMM315C-1 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| TMM315D | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| TMM315D-1 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| TMM315P | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| TMM315P-1 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| TMM322C | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMM323C | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085/8080 |
| TMM331AP | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| TMM332P | MROM | 4-BIT | 16K=2X(2048X4)/MAX. ACCESS 850NS | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| TOS | DIL-24/2C | CMOS | 0C/+70C | . . . | . . . | . . . | . . . | . . . | TC5001C |
| TOS | DIL-16/1P | CMOS | 0C/+70C | . . . | . . . | . . . | . . . | . . . | TC5002P |
| TOS | DIL-16/1P | CMOS | 0C/+70C | . . . | . . . | . . . | . . . | . . . | TC5004P |
| TOS | DIL-16/1P | CMOS | 0C/+70C | . . . | . . . | . . . | . . . | . . . | TC5006P |
| TOS | DIL-22/2C | CMOS | 0C/+70C | . . . | . . . | . . . | . . . | . . . | TC5007C |
| TOS | DIL-16/1P | CMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL | . . . | TC5016AP-1 |
| TOS | DIL-16/1P | CMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL | . . . | TC5016AP-2 |
| TOS | DIL-20/4P | CMOS | 0C/+70C | . . . +5V | 110MXMW | . . . TTL | . . . TTL/TS | . . . | TC5047AP-1 |
| TOS | DIL-20/4P | CMOS | 0C/+70C | . . . +5V | 110MXMW | . . . TTL | . . . TTL/TS | . . . | TC5047AP-2 |
| TOS | DIL-22/4P | CMOS | 0C/+70C | . . . +5V | 83MXMW | . . . TTL | . . . TTL/TS | P5101L | TC5501P |
| TOS | DIL-22/4P | CMOS | 0C/+70C | . . . +5V | 83MXMW | . . . TTL | . . . TTL/TS | P5101-8 | TC5501P-1 |
| TOS | DIL-22/4P | CMOS | 0C/+70C | . . . +5V | 83MXMW | . . . TTL | . . . TTL/TS | P5101L | TC5501P-2 |
| TOS | DIL-18/1C | CMOS | 0C/+70C | . . . +5V | 110MXMW | TTL/CMOS | TTL/CMOS | HM6504 | TC5504C-1 |
| TOS | DIL-18/1C | CMOS | 0C/+70C | . . . +5V | 110MXMW | TTL/CMOS | TTL/CMOS | HM6504 | TC5504C-2 |
| TOS | DIL-18/1P | CMOS | 0C/+70C | . . . +5V | 110MXMW | TTL/CMOS | TTL/CMOS | HM6504 | TC5504P-1 |
| TOS | DIL-18/1P | CMOS | 0C/+70C | . . . +5V | 110MXMW | TTL/CMOS | TTL/CMOS | HM6504 | TC5504P-2 |
| TOS | DIL-16/1P | CMOS | 0C/+70C | . . . +5V | 55MXMW | . . . TTL | . . . TTL/TS | IM6508-1IJ | TC5508P |
| TOS | DIL-16/1P | CMOS | 0C/+70C | . . . +5V | 55MXMW | . . . TTL | . . . TTL/TS | IM6508CJ | TC5508P-1 |
| TOS | DIL-18/1P | CMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL/TS | P2114 | TC5514P-1 |
| TOS | DIL-18/1P | CMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL/TS | P2114 | TC5514P-2 |
| TOS | QIL-64/1P | CMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL | . . . | TCP4600C |
| TOS | DIL-28/2C | CMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL | . . . | TCP4610P |
| TOS | DIL-42/2P | CMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL | . . . | TCP4620P |
| TOS | DIL-42/2P | CMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL | . . . | TCP4630P |
| TOS | DIL-16/1P | LSTL | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL | P8205 | TD25LS138P |
| TOS | DIL-16/1P | STLB | 0C/+70C | . . . +5V | 375MXMW | . . . TTL | . . . TTL/TS | P8216 | TD8216P |
| TOS | DIL-24/2C | TTLB | 0C/+70C | . . . +5V | 130MXMA | . . . TTL | . . . TTL/TS | D8212 | TD8212C |
| TOS | DIL-24/2P | TTLB | 0C/+70C | . . . +5V | 130MXMA | . . . TTL | . . . TTL/TS | P8212 | TD8212P |
| TOS | DIL-16/1C | STLB | 0C/+70C | . . . +5V | 375MXMW | . . . TTL | . . . TTL/TS | D8216 | TD8216C |
| TOS | DIL-16/1C | STLB | 0C/+70C | . . . +5V/+12V | 115MXMA | . . . | . . . TTL | D8224 | TD8224C |
| TOS | DIL-16/1C | STLB | 0C/+70C | . . . +5V/+12V | 115MXMA | . . . | . . . TTL | P8224 | TD8224P |
| TOS | DIL-16/1C | STLB | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL/TS | D8226 | TD8226C |
| TOS | DIL-16/1C | STLB | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL/TS | D8226 | TD8226P |
| TOS | DIL-28/2C | TTLB | 0C/+70C | . . . +5V | 190MXMA | . . . TTL | . . . TTL/TS | D8228 | TD8228C |
| TOS | DIL-28/2P | TTLB | 0C/+70C | . . . +5V | 190MXMA | . . . TTL | . . . TTL/TS | P8228 | TD8228P |
| III | DIL-20/1C | STLB | 0C/+70C | . . . +5V/+12V | 175MXMA | . . . TTL | . . . TTL | TIM9904N | TIM9904J |
| III | DIL-20/1C | STLB | 0C/+70C | . . . +5V/+12V | 175MXMA | . . . TTL | . . . TTL | TIM9904JN | TIM9904JL |
| III | DIL-20/1P | STLB | 0C/+70C | . . . +5V/+12V | 175MXMA | . . . TTL | . . . TTL | TIM9904J | TIM9904N |
| III | DIL-20/1P | STLB | 0C/+70C | . . . +5V/+12V | 175MXMA | . . . TTL | . . . TTL | TIM9904JL | TIM9904NL |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 357PMW | . . . TTL | . . . TTL/TS | SN746S251J | TIM9905J |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 357PMW | . . . TTL | . . . TTL/TS | SN74S251N | TIM9905N |
| III | DIL-16/1C | LSTB | 0C/+70C | . . . +5V | 22TPMA | . . . TTL | . . . TTL | SN74LS259J | TIM9906J |
| III | DIL-16/1P | LSTB | 0C/+70C | . . . +5V | 22TPMA | . . . TTL | . . . TTL | SN74LS259N | TIM9906N |
| III | DIL-16/1C | TTLB | 0C/+70C | . . . +5V | 190TPMW | . . . TTL | . . . TTL | SN74148J | TIM9907J |
| III | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 190TPMW | . . . TTL | . . . TTL | SN74148N | TIM9907N |
| III | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 190TPMW | . . . TTL | . . . TTL/TS | SN74LS348J | TIM9908J |
| III | DIL-16/1P | TTLB | 0C/+70C | . . . +5V | 190TPMW | . . . TTL | . . . TTL/TS | SN74LS348N | TIM9908N |
| III | DIL-16/1 | NMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL | . . . | TIM9915 |
| III | DIL-16/1 | NMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL | . . . | TIM9915A |
| III | DIL-16/1 | NMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL | . . . | TIM9915B |
| III | DIL-28/2 | NMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL | . . . | TIM9915C |
| TOS | DIL-24/2C | PMOS | 0C/+70C | . . . -9V/+5V/+12V | 680MXMW | . . . TTL | . . . TTL/TS | . . . | TMM121C |
| TOS | DIL-24/2C | PMOS | 0C/+70C | . . . -9V/-5V/+5V | 680MXMW | . . . TTL | . . . TTL/TS | . . . | TMM121C-1 |
| TOS | DIL-18/1C | PMOS | 0C/+70C | . . . -15V/+5V | 840MXMW | . . . TTL | . . . TTL/TS | . . . | TMM142C |
| TOS | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 368MXMW | . . . TTL | . . . TTL/TS | P2111 | TMM311P |
| TOS | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 368MXMW | . . . TTL | . . . TTL/TS | P2111-2 | TMM311P-1 |
| TOS | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 368MXMW | . . . TTL | . . . TTL/TS | P2112 | TMM312P |
| TOS | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 368MXMW | . . . TTL | . . . TTL/TS | P2112-2 | TMM312P-1 |
| TOS | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 368MXMW | . . . TTL | . . . TTL/TS | P2102A | TMM313P |
| TOS | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 368MXMW | . . . TTL | . . . TTL/TS | P2102A-2 | TMM313P-1 |
| TOS | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 368MXMW | . . . TTL | . . . TTL/TS | P2102A-4 | TMM313P-4 |
| TOS | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 550MXMW | . . . TTL | . . . TTL/TS | P2114 | TM314AP |
| TOS | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 550MXMW | . . . TTL | . . . TTL/TS | P2114-2 | TM314AP-1 |
| TOS | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 385MXMA | . . . TTL | . . . TTL/TS | P2114L | TM314APL |
| TOS | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 385MXMW | . . . TTL | . . . TTL/TS | P2114L-2 | TM314APL-1 |
| TOS | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 500MXMW | . . . TTL | . . . TTL/TS | C2147 | TMM315C |
| TOS | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 600MXMW | . . . TTL | . . . TTL/TS | C2147-3 | TMM315C-1 |
| TOS | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 500MXMW | . . . TTL | . . . TTL/TS | C2147 | TMM315D |
| TOS | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 600MXMW | . . . TTL | . . . TTL/TS | C2147-3 | TMM315D-1 |
| TOS | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 500MXMW | . . . TTL | . . . TTL/TS | C2147 | TMM315P |
| TOS | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 600MXMW | . . . TTL | . . . TTL/TS | C2147-3 | TMM315P-1 |
| TOS | DIL-24/2Q | NMOS | 0C/+70C | . . . -5V/+5V/+12V | 800MXMW | . . . TTL | . . . TTL/TS | B2708 | TMM322C |
| TOS | DIL-24/2Q | NMOS | 0C/+70C | . . . +5V | 525MXMW | . . . TTL | . . . TTL/TS | D2716 | TMM323C |
| TOS | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 515MXMW | . . . TTL | . . . TTL/TS | D2316E | TMM331AP |
| TOS | DIL-24/1P | NMOS | 0C/+70C | . . . +5V | . . . | . . . TTL | . . . TTL/TS | . . . | TMM332P |

| DEVICE TYPE NO | FUNCI ON app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| TMM333P | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/8X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| TMM334P | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| TMM416C-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| TMM416C-4 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| TMM416D-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| TMM416D-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| TMM416D-4 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MUX. ADDRESS LINES | GEN. PURP. |
| TMP4110P | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/MICROPROCESSOR FOR ECR, 100uSEC INST. | ORIGINAL |
| TMP4190P | PRTRC | | PRINTER CONTROLLER FOR CR-101 | TCLS-41 |
| TMP4191P | PRTRC | | PRINTER CONTROLLER FOR CR-330 | TCLS-41 |
| TMP4300C | MICMP | 4-BIT | EVALUATOR CHIP FOR TLCS-43/128X4 RAM | TLCS-43 |
| TMP4310P | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/48X4 RAM/1024X8 ROM | TLCS43 |
| TMP4315AP | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/64X4 RAM/1536X8 ROM | TLCS43 |
| TMP4320P | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/128X4 RAM/2048X8 ROM | TLCS43 |
| TMP8048C | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1024X8 ROM/27 I-O LINES | 8048 |
| TMP8048P | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1024X8 ROM/27 I-O LINES | 8048 |
| TMP8085AC | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.2uS | 8085 |
| TMP8085AP | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.2uS | 8085 |
| TMP8155C | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8048-8085 |
| TMP8155P | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8048-8085 |
| TMP8355C | ROMIO | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8 ADDR.-DATA 2CE ADD. LINES | 8048-8085 |
| TMP8355P | ROMIO | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8 ADDR.-DATA 2CE ADD. LINES | 8048-8085 |
| TMP8755C | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8X 3Y 2CE ADDRESS LINES | 8085 |
| TMP9080AC | MPU | 8-BIT | 1-CHIP CPU OF 9080 FAM. (APP. B)/MIN. CLOCK PERIOD 480NS | 9080 |
| TMP9080AP | MPU | 8-BIT | 1-CHIP CPU OF 9080 FAM. (APP. B)/MIN. CLOCK PERIOD 480NS | 9080 |
| TMP9517C | DMAC | 8-BIT | MULTIMODE DMA CONTROLLER/8257 REPLACEMENT | 8080-9080 |
| TMP9517P | DMAC | 8-BIT | MULTIMODE DMA CONTROLLER/8257 REPLACEMENT | 8080-9080 |
| TMP9519C | ITRPC | 8-BIT | UNIVERSAL INTERRUPT CONTROLLER/8259 REPLACEMENT | 8080-9080 |
| TMP9519P | ITRPC | 8-BIT | UNIVERSAL INTERRUPT CONTROLLER/8259 REPLACEMENT | 8080-9080 |
| TMP9551C | USART | 5-8BIT | UNIVERSAL SYNCHRONOUS-ASYNCHRONOUS RECEIVER-TRANSMITTER | 9080-8080 |
| TMP9551P | USART | 5-8BIT | UNIVERSAL SYNCHRONOUS-ASYNCHRONOUS RECEIVER-TRANSMITTER | 9080-8080 |
| TMP9555C | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAM. | 8080-9080 |
| TMP9555P | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAM. | 8080-9080 |
| TMS40L44JL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L44NL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L44-20JL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L44-20NL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L44-25JL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L44-25NL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L45JL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L45NL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L45-25JL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L45-25NL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L45-30JL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L45-30NL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L45-45JL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L45-45NL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L46JL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES/2 DC LINES | GEN. PURP. |
| TMS40L46NL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES/2 DC LINES | GEN. PURP. |
| TMS40L46-20JL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES/2 DC LINES | GEN. PURP. |
| TMS40L46-20NL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES/2 DC LINES | GEN. PURP. |
| TMS40L46-25JL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES/2 DC LINES | GEN. PURP. |
| TMS40L46-25NL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES/2 DC LINES | GEN. PURP. |
| TMS40L46-45JL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES/2 DC LINES | GEN. PURP. |
| TMS40L46-45NL | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/6X 6Y 1CS ADDRESS LINES/2 DC LINES | GEN. PURP. |
| TMS40L47JL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L47NL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L47-25JL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L47-30JL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L47-30NL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L47-45JL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS40L47-45NL | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| TMS1000JL | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/28 PIN/20V RATED/1KX8 ROM/64X4 RAM | 1000 |
| TMS1000NL | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/28 PIN/20V RATED/1KX8 ROM/64X4 RAM | 1000 |
| TMS1070JL | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/28 PIN/35V RATED/1KX8 ROM/64X4 RAM | 1000 |
| TMS1070NL | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/28 PIN/35V RATED/1KX8 ROM/64X4 RAM | 1000 |
| TMS1099JLSE1 | TESTC | 4-BIT | SYSTEM EVALUATORS FOR TMS1000/1200 SYSTEMS | 1000 |
| TMS1100JL | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/28 PIN/20V RATED/2KX8 ROM/128X4 RAM | 1000 |
| TMS1100NL | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/28 PIN/20V RATED/2KX8 ROM/128X4 RAM | 1000 |
| TMS1200NL | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/40 PIN/20V RATED/1KX8 ROM/64X4 RAM | 1000 |
| TMS1270JL | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/40 PIN/35V RATED/1KX8 ROM/64X4 RAM | 1000 |
| TMS1270NL | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/40 PIN-35V RATED/1KX8 ROM/64X4 RAM | 1000 |
| TMS1300JL | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/40-PIN/20V RATED/2KX8 ROM/128X4 RAM | 1000 |
| TMS1300NL | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/40 PIN/20V RATED/2KX8 ROM/128X4 RAM | 1000 |
| TMS2101 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|---------------|----------------|
| TOS | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | R2332 | TMM333P |
| TOS | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 420MXMW | . TTL | TTL/TS | | TMM334P |
| TOS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4116J-3 | TMM416C-3 |
| TOS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4116P-4 | TMM416C-4 |
| TOS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4116P-2 | TMM416D-2 |
| TOS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4116P-3 | TMM416D-3 |
| TOS | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4116P-4 | TMM416D-4 |
| TOS | DIL-42/2P | NMOS | 0C/+70C | . . . | . . . | . TTL | . TTL | . . . | TMP4110P |
| TOS | DIL-42/2P | NMOS | 0C/+70C | . . . | . . . | . TTL | . TTL | . . . | TMP4190P |
| TOS | DIL-42/2P | NMOS | 0C/+70C | . . . | . . . | . TTL | . TTL | . . . | TMP4191P |
| TOS | QIL-64/1C | NMOS | 0C/+70C | . . . | . . . | . TTL | . TTL | . . . | TMP4300C |
| TOS | DIL-28/2P | NMOS | 0C/+70C | . . . | . . . | . TTL | . TTL | . . . | TMP4310P |
| TOS | DIL-42/2P | NMOS | 0C/+70C | . . . | . . . | . TTL | . TTL | . . . | TMP4315AP |
| TOS | DIL-42/2P | NMOS | 0C/+70C | . . . | . . . | . TTL | . TTL | . . . | TMP4320P |
| TOS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | . TTL | D8048 | TMP8048C |
| TOS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | . TTL | P8048 | TMP8048P |
| TOS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 170MXMA | . TTL | . TTL | C8085A | TMP8085AC |
| TCS | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 170MXMA | . TTL | . TTL | C8085A | TMP8085AP |
| TOS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | . TTL | DB155 | TMP8155C |
| TOS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | . TTL | P8155 | TMP8155P |
| TOS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | . TTL | C8355 | TMP8355C |
| TOS | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | . TTL | P8355 | TMP8355P |
| TOS | DIL-40/2Q | NMOS | 0C/+70C | . . +5V | 180MXMA | . TTL | . TTL | C8755 | TMP8755C |
| TOS | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | . TTL | . TTL | AM9080ADC | TMP9080AC |
| TOS | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | . TTL | . TTL | AM9080APC | TMP9080APC |
| TOS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | . . . | . TTL | TTL/TS | AM9517DC | TMP9517C |
| TOS | DIL-40/2P | NMOS | 0C/+70C | . . +5V | . . . | . TTL | TTL/TS | AM9517DC | TMP9517P |
| TOS | DIL-28/2C | NMOS | 0C/+70C | . . +5V | 50TPMA | . TTL | TTL/TS | AM9519DC | TMP9519C |
| TOS | DIL-28/2P | NMOS | 0C/+70C | . . +5V | 50TPMA | . TTL | TTL/TS | AM9519DC | TMP9519P |
| TOS | DIL-28/2C | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AM9551DC | TMP9551C |
| TOS | DIL-28/2C | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AM9551PC | TMP9551P |
| TOS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AM9555DC | TMP9555C |
| TOS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AM9555DC | TMP9555P |
| III | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L44-45JL | TMS40L44JL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L44-45NL | TMS40L44NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L44-20JL | TMS40L44-20JL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L44-20JL | TMS40L44-20NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L44-25NL | TMS40L44-25JL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L44-25JL | TMS40L44-25NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | MCM21L14-45C | TMS40L45JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | MCM21L14-45C | TMS40L45NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | MCM21L14-45C | TMS40L45-25JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | MCM21L14-25C | TMS40L45-25NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | MCM21L14-30C | TMS40L45-30JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | MCM21L14-30C | TMS40L45-30NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | MCM21L14-45C | TMS40L45-45JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | MCM21L14-45P | TMS40L45-45NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L46JN | TMS40L46JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L46JL | TMS40L46NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L46-20NL | TMS40L46-20JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L46-20JL | TMS40L46-20NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L46-25NL | TMS40L46-25JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L46-25JL | TMS40L46-25NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L46-45NL | TMS40L46-45JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . +5V | 275MXMW | . TTL | TTL/TS | TMS40L46-45JL | TMS40L46-45NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | TMS40L47NL | TMS40L47JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | TMS40L47JL | TMS40L47NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | TMS40L47-25NL | TMS40L47-25JL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | TMS40L47-30NL | TMS40L47-30JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | TMS40L47-30JL | TMS40L47-30NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | TMS40L47-45NL | TMS40L47-45JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . +5V | 370MXMW | . TTL | TTL/TS | TMS40L47-45JL | TMS40L47-45NL |
| III | DIL-28/2C | PMOS | 0C/+70C | . . -15V | 10MXMA | -4/-1.3V | . . . | . . . | TMS1000JL |
| III | DIL-28/2P | PMOS | 0C/+70C | . . -15V | 10MXMA | -4/-1.3V | . . . | . . . | TMS1000NL |
| III | DIL-28/2C | PMOS | 0C/+70C | . . -15V | 10MXMA | -8/-6V | . . . | . . . | TMS1070JL |
| III | DIL-28/2P | PMOS | 0C/+70C | . . -15V | 10MXMA | -8/-6V | . . . | . . . | TMS1070NL |
| III | DIL-64/3C | PMOS | 0C/+70C | . . -15V | 11MXMA | -4/-1.3V | . . . | . . . | TMS1099JL/SE1 |
| III | DIL-28.2C | PMOS | 0C/+70C | . . -15V | 11MXMA | -4/-1.3V | . . . | . . . | TMS1100JL |
| III | DIL-28/2P | PMOS | 0C/+70C | . . -15V | 11MXMA | -4/-1.3V | . . . | . . . | TMS1100NL |
| III | DIL-40/2P | PMOS | 0C/+70C | . . -15V | 10MXMA | -4/-1.3V | . . . | . . . | TMS1200NL |
| III | DIL-40/2C | PMOS | 0C/+70C | . . -15V | 10MXMA | -8/-6V | . . . | . . . | TMS1270JL |
| III | DIL-40/2P | PMOS | 0C/+70C | . . -15V | 10MXMA | -8/-6V | . . . | . . . | TMS1270NL |
| III | DIL-40/2C | PMOS | 0C/+70C | . . -15V | 11MXMA | -4/-1.3V | . . . | . . . | TMS1300JL |
| III | DIL-40/2P | PMOS | 0C/+70C | . . -15V | 11MXMA | -4/-1.3V | . . . | . . . | TMS1300NL |
| III | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | B2101A-4 | TMS2101 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|---------------------|------------------|--------------------|---------------------|-------------|-----------------|
| TII | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | B2101A-4 | TMS2101JL |
| TII | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4039NL | TMS2101NL |
| TII | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | B2101A-4 | TMS2101-1 |
| TII | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4039-2JL | TMS2101-1JL |
| TII | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4039-2NL | TMS2101-1NL |
| TII | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | B2101A-4 | TMS2101-2 |
| TII | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4039-1JL | TMS2101-2JL |
| TII | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2101A-4 | TMS2101-2NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | TMS4035JL | TMS2102JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | TMS4035NL | TMS2102NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | TMS4033JL | TMS2102-1JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2102A | TMS2102-1NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | TMS4034JL | TMS2102-2JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | TMS4034NL | TMS2102-2NL |
| TII | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4042JL | TMS2111JL |
| TII | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4042NL | TMS2111NL |
| TII | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4042-2JL | TMS2111-1JL |
| TII | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4042-2NL | TMS2111-1NL |
| TII | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | C2111A | TMS2111-2JL |
| TII | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4042-1NL | TMS2111-2NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4043JL | TMS2112JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4043NL | TMS2112NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4043-1JL | TMS2112-2JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS4043-1JL | TMS2112-2NL |
| TII | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 495MXMW | . TTL | TTL/TS | . | TMS4008JL |
| TII | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 495MXMW | . TTL | TTL/TS | . | TMS4008NL |
| TII | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 495MXMW | . TTL | TTL/TS | . | TMS4016JL |
| TII | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 495MXMW | . TTL | TTL/TS | . | TMS4016NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 40MXMA | . TTL | . TTL | MK4027P-2 | TMS4027-15JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 40MXMA | . TTL | . TTL | MK4027N-2 | TMS4027-15NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 40MXMA | . TTL | . TTL | MK4027P-3 | TMS4027-20JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 40MXMA | . TTL | . TTL | MK4027N-3 | TMS4027-20NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 40MXMA | . TTL | . TTL | MK4027P-4 | TMS4027-25JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 40MXMA | . TTL | . TTL | MK4027N-4 | TMS4027-25NL |
| TII | DIL-22/4C | NMOS | 0C/+70C | -3V/+5V/+12V | 60MXMA | . TTL | . TTL | . | TMS4030JL |
| TII | DIL-22/4C | NMOS | -55C/+85C | -5V/+5V/+12V | 80MXMA | . TTL | . TTL | SMC4030JR | TMS4030JR |
| TII | DIL-22/4P | NMOS | 0C/+70C | -3V/+5V/+12V | 60MXMA | . TTL | . TTL | . | TMS4030NL |
| TII | DIL-22/1C | NMOS | 0C/+70C | -3V/+5V/+12V | 60MXMA | . TTL | . TTL | . | TMS4030-1JL |
| TII | DIL-22/4P | NMOS | 0C/+70C | -3V/+5V/+12V | 60MXMA | . TTL | . TTL | . | TMS4030-1NL |
| TII | DIL-22/4C | NMOS | 0C/+70C | -3V/+5V/+12V | 60MXMA | . TTL | . TTL | . | TMS4030-2JL |
| TII | DIL-22/4P | NMOS | 0C/+70C | -3V/+5V/+12V | 60MXMA | . TTL | . TTL | . | TMS4030-2NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | D2102A | TMS4033JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2102A | TMS4033NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | D2102A | TMS4033/21021JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2102A | TMS4033/21021NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | D2102A | TMS4034JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2102A | TMS4034NL |
| TII | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2102A | TMS4034/21022JL |
| TII | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | D2102A | TMS4034/21022NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | D2102A | TMS4035JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2102A | TMS4035NL |
| TII | DIL-16/1C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | D2102A | TMS4035/2102JL |
| TII | DIL-16/1P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | TTL/TS | P2102A | TMS4035/2102NL |
| TII | DIL-20/1C | NMOS | 0C/+70C | . . +5V | 85MXMA | . TTL | TTL/TS | . | TMS4036JL |
| TII | DIL-20/1P | NMOS | 0C/+70C | . . +5V | 85MXMA | . TTL | TTL/TS | . | TMS4036NL |
| TII | DIL-20/1C | NMOS | 0C/+70C | . . +5V | 85MXMA | . TTL | TTL/TS | . | TMS4036-1JL |
| TII | DIL-20/1P | NMOS | 0C/+70C | . . +5V | 85MXMA | . TTL | TTL/TS | . | TMS4036-1NL |
| TII | DIL-20/1C | NMOS | 0C/+70C | . . +5V | 85MXMA | . TTL | TTL/TS | . | TMS4036-2JL |
| TII | DIL-20/1P | NMOS | 0C/+70C | . . +5V | 85MXMA | . TTL | TTL/TS | . | TMS4036-2NL |
| TII | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | B2101A-4 | TMS4039JL |
| TII | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2101A-4 | TMS4039NL |
| TII | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | B2101A-4 | TMS4039-1JL |
| TII | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2101A-4 | TMS4039-1NL |
| TII | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | B2101A-4 | TMS4039-2JL |
| TII | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2101A-4 | TMS4039-2NL |
| TII | DIL-22/4C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | B2101A-4 | TMS4039/2101JL |
| TII | DIL-22/4P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2101A-4 | TMS4039/2101NL |
| TII | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | C2111 | TMS4042JL |
| TII | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2111 | TMS4042NL |
| TII | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | TMS2111-2JL | TMS4042-1JL |
| TII | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2111A | TMS4042-1NL |
| TII | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | C2111A | TMS4042-2JL |
| TII | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2111A | TMS4042-2NL |
| TII | DIL-18/1C | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | C2111 | TMS4042/2111JL |
| TII | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 60MXMA | . TTL | TTL/TS | P2111 | TMS4042/2111NL |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|---------------|----------------------|
| III | DIL-16/1C | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | D2112A | TMS4043JL |
| III | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | P2112A | TMS4043NL |
| III | DIL-16/1C | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | D2112A | TMS4043-1JL |
| III | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | P2112A | TMS4043-1NL |
| III | DIL-16/1C | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | D2112A | TMS4043-2JL |
| III | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | P2112A | TMS4043-2NL |
| III | DIL-16/1C | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | D2111A | TMS4043/2112JL |
| III | DIL-16/1P | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL/TS | P2112A | TMS4043/2112NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L44JL | TMS4044JL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L44NL | TMS4044NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS4044-15NL | TMS4044-15JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS4044-15JL | TMS4044-15NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L44-20JL | TMS4044-20JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L44-20NL | TMS4044-20NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L44-30JL | TMS4044-30JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L44-30NL | TMS4044-30NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS4044-45JL | TMS4044-45JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS4044-45NL | TMS4044-45NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | TMS40L44-45NL | TMS4044-45NL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | MCM2114-45C | TMS4045JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 275MXMW | . TTL | TTL/TS | MCM2114-45P | TMS4045NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | MCM2114-15C | TMS4045-15JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | MCM2114-15P | TMS4045-15NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | C2114-2 | TMS4045-20JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | P2114-2 | TMS4045-20NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | C2114-3 | TMS4045-30JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | C2114-3 | TMS4045-30NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | D2114-3 | TMS4045-45JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTS | TTL/TS | P2114-3 | TMS4045-45NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L46JL | TMS4046JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L46NL | TMS4046NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS4046-15NL | TMS4046-15JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS4046-15JL | TMS4046-15NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L46-20JL | TMS4046-20JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L46-20NL | TMS4046-20NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L46-25JL | TMS4046-25JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L46-25NL | TMS4046-25NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L46-30JL | TMS4046-30JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L46-30NL | TMS4046-30NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L46-45JL | TMS4046-45JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . . +5V | 440MXMW | . TTL | TTL/TS | TMS40L46-45NL | TMS4046-45NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | TMS40L47JL | TMS4047JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | TMS40L47NL | TMS4047NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | TMS4047-15NL | TMS4047-15JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | TMS4047-15JL | TMS4047-15NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | TMS4047NL | TMS4047-20JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | TMS4047-20PL | TMS4047-20NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | TMS40L47-30JL | TMS4047-30JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | TMS40L47-30NL | TMS4047-30NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | TMS40L47-45JL | TMS4047-45JL |
| III | DIL-20/1P | NMOS | 0C/+70C | . . . +5V | 80TPMA | . TTL | TTL/TS | TMS40L47-45NL | TMS4047-45NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . -5V/+12V | 60MXMA | . TTL | TTL/OD | uPD418D | TMS4050JL |
| III | DIL-18/1C | NMOS | -55C/+85C | -5V/+5V/+12V | 80MXMA | . TTL | . TTL | SYC4050 | TMS4050JR |
| III | DIL-18/1P | NMOS | 0C/+70C | . -5V/+12V | 60MXMA | . TTL | TTL/OD | SYP4050 | TMS4050NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . -5V/+12V | 60MXMA | . TTL | TTL/OD | uPD418D-1 | TMS4050-1JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . -5V/+12V | 60MXMA | . TTL | TTL/OD | uPD418C-1 | TMS4050-1NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . -5V/+12V | 60MXMA | . TTL | TTL/OD | uPD418D-2 | TMS4050-2JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . -5V/+12V | 60MXMA | . TTL | TTL/OD | uPD418C-2 | TMS4050-2NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . -5V/+12V | 60MXMA | . TTL | TTL/OD | uPD418C-3 | TMS4050-3JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . -5V/+12V | 60MXMA | . TTL | TTL/OD | uPD418C-3 | TMS4050-3NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . -5V/+12V | 70MXMA | . TTL | TTL/OD | . . . | TMS4051JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . -5V/+12V | 70MXMA | . TTL | TTL/OD | . . . | TMS4051NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . -5V/+12V | 70MXMA | . TTL | TTL/OD | . . . | TMS4051-1JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . -5V/+12V | 70MXMA | . TTL | TTL/OD | . . . | TMS4051-1NL |
| III | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 60MXMA | . TTL | . TTL | D2107C-4 | TMS4060JL |
| III | DIL-22/4C | NMOS | -55C/+85C | -5V/+5V/+12V | 80MXMA | . TTL | . TTL | MD2107C | TMS4060JR |
| III | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 60MXMA | . TTL | . TTL | P2107C-4 | TMS4060NL |
| III | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 60MXMA | . TTL | . TTL | D2107C-2 | TMS4060-1JL |
| III | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 60MXMA | . TTL | . TTL | P2107C-2 | TMS4060-1NL |
| III | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 60MXMA | . TTL | . TTL | D2107C-2 | TMS4060-2JL |
| III | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 60MXMA | . TTL | . TTL | P2107C-2 | TMS4060-2NL |
| III | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 60MXMA | . TTL | . TTL | D2107C-1 | TMS4060-3JL |
| III | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 60MXMA | . TTL | . TTL | P2107C-1 | TMS4060-3NL |
| III | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 600TPMW | . TTL | TTL/TS | MK4116P-4 | TMS4070JL |
| III | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 540MXMW | . TTL | . . . | . . . | TMS4071-15JL |
| III | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 540MXMW | . TTL | . . . | . . . | TMS4071-15NL |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| TMS4071-20JL | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/2-CLOCK | GEN. PURP. |
| TMS4071-20NL | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/2-CLOCK | GEN. PURP. |
| TMS4116-15JL | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/7 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| TMS4116-20JL | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| TMS4116-25JL | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| TMS4164JL | DRAM | 1-BIT | 8K=65536X1 | GEN. PURP. |
| TMS4700JL | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y ADDRESS LINES/MROM EQVT. 2708 | GEN. PURP. |
| TMS4700NL | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y ADDRESS LINES | GEN. PURP. |
| TMS4710JL | CHRGN | 8-BIT | 8K=1024X8 ROM/PREPROGRAMMED 4700/ UPPER AND LOWER CASE5X7 ASCII | GEN. PURP. |
| TMS4710NL | CHRGN | 8-BIT | 8K=1024X8 ROM/PREPROGRAMMED 4700/ UPPER AND LOWER CASE5X7 ASCII | GEN. PURP. |
| TMS4732JL | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/12 ADDRESS 2CS LINES | GEN. PURP. |
| TMS4732NL | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/12 ADDRESS 2CS LINES | GEN. PURP. |
| TMS4800JL | MROM | 4-BIT | 16K=4096X4/MAX. ACCESS 700NS/11 ADDRESS,2CS LINES | GEN. PURP. |
| TMS4800NL | MROM | 4-BIT | 16K=4096X4/MAX. ACCESS 700NS/11 ADDRESS,2CS LINES | GEN. PURP. |
| TMS5501JL | IOCTR | 8-BIT | INPUT-OUTPUT CONTROLLER/ MULIFUNCTION/FOR 8080 FAMILY (APP. B) | 8080 |
| TMS5501NL | IOCTR | 8-BIT | INPUT-OUTPUT CONTROLLER/ MULIFUNCTION/FOR 8080 FAMILY(APP. B) | 8080 |
| TMS6011JC | UART | 5-8BIT | ASYNCHRONOUS DATA INTERFACE/DC-100KHZ/SERIAL-PARALLEL CONVERSION | GEN. PURP. |
| TMS6011NC | UART | 5-8BIT | ASYNCHRONOUS DATA INTERFACE/DC-100KHZ/SERIAL-PARALLEL CONVERSION | GEN. PURP. |
| TMS8080AJL | MPU | 8-BIT | SINGLE-CHIP CPU OF 8080 FAMILY (APP. B)/MIN. CLOCK PERIOD 480NS | 8080 |
| TMS8080ANL | MPU | 8-BIT | SINGLE-CHIP CPU OF 8080 FAMILY (APP. B)/MIN. CLOCK PERIOD 480NS | 8080 |
| TMS9900 | CPU | 16-BIT | 1-CHIP CPU FOR 9900 FAMILY (APP. B)/3.3MHZ MAX. CLOCK SPEED | 9900 |
| TMS9900-40 | CPU | 16-BIT | 1-CHIP CPU FOR 9900 FAM. (APP. B)/ /IMPROVED (4MHZ) TMS9900 | 9900 |
| TMS9901JL | PCI | 16-BIT | PROGRAMMABLE SYSTEMS INTERFACE FOR 9900/9980 FAM./500KHZ MAX CLK | 9900/9980 |
| TMS9901NL | PCI | 16-BIT | PROGRAMMABLE SYSTEMS INTERFACE FOR 9900/9980 FAM./500KHZ MAX CLK | 9900/9980 |
| TMS9901-40JL | PCI | 16-BIT | PROGRAMMABLE SYSTEMS INTERFACE FOR 9900/9980 FAM./1.5MHZ MAX CLK | 9900/9980 |
| TMS9901-40NL | PCI | 16-BIT | PROGRAMMABLE SYSTEMS INTERFACE FOR 9900/9980 FAM./1.5MHZ MAX CLK | 9900/9980 |
| TMS9902JL | UART | . | ASYNCHRONOUS COMMUNICATION CONTROLLER FOR 9900 FAMILY (APP. B) | 9900 |
| TMS9902NL | UART | . | ASYNCHRONOUS COMMUNICATION CONTROLLER FOR 9900 FAMILY (APP. B) | 9900 |
| TMS9902-40JL | UART | . | ASYNCHRONOUS COMMUNICATION CONTROLLER FOR 9900 FAM./1.5MHZ CLOCK | 9900-40 |
| TMS9902-40NL | UART | . | ASYNCHRONOUS COMMUNICATION CONTROLLER FOR 9900 FAM./1.5MHZ CLOCK | 9900-40 |
| TMS9903JL | USRT | 7-9BIT | CRU INTERFACE/ SYNC. COMMS. CONTROLLER/9900 FAM. (APP. B) | 9900-9980 |
| TMS9903NL | USRT | 7-9BIT | CRU INTERFACE/ SYNC. COMMS. CONTROLLER/9900 FAM. (APP. B) | 9900-9980 |
| TMS9909JL | FLPDC | 8-BIT | FLOPPY DISK CONTROLLER/SINGLE OR DOUBLE DENSITY/IBM3740 AND 2D | 9900 |
| TMS9909NL | FLPDC | 8-BIT | FLOPPY DISK CONTROLLER/SINGLE OR DOUBLE DENSITY/IBM3740 AND 2D | 9900 |
| TMS9911JL | DMAC | 16-BIT | DIRECT MEMORY ACCESS CONTROLLER | 9900 |
| TMS9911NL | DMAC | 16-BIT | DIRECT MEMORY ACCESS CONTROL | 9900 |
| TMS9914 | IFACE | 16-BIT | GENERAL PURPOSE INTERFACE BUS ADAPTER | 9900 |
| TMS9927JL | VDUC | 8-BIT | VIDEO TIMER-CONTROLLER | 9900 |
| TMS9927NL | VDUC | 8-BIT | VIDEO TIMER-CONTROLLER | 9900 |
| TMS9932JC | RAROM | 8-BIT | COMBINATION ROM-RAM MEMORY/15K=1920X8 ROM/1K=128X8 RAM | 9900 |
| TMS9932NC | RAROM | 8-BIT | COMBINATION ROM-RAM MEMORY/15K=1920X8 ROM/1K=128X8 RAM | 9900 |
| TMS9940E | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/EPROM VERSION OF TMS9940/QUARTZ WINDOW/5MHZ | 9940 |
| TMS9940E-10 | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/EPROM VERSION OF TMS9940/QUARTZ WINDOW/1MHZ | 9940 |
| TMS9940E-20 | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/EPROM VERSION OF TMS9940/QUARTZ WINDOW/2MHZ | 9940 |
| TMS9940E-30 | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/EPROM VERSION OF TMS9940/QUARTZ WINDOW/3MHZ | 9940 |
| TMS9940E-40 | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/EPROM VERSION OF TMS9940/QUARTZ WINDOW/4MHZ | 9940 |
| TMS9940JL | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/2KX8 PROM /128X8 RAM INTEGRAL/5MHZ CLOCK | 9940 |
| TMS9940M-10JL | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/16K=2048X8 PROM/1K=128X8 RAM/1MHZ CLOCK | 9940 |
| TMS9940M-10NL | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/16K=2048X8 PROM/1K=128X8 RAM/1MHZ CLOCK | 9940 |
| TMS9940M-20JL | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/16K=2048X8 PROM/1K=128X8 RAM/2MHZ CLOCK | 9940 |
| TMS9940M-20NL | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/16K=2048X8 PROM/1K=128X8 RAM/2MHZ CLOCK | 9940 |
| TMS9940M-30JL | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/16K=2048X8 PROM/1K=128X8 RAM/3MHZ CLOCK | 9940 |
| TMS9940M-30NL | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/16K=2048X8 PROM/1K=128X8 RAM/3MHZ CLOCK | 9940 |
| TMS9940M-40JL | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/16K=2048X8 PROM/1K=128X8 RAM/4MHZ CLOCK | 9940 |
| TMS9940M-40NL | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/16K=2048X8 PROM/1K=128X8 RAM/4MHZ CLOCK | 9940 |
| TMS9940MJL | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/16K=2048X8 PROM/1K=128X8 RAM/5MHZ CLOCK | 9940 |
| TMS9940MNL | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/16K=2048X8 PROM/1K=128X8 RAM/5MHZ CLOCK | 9940 |
| TMS9940NL | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/2KX8 EPROM/128X8 RAM INTEGRAL/5MHZ CLOCK | 9940 |
| TMS9980A | CPU | 16-BIT | 1-CHIP CPU OF 9980 FAM. (APP. B)/8-BIT DATA BUS | 9980 |
| TMS9980JL | CPU | 16-BIT | 1-CHIP CPU OF 9980 FAMILY (APP. B)/8-BIT DATA BUS | 9980 |
| TMS9980NL | CPU | 8-BIT | 1-CHIP CPU OF 9980 FAMILY (APP. B)/8-BIT DATA BUS | 9980 |
| TMS9981 | CPU | 8-BIT | 1-CHIP CPU OF 9980 FAM./INTERNAL OSCILLATOR VERSION OF TMS9980 | 9980 |
| TMS9985 | MICMP | 16-BIT | 1-CHIP MICROCOMPUTER/256X16 RAM /TIMER-COUNTER/5MHZ CLOCK | 9940 |
| UC1671A | USART | 5-8BIT | ASYNCHRONOUS-SYNCHRONOUS TRANSMITTER-RECEIVER | 8080 |
| UC1671B | USART | 5-8BIT | ASYNCHRONOUS-SYNCHRONOUS TRANSMITTER-RECEIVER | 8080 |
| XC8T95L | BUFFR | 6-BIT | HEX 3-STATE BUFFER-INVERTER/ INV./SINGLE 6-GROUP BUS ENABLE | 6800 |
| XC8T95P | BUFFR | 6-BIT | HEX 3-STATE BUFFER INVERTER/ INV./SINGLE 6-GROUP BUS ENABLE | 6800 |
| XC8T96L | BUFFR | 6-BIT | HEX 3-STATE BUFFER-INVERTER/INV./SINGLE 6-GROUP BUS ENABLE | 6800 |
| XC8T96P | BUFFR | 6-BIT | HEX 3-STATE BUFFER-INVERTER/INV./SINGLE 6-GROUP BUS ENABLE | 6800 |
| XC8T97L | BUFFR | 6-BIT | HEX 3-STATE BUFFER-INVERTER/ INV./6+2 GROUPS BUS ENABLES | 6800 |
| XC8T97P | BUFFR | 6-BIT | HEX 3-STATE BUFFER-INVERTER/ INV./6+2 GROUPS BUS ENABLES | 6800 |
| XC8T98L | BUFFR | 6-BIT | HEX 3-STATE BUFFER-INVERTER/INV./6+2 GROUPS BUS ENABLES | 6800 |
| XC8T98P | BUFFR | 6-BIT | HEX 3-STATE BUFFER-INVERTER/INV./6+2 GROUPS BUS ENABLES | 6800 |
| XC3449L | EXPIO | 8-BIT | TRIPLE BIDIRECTIONAL BUS EXTENDER SWITCH=/MC6881L | 6800 |
| XC3449P | EXPIO | 8-BIT | TRIPLE BI-DIRECTIONAL BUS EXTENDER SWITCH=/MC6881P | 6800 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|---------------|----------------|
| III | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 540XMMW | TTL | . | . | TMS4071-20JL |
| III | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 540XMMW | TTL | . | . | TMS4071-20NL |
| III | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462XMMW | TTL | TTL/TS | MCM4116C-15 | TMS4116-15JL |
| III | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462XMMW | TTL | TTL/TS | MCM4116C-20 | TMS4116-20JL |
| III | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 462XMMW | TTL | TTL/TS | MCM4116C-25 | TMS4116-25JL |
| III | DIL-16/1C | NMOS | 0C/+70C | . . . +5V | 200XMMW | TTL | TTL | . | TMS4164JL |
| III | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 257PMA | TTL | TTL/TS | EA4700DC | TMS4700JL |
| III | DIL-24/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 257PMA | TTL | TTL/TS | uA4700DC | TMS4700NL |
| III | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 310TPMW | TTL | TTL/TS | TMS4710NL | TMS4710JL |
| III | DIL-24/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 310TPMW | TTL | TTL/TS | TMS4710JL | TMS4710NL |
| III | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 300XMMW | TTL | TTL/TS | uPD2332 | TMS4732JL |
| III | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 300XMMW | TTL | TTL/TS | uPD2332 | TMS4732NL |
| III | DIL-24/2C | PMOS | 0C/+70C | . -12V/+5V | 40MXMA | TTL | TTL/OD | TMS4800NL | TMS4800JL |
| III | DIL-24/2C | PMOS | 0C/+70C | . -12V/+5V | 40MXMA | TTL | TTL/OD | TMS4800JL | TMS4800NL |
| III | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 100XMXA | TTL | TTL | TMS5501NL | TMS5501JL |
| III | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 100XMXA | TTL | TTL | TMS5501JL | TMS5501NL |
| III | DIL-40/2C | PMOS | 0C/+70C | . -12V/+5V | 30MXMA | TTL | TTL/TS | TMS6011NC | TMS6011JL |
| III | DIL-40/2P | PMOS | 0C/+70C | . -12V/+5V | 30MXMA | TTL | TTL/TS | TMS6011JL | TMS6011NC |
| III | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | D8080A | TMS8080AJL |
| III | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | P8080 | TMS8080ANL |
| III | DIL-64/3C | NMOS | 0C/+70C | -5V/+5V/+12V | 125TPMA | TTL | TTL | . | TMS9900 |
| III | DIL-64/3C | NMOS | 0C/+70C | -5V/+5V/+12V | 125TPMA | TTL | TTL | . | TMS9900-40 |
| III | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 200XMXA | TTL | TTL | TMS9901NL | TMS9901JL |
| III | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 200XMXA | TTL | TTL | TMS9901NL | TMS9901NL |
| III | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 200XMXA | TTL | TTL | TMS9901-40NL | TMS9901-40JL |
| III | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 200XMXA | TTL | TTL | TMS9901-40JL | TMS9901-40NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 100TPMA | TTL | TTL | TMS9902NL | TMS9902JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 100TPMA | TTL | TTL | TMS9902NL | TMS9902NL |
| III | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 100TPMA | TTL | TTL | TMS9902-40NL | TMS9902-40JL |
| III | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 100TPMA | TTL | TTL | TMS9902-40JL | TMS9902-40NL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 100XMXA | TTL | TTL | TMS9903NL | TMS9903JL |
| III | DIL-20/1C | NMOS | 0C/+70C | . . . +5V | 100XMXA | TTL | TTL | TMS9903JL | TMS9903NL |
| III | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | . | TTL | TTL | TMS9909NL | TMS9909JL |
| III | DIL-40/2P | NMOS | 0C/+75C | . . . +5V | . | TTL | TTL | TMS9909JL | TMS9909NL |
| III | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | . | TTL | TTL | TMS9911NL | TMS9911JL |
| III | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | . | TTL | TTL | TMS9911JL | TMS9911NL |
| III | DIL- | NMOS | 0C/+70C | . . . +5V | . | TTL | TTL | . | TMS9914 |
| III | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | . | TTL | TTL | TMS9927NL | TMS9927JL |
| III | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | . | TTL | TTL | TMS9927JL | TMS9927NL |
| III | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | . | TTL | TTL/TS | TMS9932NC | TMS9932JC |
| III | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | . | TTL | TTL/TS | TMS9932JC | TMS9932NC |
| III | DIL-40/2Q | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | S9940E | TMS9940E |
| III | DIL-40/2Q | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940E-20 | TMS9940E-10 |
| III | DIL-40/2Q | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940E-30 | TMS9940E-20 |
| III | DIL-40/2Q | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940E-40 | TMS9940E-30 |
| III | DIL-40/2Q | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940E | TMS9940E-40 |
| III | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940JL | TMS9940JL |
| III | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940-10NL | TMS9940M-10JL |
| III | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940M-10JL | TMS9940M-10NL |
| III | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940M-20NL | TMS9940M-20JL |
| III | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940M-20JL | TMS9940M-20NL |
| III | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940M-30NL | TMS9940M-30JL |
| III | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940M-30JL | TMS9940M-30NL |
| III | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940M-40NL | TMS9940M-40JL |
| III | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940M-40JL | TMS9940M-40NL |
| III | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940MNL | TMS9940MJL |
| III | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940MJL | TMS9940MNL |
| III | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 150XMXA | TTL | TTL | TMS9940JL | TMS9940NL |
| III | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 50TPMA | TTL | TTL/TS | . | TMS9980A |
| III | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 50TPMA | TTL | TTL/TS | TMS9980NL | TMS9980JL |
| III | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 50TPMA | TTL | TTL/TS | TMS9980JL | TMS9980NL |
| III | DIL-40/2C | NMOS | 0C/+70C | . . . +5V/+12V | 50TPMA | TTL | TTL/TS | . | TMS9981 |
| III | DIL-40/2 | NMOS | 0C/+70C | . . . +5V | . | TTL | TTL | . | TMS9985 |
| WDC | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | INS1761D | UC1671A |
| WDC | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 80MXMA | TTL | TTL/TS | INS1671N | UC1671B |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 98MXMA | TTL | TTL/TS | N8T95F | XC8T95L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 98MXMA | TTL | TTL/TS | N8T95B | XC8T95P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 89MXMA | TTL | TTL/TS | N8T96F | XC8T96L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 89MXMA | TTL | TTL/TS | N8T96B | XC8T96P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 98MXMA | TTL | TTL/TS | N8T97F | XC8T97L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 98MXMA | TTL | TTL/TS | N8T97B | XC8T97P |
| MTA | DIL- | C | . | . | . | . | . | . | XC8T98L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 89MXMA | TTL | TTL/TS | N8T98B | XC8T98P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . . +5V | 70MXMA | TTL | TTL/TS | MC6881L | XC3449L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . . +5V | 70MXMA | TTL | TTL/TS | MC6881P | XC3449P |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| XC6852L | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSN 6852 | 6800 |
| XC6852P | SIO | 8-BIT | SYNCHRONOUS SERIAL DATA ADAPTER FOR 6800 FAM./1MHZ VERSN 6852 | 6800 |
| XC6881L | EXPIO | . | TRIPLE BI-DIRECTIONAL EXTENDER-SWITCH | 6800 |
| XC6881P | EXPIO | . | TRIPLE BI-DIRECTIONAL EXTENDER-SWITCH | 6800 |
| XC6885L | BUFFR | 8-BIT | HEX 3-STATE BUFFER/NON-INVERTING/MAX DELAY 12NS | 6800 |
| XC6885P | BUFFR | 8-BIT | HEX 3-STATE BUFFER/NON-INVERTING/MAX DELAY 12NS | 6800 |
| XC6886L | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX DELAY 11NS | 6800 |
| XC6886P | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX DELAY 11NS | 6800 |
| XC6887L | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/NON-INV./MAX DELAY 12NS | 6800 |
| XC6887P | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/NON-INV./MAX DELAY 12NS | 6800 |
| XC6888L | BUFFR | 6-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX DELAY 11NS | 6800 |
| XC6888P | BUFFR | 8-BIT | HEX 3-STATE BUFFER-INVERTER/INV./ MAX DELAY 11NS | 6800 |
| Z80A-CPU-CS | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./1uS INSTN SPEED/ALT TYPE NO. MK3880A | Z80A |
| Z80A-CPU/R | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./1uS INSTN SPEED/ALT TYPE NO. MK3880A | Z80A |
| Z80A-CPU/Z | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./1uS INSTN SPEED/ALT TYPE NO. MK3880A | Z80A |
| Z80A-CTC-CS | CTC | 8-BIT | COUNTER-TIMER FOR Z80A/ALTERN. TYPE NO. MK3882A | Z80A |
| Z80A-CTC/R | CTC | 8-BIT | COUNTER-TIMER FOR Z80A/ALTERN. TYPE NO MK3882A | Z80A |
| Z80A-CTC/Z | CTC | 8-BIT | COUNTER-TIMER FOR Z80A/ALTERN. TYPE NO MK3882A | Z80A |
| Z80A-DMA-CS | DMAC | 8-BIT | Z80 DIRECT MEM. ACCESS CONTROL/4MHZ CLK/ALT. TYPE NO. MK3883A | Z80 |
| Z80A-PIO-CS | PIO | 8-BIT | PARALLEL I-O CONTROLLER FOR Z80A FAM./ALTERN. TYPE NO. MK3881A | Z80A |
| Z80A-PIO/R | PIO | 8-BIT | PARALLEL I-O CONTROLLER FOR Z80A FAM./ALTERN. TYPE NO. MK3881A | Z80A |
| Z80A-PIO/Z | PIO | 8-BIT | PARALLEL I-O CONTROLLER FOR Z80A FAM./ALTERN. TYPE NO. MK3881A | Z80A |
| Z80A-SIO-CS | PIO | 5-8BIT | Z80A SERIAL I-O CONTROL/ALT. TYPE NO. MK3884A | Z80A |
| Z80A-SIO/R | PIO | 5-8BIT | Z80A SERIAL I-O CONTROL/ALT. TYPE NO. MK3884A | Z80A |
| Z80A-SIO/Z | PIO | 5-8BIT | Z80A SERIAL I-O CONTROL/ALT. TYPE NO. MK3884A | Z80A |
| Z80-CPU-CE | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./1.6uS INSTN. SPEED/ALT. TYPE NO. MK3880 | Z80 |
| Z80-CPU-CM | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./1.6uS INSTN. SPEED/ALT. TYPE NO. MK3880 | Z80 |
| Z80-CPU-CS | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./1.6uS INSTN. SPEED/ALT. TYPE NO. MK3880 | Z80 |
| Z80-CPU-PS | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./1.6uS INSTN. SPEED/ALT. TYPE NO. MK3880 | Z80 |
| Z80-CPU/R | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./1.6uS INSTN. SPEED/ALT. TYPE NO. MK3880 | Z80 |
| Z80-CPU/Z | CPU | 8-BIT | 1-CHIP CPU FOR Z80 FAM./1.6uS INSTN. SPEED/ALT. TYPE NO. MK3880 | Z80 |
| Z80-CTC-CE | CTC | 8-BIT | COUNTER-TIMER FOR Z80 FAM./ALTERN. TYPE NO. MK3882 | Z80 |
| Z80-CTC-CS | CTC | 8-BIT | COUNTER-TIMER FOR Z80 FAM./ALTERN. TYPE NO. MK3882 | Z80 |
| Z80-CTC-CM | CTC | 8-BIT | COUNTER-TIMER FOR Z80 FAM./ALTERN. TYPE NO. MK3882 | Z80 |
| Z80-CTC-PS | CTC | 8-BIT | COUNTER-TIMER FOR Z80 FAM./ALTERN. TYPE NO. MK3882 | Z80 |
| Z80-CTC/R | CTC | 8-BIT | COUNTER-TIMER FOR Z80 /ALTERN. TYPE NO. MK3882 | Z80 |
| Z80-CTC/Z | CTC | 8-BIT | COUNTER-TIMER FOR Z80/ ALTERN TYPE NO. MK3882 | Z80 |
| Z80-DMA-CE | DMAC | 8-BIT | Z80 DIRECT MEM. ACCESS CONTROL/2.5MHZ CLK/ALT. TYPE NO. MK3883 | Z80 |
| Z80-DMA-CM | DMAC | 8-BIT | Z80 DIRECT MEM. ACCESS CONTROL/2.5MHZ CLK/ALT. TYPE NO. MK3883 | Z80 |
| Z80-DMA-CS | DMAC | 8-BIT | Z80 DIRECT MEM. ACCESS CONTROL/2.5MHZ CLK/ALT. TYPE NO. MK3883 | Z80 |
| Z80-DMA-PS | DMAC | 8-BIT | Z80 DIRECT MEM. ACCESS CONTROL/2.5MHZ CLK/ALT. TYPE NO. MK3883 | Z80 |
| Z80-DMA/R | DMAC | 8-BIT | Z80 DIRECT MEM. ACCESS CONTROL/2.5MHZ CLK/ALT. TYPE NO. MK3883 | Z80 |
| Z80-DMA/Z | DMAC | 8-BIT | Z80 DIRECT MEM. ACCESS CONTROL/2.5MHZ CLK/ALT. TYPE NO. MK3883 | Z80 |
| Z80-PIO-CE | PIO | 8-BIT | PARALLEL I-O CONTROLLER FOR Z80 FAM./ALTERN. TYPE NO. MK3881 | Z80 |
| Z80-PIO-CM | PIO | 8-BIT | PARALLEL I-O CONTROLLER FOR Z80 FAM./ALTERN. TYPE NO. MK3881 | Z80 |
| Z80-PIO-CS | PIO | 8-BIT | PARALLEL I-O CONTROLLER FOR Z80 FAM./ALTERN. TYPE NO. MK3881 | Z80 |
| Z80-PIO-PS | PIO | 8-BIT | PARALLEL I-O CONTROLLER FOR Z80 FAM./ALTERN. TYPE NO. MK3881 | Z80 |
| Z80-PIO/R | PIO | 8-BIT | PARALLEL I-O CONTROLLER FOR Z80 FAM./ALTERN. TYPE NO. MK3881 | Z80 |
| Z80-PIO/Z | PIO | 8-BIT | PARALLEL I-O CONTROLLER FOR Z80 FAM./ALTERN. TYPE NO. MK3881 | Z80 |
| Z80-SIO | SIO | 5-8BIT | SERIAL INPUT-OUTPUT CONTROLLER (ALTERNATE TYPE NO. MK3884) | Z80 |
| Z80-SIO-CE | SIO | 5-8BIT | Z80 SERIAL I-O CONTROL/ALT. TYPE NO. MK3884 | Z80 |
| Z80-SIO-CM | SIO | 5-8BIT | Z80 SERIAL I-O CONTROL/ALT. TYPE NO MK3884 | Z80 |
| Z80-SIO-CS | SIO | 5-8BIT | Z80 SERIAL I-O CONTROL/ALT. TYPE NO. MK3884 | Z80 |
| Z80-SIO-PS | SIO | 5-8BIT | Z80 SERIAL I-O CONTROL/ALT. TYPE NO. MK3884 | Z80 |
| Z80-SIO/R | SIO | 5-8BIT | Z80 SERIAL I-O CONTROL/ALT. TYPE NO. MK3884 | Z80 |
| Z80-SIO/Z | SIO | 5-8BIT | Z80 SERIAL I-O CONTROL/ALT. TYPE NO. MK3884 | Z80 |
| Z6104-1 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 100NS/6X 6Y 1CE ADDRESS LINES | Z80 |
| Z6104-2 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CE ADDRESS LINES | Z80 |
| Z6104-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CE ADDRESS LINES | Z80 |
| Z6116-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/MULTIPLYED 7 ADDRESS LINES | GEN. PURP. |
| Z6116-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/MULTIPLYED 7 ADDRESS LINES | GEN. PURP. |
| Z6116-4 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/MULTIPLYED 7 ADDRESS LINES | GEN. PURP. |
| Z8001-CPU | CPU | 16-BIT | SEGMENTED CPU OF Z8000 FAM./WITH 8010 REACHES 8M MEM. ADDRESSES | Z8000 |
| Z8002-CPU | CPU | 16-BIT | NON-SEGMENTED CPU OF 8000 FAM./DIRECT 64K ADDR. LOCATIONS | Z8000 |
| Z8010-MMU | MMU | 16-BIT | MEMORY MANAGEMENT UNIT/WITH 8001-CPU PROVIDES 8M MEM. ADDRESSES | Z8000 |
| Z8016-DMA | DMA | 16-BIT | DIRECT MEMORY ACCESS CONTROLLER FOR Z8000 FAM. | Z8000 |
| Z8030-SIO | SIO | 16-BIT | SERIAL INPUT-OUTPUT PORT | Z8000 |
| Z8036-CIO | CTC | 16-BIT | COUNTER-TIMER INPUT-OUTPUT | Z8000 |
| Z8038-FIO | FIFO | 16-BIT | FIRST IN-FIRST OUT, INPUT-OUTPUT CONTROLLER | Z8000 |
| Z8050-FDC | FLPDC | 16-BIT | FLOPPY DISK CONTROLLER | Z8000 |
| Z8052-CRT | CRTC | 16-BIT | CRT CONTROLLER | Z8000 |
| Z8060-FIFO | FIFO | 16-BIT | FIRST IN-FIRST OUT BUFFER | Z8000 |
| ZN1001-F113L | MEMCT | 16-BIT | MEMORY INTERFACE FOR F100 FAM./650MW/ALT. TYPE NO. F113-6 | F100 |
| ZN1001-F114L | MEMCT | 16-BIT | MEMORY INTERFACE FOR F100 FAM./65MW/ALT TYPE NO. F113-L | F100 |
| uCOM-8 | MICMP | 8-BIT | GEN. PURP. MICROCOMPUTER SYSTEM BASED ON 8080 FAM. (APP. B) | 8080 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|--------------|----------------|
| MTA | DIL-24/2C | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | MC6852L | XC6852L |
| MTA | DIL-24/2P | NMOS | 0C/+70C | . . +5V | 525MXMW | . TTL | TTL/TS | MC6852P | XC6852P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | . . . | . TTL | TTL/TS | MC6881L | XC6881L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | . . . | . TTL | TTL/TS | MC6881P | XC6881P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 98MXMA | . TTL | TTL/TS | MC6885L | XC6885L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 98MXMA | . TTL | TTL/TS | MC6885P | XC6885P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 89MXMA | . TTL | TTL/TS | MC6886L | XC6886L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 89MXMA | . TTL | TTL/TS | MC6886P | XC6886P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 98MXMA | . TTL | TTL/TS | MC6887L | XC6887L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 98MXMA | . TTL | TTL/TS | MC6887P | XC6887P |
| MTA | DIL-16/1C | STLB | 0C/+75C | . . +5V | 89MXMA | . TTL | TTL/TS | MC6888L | XC6888L |
| MTA | DIL-16/1P | STLB | 0C/+75C | . . +5V | 89MXMA | . TTL | TTL/TS | MC6888P | XC6888P |
| ZLG | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 200MXMA | . TTL | TTL/TS | MK3880A | Z80A-CPU-CS |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 200MXMA | . TTL | TTL/TS | Z80A-CPU-CS | Z80A-CPU/R |
| SGS | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 200MXMA | . TTL | TTL/TS | Z80A-CPU-CS | Z80A-CPU/Z |
| ZLG | DIL-28/2C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | . TTL | MK3882A | Z80A-CTC-CS |
| SGS | DIL-28/2C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | . TTL | Z80A-CTC-CS | Z80A-CTC/R |
| SGS | DIL-28/2P | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | . TTL | Z80A-CTC-CS | Z80A-CTC/Z |
| ZLG | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 200MXMA | . TTL | . TTL | MK3883A | Z80A-DMA-CS |
| ZLG | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | . TTL | MK3881A | Z80A-PIO-CS |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | . TTL | Z80A-PIO-CS | Z80A-PIO/R |
| SGS | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | . TTL | Z80A-PIO-CS | Z80A-PIO/Z |
| ZLG | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 140MXMA | . TTL | . TTL | MK3884A | Z80A-SIO-CS |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 140MXMA | . TTL | . TTL | Z80A-SIO-CS | Z80A-SIO/R |
| SGS | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 140MXMA | . TTL | . TTL | Z80A-SIO-CS | Z80A-SIO/Z |
| ZLG | DIL-40/2C | NMOS | -40C/+85C | . . +5V | 200MXMA | . TTL | TTL/TS | MK3880 | Z80-CPU-CE |
| ZLG | DIL-40/2C | NMOS | -55C/+125C | . . +5V | 200MXMA | . TTL | TTL/TS | MK3880 | Z80-CPU-CM |
| ZLG | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 200MXMA | . TTL | TTL/TS | MK3880 | Z80-CPU-CS |
| ZLG | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 200MXMA | . TTL | TTL/TS | MK3880 | Z80-CPU-PS |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 200MXMA | . TTL | TTL/TS | Z80-CPU-CS | Z80-CPU/R |
| SGS | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 200MXMA | . TTL | TTL/TS | Z80-CPU-CS | Z80-CPU/Z |
| MSK | DIL-28/2C | NMOS | -40C/+85C | . . +5V | 100MXMA | . TTL | . TTL | MK3882 | Z80-CTC-CE |
| ZLG | DIL-28/2C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | . TTL | MK3882 | Z80-CTC-CS |
| ZLG | DIL-28/2C | NMOS | -55C/+125C | . . +5V | 100MXMA | . TTL | . TTL | MK3882 | Z80-CTC-CM |
| ZLG | DIL-28/2P | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | . TTL | MK3882 | Z80-CTC-PS |
| SGS | DIL-28/2C | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | . TTL | Z80-CTC-CS | Z80-CTC/R |
| SGS | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 100MXMA | . TTL | . TTL | Z80-CTC-CS | Z80-CTC/Z |
| ZLG | DIL-40/2C | NMOS | -40C/+85C | . . +5V | 150MXMA | . TTL | . TTL | MK3883 | Z80-DMA-CE |
| ZLG | DIL-40/2C | NMOS | -55C/+125C | . . +5V | 150MXMA | . TTL | . TTL | MK3883 | Z80-DMA-CM |
| ZLG | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 150MXMA | . TTL | . TTL | MK3883 | Z80-DMA-CS |
| ZLG | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 150MXMA | . TTL | . TTL | MK3883 | Z80-DMA-PS |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 150MXMA | . TTL | . TTL | Z80-DMA-CS | Z80-DMA/R |
| SGS | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 150MXMA | . TTL | . TTL | Z80-DMA-CS | Z80-DMA/Z |
| ZLG | DIL-40/2C | NMOS | -40C/+85C | . . +5V | 70MXMA | . TTL | . TTL | MK3881 | Z80-PIO-CE |
| ZLG | DIL-40/2C | NMOS | -55C/+125C | . . +5V | 70MXMA | . TTL | . TTL | MK3881 | Z80-PIO-CM |
| ZLG | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | . TTL | MK3881 | Z80-PIO-CS |
| ZLG | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | . TTL | MK3881 | Z80-PIO-PS |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | . TTL | Z80-PIO-CS | Z80-PIO/R |
| SGS | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 70MXMA | . TTL | . TTL | Z80-PIO-CS | Z80-PIO/Z |
| ZLG | DIL-40/2M | NMOS | 0C/+70C | . . +5V | 140MXMA | . TTL | . TTL | MK3884 | Z80-SIO |
| ZLG | DIL-40/2C | NMOS | -40C/+85C | . . +5V | 140MXMA | . TTL | . TTL | MK3884 | Z80-SIO-CE |
| ZLG | DIL-40/2C | NMOS | -55C/+125C | . . +5V | 200MXMA | . TTL | . TTL | MK3884 | Z80-SIO-CM |
| ZLG | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 140MXMA | . TTL | . TTL | MK3884 | Z80-SIO-CS |
| ZLG | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 140MXMA | . TTL | . TTL | MK3884 | Z80-SIO-PS |
| SGS | DIL-40/2C | NMOS | 0C/+70C | . . +5V | 140MXMA | . TTL | . TTL | Z80-SIO-CS | Z80-SIO/R |
| SGS | DIL-40/2P | NMOS | 0C/+70C | . . +5V | 140MXMA | . TTL | . TTL | Z80-SIO-CS | Z80-SIO/Z |
| ZLG | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 385MXMW | . TTL | . TTL | . . . | Z6104-1 |
| ZLG | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 385MXMW | . TTL | . TTL | 4104BCP | Z6104-2 |
| ZLG | DIL-18/1P | NMOS | 0C/+70C | . . +5V | 385MXMW | . TTL | . TTL | MK4104N3 | Z6104-3 |
| ZLG | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | . TTL | TTL/TS | MK4116P-2 | Z6116-2 |
| ZLG | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | . TTL | TTL/TS | MK4116P-3 | Z6116-3 |
| ZLG | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 462MXMW | . TTL | TTL/TS | MK4116P-4 | Z6116-4 |
| ZLG | DIL-48/2C | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AMZ8001-CPU | Z8001-CPU |
| ZLG | . . . | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AMZ8002-CPU | Z8002-CPU |
| ZLG | . . . | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AMZ8010-NMU | Z8010-NMU |
| ZLG | . . . | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AMZ8016-DMA | Z8016-DMA |
| ZLG | . . . | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AMZ8030-SIO | Z8030-SIO |
| ZLG | . . . | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AMZ8036-CIO | Z8036-CIO |
| ZLG | . . . | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AMZ8038-FIO | Z8030-FIO |
| ZLG | . . . | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AMZ8050-FDC | Z8050-FDC |
| ZLG | . . . | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AMZ8052-CRT | Z8052-CRT |
| ZLG | . . . | NMOS | 0C/+70C | . . +5V | . . . | . TTL | . TTL | AMZ8060-FIFO | Z8060-FIFO |
| FER | . . . | CDIB | . . . | . . +5V | 650MXMW | . TTL | . TTL | . . . | ZN1001-F113L |
| FER | . . . | CDIB | . . . | . . +5V | 650MXMW | . TTL | . TTL | . . . | ZN1001-F114L |
| NEC | CHIP SET | NMOS | 0C/+70C | -5V/+5V/+12V | . . . | . TTL | . TTL | . . . | uCOM-8 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|-----------------|----------------|------------------|--|--------------------|
| uCOM-42 | MICMP | 4-BIT | 1-CHIP CALCULATOR-ORIENTED MICROCOMPUTER/SEE uPD545C AND uPD548 | 545 |
| uCOM-42 EVACHIP | | | SEE UNDER ALTERNATIVE NUMBER uPD555 | |
| uCOM-43 | MICTR | 4-BIT | 1-CHIP CONTROLLER-ORIENTED MICROCOMPUTER/ALT. TYPE NO. uPD546C | 545 |
| uCOM-43C | MICTR | | CMOS VERSION OF uCOM-43/SEE UNDER ALTERNATIVE TYPE NO. uPD650 | |
| uCOM-43 EVACHIP | | | SEE UNDER ALTERNATIVE NUMBER uPD556 | |
| uCOM-43H | | | HIGH O-P VERSN. OF uCOM-43/SEE ALTERNATE TYPE NO. uPD553 | |
| uCOM-44 | | | ALTERNATIVE TYPE NO. FOR uPD547 - WHICH SEE | |
| uCOM-44C | | | CMOS VERSION OF uCOM-44/SEE UNDER ALTERNATE TYPE NO uPD651 | |
| uCOM-44H | | | HIGH-NEGATIVE O-P VERSION OF uCOM-44/SEE uPD552 | |
| uCOM-44L | | | LOW POWER VERSION OF uCOM-44/FOR DETAILS SEE TYPE NO. uPD547L | |
| uCOM-45(5K ROM) | | | 5K-ROM VERSION OF uCOM-45/SEE TYPE NO. uPD550 | |
| uCOM-45(8K ROM) | | | 8K ROM VERSION OF uCOM-45/SEE TYPE NO. uPD554 | |
| uCOM-45C | | | CMOS VERSION OF uCOM-45(8K ROM)/SEE TYPE NO. uPD652 | |
| uCOM-46 | | | ALTERNATIVE NUMBER FOR uPD551/WHICH SEE | |
| uPB243D | MEMCT | | DUAL MEMORY-DRIVER PERIPHERAL FOR 8080 FAMILY | 8080 |
| uPB246D | MEMCT | | QUAD MEMORY-DRIVER PERIPHERAL FOR 8080 FAMILY | 8080 |
| uPB403D | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS | GEN. PURP. |
| uPB405D | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS | GEN. PURP. |
| uPB406D | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 70NS | GEN. PURP. |
| uPB425D | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| uPB426D | PROM | 4-BIT | 4K=1024X4/MAX. ACCESS 70NS/10 ADDRESS 2CS LINES | GEN. PURP. |
| uPB2089D | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/4 ADDRESS LINES | 8080 |
| uPB2200D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y, 3CS ADDRESS LINES | 8080 |
| uPB2202D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 65NS/8 ADDRESS, 3 CS LINES | GEN. PURP. |
| uPB2206D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y 3CS ADDRESS LINES | 8080 |
| uPB2289D | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 35NS/4X 1CS ADDRESS LINES | 8080 |
| uPB8212C | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080 FAM. (APP. B) | 8080 |
| uPB8212D | IP/OP | 8-BIT | INPUT-OUTPUT PORT OF 8080 FAM. (APP. B) | 8080 |
| uPB8214C | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080 FAM. (APP. B) | 8080 |
| uPB8216C | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/8080 DATA BUS BUFFER DVR | 8080 |
| uPB8216D | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, NON-INVERTING/8080 DATA BUS BUFFER DVR | 8080 |
| uPB8224C | CLOCK | | 2-PHASE CLOCK GEN. DRIVER FOR 8080 FAM. (APP. B) | 8080 |
| uPB8224D | CLOCK | | 2-PHASE CLOCK GEN. DRIVER FOR 8080 FAM. (APP. B) | 8080 |
| uPB8226C | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER | 8080 |
| uPB8226D | DRVR | 4-BIT | BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER | 8080 |
| uPB8228C | SYSTC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080 FAM. (APP. B) | 8080 |
| uPB8228D | SYSTC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080 FAM. (APP. B) | 8080 |
| uPB8238C | SYSTC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080 FAM. (APP. B) | 8080 |
| uPB8238D | SYSTC | 8-BIT | SYSTEM CONTROLLER BUS DRIVER FOR 8080 FAM. (APP. B) | 8080 |
| uPB10142D | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 10NS/4X 2Y 2CE ADDRESS LINES/50 OHM LOAD | 10000 |
| uPB10144D | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 35NS/4X 4Y 3CE ADDRESS LINES | 10000 |
| uPB10148D | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 15NS/4X 2Y 2CE ADDRESS LINES/50 OHM LOAD | 10000 |
| uPC77D | SAMP | | TRIPLE SENSE AMPLIFIER FOR 8080 SYSTEM MEMORIES/DATA LATCH | 8080 |
| uPC171D | SAMP | | TRIPLE SENSE AMPLIFIER FOR 8080 SYSTEM MEMORIES | 8080 |
| uPD369C | UART | 8-BIT | ASYNCHRONOUS RECEIVER-TRANSMITTER FOR 8080 FAMILY | 8080 |
| uPD369D | UART | 8-BIT | ASYNCHRONOUS RECEIVER-TRANSMITTER FOR 8080 FAMILY | 8080 |
| uPD371D | CSTPC | 8-BIT | CASSETTE MT CONTROLLER (ISO/ECMA COMPATIBLE) | 8080 |
| uPD372D | FLPDC | 8-BIT | FLOPPY DISK CONTROLLER/UP TO 4 DRIVES FOR 8080 FAM. (APP. B)/IBM | 8080 |
| uPD379D | SDLNC | 8-BIT | SDLC (SYNCH. DATA LINK CONTROL) RECEIVER-TRANSMITTER | 8080 |
| uPD410D | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD410D-1 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD410D-2 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 100NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD410D-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 90NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD410D-5 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 80NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD411AC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CE ADDRESS LINES/2MS REFRESH | GEN. PURP. |
| uPD411AC-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CE ADDRESS LINES/2MS REFRESH | GEN. PURP. |
| uPD411AC-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CE ADDRESS LINES/2MS REFRESH | GEN. PURP. |
| uPD411AC-E | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6X 6Y 1CE ADDRESS LINES/2MS REFRESH | GEN. PURP. |
| uPD411AD | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CE ADDRESS LINES/2MS REFRESH | GEN. PURP. |
| uPD411AD-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CE ADDRESS LINES/2MS REFRESH | GEN. PURP. |
| uPD411AD-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CE ADDRESS LINES/2MS REFRESH | GEN. PURP. |
| uPD411AD-E | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6X 6Y 1CE ADDRESS LINES/2MS REFRESH | GEN. PURP. |
| uPD411D | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CE ADDRESS LINES | GEN. PURP. |
| uPD411D-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CE ADDRESS LINES | GEN. PURP. |
| uPD411D-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CE ADDRESS LINES/2MS REFRESH | GEN. PURP. |
| uPD411D-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CE ADDRESS LINES/2MS REFRESH | GEN. PURP. |
| uPD411D-4 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 135NS/6X 6Y 1CE ADDRESS LINES/2MS REFRESH | GEN. PURP. |
| uPD411D-E | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6X 6Y 1CE ADDRESS LINES/1MS REFRESH | GEN. PURP. |
| uPD414AC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414AC-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414AC-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414AC-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414AD | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414AD-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414AD-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|------------------|
| NEC | DIL-42/2P | PMOS | 0C/+70C | -10V | . | MOS | MOS | uPD545C | uCOM-42 |
| NEC | . | . | . | . | . | . | . | . | uCOM-42 EVACHIP |
| NEC | DIL-42/2P | PMOS | 0C/+70C | -10V | . | MOS | TTL/OD | uPD546C | uCOM-43 |
| NEC | . | . | . | . | . | . | . | . | uCOM-43 EVACHIP |
| NEC | . | . | . | . | . | . | . | . | uCOM-43H |
| NEC | . | . | . | . | . | . | . | . | uCOM-44 |
| NEC | . | . | . | . | . | . | . | . | uCOM-44C |
| NEC | . | . | . | . | . | . | . | . | uCOM-44H |
| NEC | . | . | . | . | . | . | . | . | uCOM-44L |
| NEC | . | . | . | . | . | . | . | . | uCOM-45 (5K ROM) |
| NEC | . | . | . | . | . | . | . | . | uCOM-45 (8K ROM) |
| NEC | . | . | . | . | . | . | . | . | uCOM-45C |
| NEC | . | . | . | . | . | . | . | . | uCOM-46 |
| NEC | DIL-14/1C | TTLB | 0C/+70C | +5V/+8V/+16V | 500MXMW | . | . | . | uPB243D |
| NEC | DIL-16/1C | TTLB | 0C/+70C | +5V/+12V | 450MXMW | TTL | MOS | C3207A | uPB246D |
| NEC | DIL-16/1C | TTLB | 0C/+70C | +5V | 450MXMW | TTL | TTL/OC | IM5603A | uPB403D |
| NEC | DIL-24/2C | TTLB | 0C/+70C | +5V | 614MXMW | TTL | TTL/OC | IM5606 | uPB405D |
| NEC | DIL-18/1C | TTLB | 0C/+70C | +5V | 500MXMW | TTL | TTL/OC | IM5606 | uPB406D |
| NEC | DIL-24/2C | TTLB | 0C/+70C | +5V | 614MXMW | TTL | TTL/TS | SAB3624-D | uPB425D |
| NEC | DIL-18/1C | TTLB | 0C/+70C | +5V | 500MXMW | TTL | TTL/TS | MCM7643L | uPB426D |
| NEC | DIL-16/1C | TTLB | 0C/+70C | +5V | 105MXMA | TTL | TTL/OC | SN7489J | uPB2089D |
| NEC | DIL-16/1C | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | SN74S200 | uPB2200D |
| NEC | DIL-16/1C | TTLB | 0C/+70C | +5V | 140MXMA | TTL | TTL/TS | SN74S201 | uPB2202D |
| NEC | DIL-16/1C | TTLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | SN74S206 | uPB2206D |
| NEC | DIL-16/1C | TTLB | 0C/+75C | +5V | 550MXMW | TTL | TTL/OC | C3101A | uPB2289D |
| NEC | DIL-24/2P | TTLB | 0C/+70C | +5V | 515MXMW | TTL | TTL/TS | P8212 | uPB8212C |
| NEC | DIL-24/2C | TTLB | 0C/+70C | +5V | 515MXMW | TTL | TTL/TS | D8212 | uPB8212D |
| NEC | DIL-24/2P | TTLB | 0C/+70C | +5V | 500MXMW | TTL | TTL | P8214 | uPB8214C |
| NEC | DIL-16/1P | STLB | 0C/+70C | +5V | 130MXMA | . | . | D8216 | uPB8216C |
| NEC | DIL-16/1C | STLB | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | D8216 | uPB8216D |
| NEC | DIL-16/1P | STLB | 0C/+70C | +5V/+12V | 955MXMW | . | TTL | D8224 | uPB8224C |
| NEC | DIL-16/1C | STLB | 0C/+70C | +5V/+12V | 955MXMW | . | TTL | D8224 | uPB8224D |
| NEC | DIL-16/1P | STLB | 0C/+70C | +5V | 120MXMW | TTL | TTL/TS | D8226 | uPB8226C |
| NEC | DIL-16/1C | STLB | 0C/+70C | +5V | 120MXMW | TTL | TTL/TS | D8226 | uPB8226D |
| NEC | DIL-28/2P | STLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | D8228 | uPB8228C |
| NEC | DIL-28/2C | STLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | D8228 | uPB8228D |
| NEC | DIL-28/2P | STLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | D8238 | uPB8238C |
| NEC | DIL-28/2C | STLB | 0C/+70C | +5V | 190MXMA | TTL | TTL/TS | D8238 | uPB8238D |
| NEC | DIL-16/1C | ECLB | 0C/+85C | -5.2V | 103MXMA | -1.6/- .8V | -1.6/- .8V | SN10142J | uPB10142D |
| NEC | DIL-16/1C | ECLB | 0C/+85C | -5.2V | 125MXMA | -1.6/- .8V | -1.6/- .8V | GXB10144D | uPB10144D |
| NEC | DIL-16/1C | ECLB | 0C/+85C | -5.2V | 103MXMA | -1.6/- .8V | -1.6/- .8V | GXB10148D | uPB10148D |
| NEC | DIL-14/1C | TTLB | 0C/+70C | +5V | 430MXMW | . | . | . | uPC77D |
| NEC | DIL-14/1C | TTLB | 0C/+70C | +5V | 230MXMW | . | . | . | uPC171D |
| NEC | DIL-42/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 360MXMW | TTL | TTL | . | uPD369C |
| NEC | DIL-42/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 360MXMW | TTL | TTL | . | uPD369D |
| NEC | DIL-42/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 390MXMW | TTL | TTL | . | uPD371D |
| NEC | DIL-42/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 365MXMW | TTL | TTL | . | uPD372D |
| NEC | DIL-42/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 380MXMW | TTL | TTL/TS | . | uPD379D |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 365MXMW | TTL | TTL/TS | 4200AC | uPD410D |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 470MXMW | TTL | TTL/TS | 4200BCC | uPD410D-1 |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 615MXMW | TTL | TTL/TS | . | uPD410D-2 |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 615MXMW | TTL | TTL/TS | . | uPD410D-3 |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 615MXMW | TTL | TTL/TS | . | uPD410D-5 |
| NEC | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 660MXMW | TTL | TTL/TS | B2107B-5 | uPD411AC |
| NEC | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 660MXMW | TTL | TTL/TS | B2107B-4 | uPD411AC-1 |
| NEC | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 660MXMW | TTL | TTL/TS | B2107B | uPD411AC-2 |
| NEC | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 480MXMW | TTL | TTL/TS | B2107B-6 | uPD411AC-E |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 660MXMW | TTL | TTL/TS | B2107B-5 | uPD411AD |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 660MXMW | TTL | TTL/TS | B2107B-4 | uPD411AD-1 |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 660MXMW | TTL | TTL/TS | B2107B | uPD411AD-2 |
| NEC | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 480MXMW | TTL | TTL/TS | B2107B-6 | uPD411AD-E |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 720MXMW | TTL | TTL/TS | B2107B-5 | uPD411D |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 720MXMW | TTL | TTL/TS | B2107B-4 | uPD411D-1 |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 720MXMW | TTL | TTL/TS | B2107B | uPD411D-2 |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 780MXMW | TTL | TTL/TS | . | uPD411D-3 |
| NEC | DIL-22/4C | NMOS | +10C/+55C | -5V/+5V/+15V | 960MXMW | TTL | TTL/TS | . | uPD411D-4 |
| NEC | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 720MXMW | TTL | TTL | C2107A-4 | uPD411D-E |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027P-4 | uPD414AC |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027N-4 | uPD414AC-1 |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027P-2 | uPD414AC-2 |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027N-2 | uPD414AC-3 |
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027P-3 | uPD414AD |
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027P-4 | uPD414AD-1 |
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027P-2 | uPD414AD-2 |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| uPD414AD-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414C | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414C-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414C-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414C-E | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414D | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414D-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MULTIPLEXED ADDRESS 1CS LINES | GEN. PURP. |
| uPD414D-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD414D-E | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/2X6 MULTIPLEXED ADDRESS LINES | GEN. PURP. |
| uPD416C | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/MULTIPLEXED 7 ADDRESS LINES | GEN. PURP. |
| uPD416C-1 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/MULTIPLEXED 7 ADDRESS LINES | GEN. PURP. |
| uPD416C-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/MULTIPLEXED 7 ADDRESS LINES | GEN. PURP. |
| uPD416C-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/MULTIPLEXED 7 ADDRESS LINES | GEN. PURP. |
| uPD416C-5 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 120NS/MULTIPLEXED 7 ADDRESS LINES | GEN. PURP. |
| uPD416D | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/MULTIPLEXED 7 ADDRESS LINES | GEN. PURP. |
| uPD416D-1 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/MULTIPLEXED 7 ADDRESS LINES | GEN. PURP. |
| uPD416D-2 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/MULTIPLEXED 7 ADDRESS LINES | GEN. PURP. |
| uPD416D-3 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 150NS/MULTIPLEXED 7 ADDRESS LINES | GEN. PURP. |
| uPD416D-5 | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 120NS/MULTIPLEXED 7 ADDRESS LINES | GEN. PURP. |
| uPD418C | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD418C-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD418C-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD418C-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD418D | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD418D-1 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD418D-2 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD418D-3 | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD418D-E | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD421 | SRAM | 8-BIT | 8K=1024X8/MAX. ACCESS 85-100-150-200NS/10 ADDR. 1CS LINES/PWR DN | GEN. PURP. |
| uPD443/6508C | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD443/6508C-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD443/6508D | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD443/6508D-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD444/6514C | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CE ADDR. LINES/2V RETENTION | GEN. PURP. |
| uPD445LC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 650NS/6X 4Y 2CE ADDR. LINES | GEN. PURP. |
| uPD445LC-1 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 2CE ADDR. LINES | GEN. PURP. |
| uPD454D | EAROM | 8-BIT | 2K=256X8/MAX. ACCESS 800NS/8 ADDR. 1CS LINES | 8080 |
| uPD458D | EAROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/10 ADDR. 1CS LINES | 8080 |
| uPD464C | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 450NS | GEN. PURP. |
| uPD464D | MROM | 8-BIT | 2K=256X8/MAX. ACCESS 450NS | GEN. PURP. |
| uPD545C | MICMP | 4-BIT | 1-CHIP CALCULATOR-ORIENTED MICROCOMPUTER/ALT. TYPE NO. uCOM42 | 545 |
| uPD546C | MICTR | 4-BIT | 1-CHIP CONTROLLER-ORIENTED MICROCOMPUTER/ALT. TYPE NO. uCOM43 | 546 |
| uPD547C | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/1KX8 ROM/64X4 RAM/35 I-O/ALT. TYPE uCOM-44 | 545 |
| uPD547LC | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/LOW PWR VERSION OF uPD547L/ALT. NO. uCOM44L | 545 |
| uPD548C | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/1920X10 ROM/96X4 RAM/ALT. NO. uCOM-42 | 545 |
| uPD550C | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/640X8 ROM/32X4 RAM/35V OP/OTHER NO. uCOM-45 | 545 |
| uPD551C | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/1KX8 ROM/64X4 RAM/ADC/OTHER NO. uCOM-46 | 545 |
| uPD552C | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/1KX8 ROM/64X4 RAM/35V OP/OTHER NO. uCOM44H | 545 |
| uPD553C | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/2KX8 ROM/96X4 RAM/35V OP/OTHER NO. uCOM-43 | 545 |
| uPD554C | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/1KX8 ROM/32X4 RAM/35V OP/ALT. NO. uCOM45-8K | 545 |
| uPD555D | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/96X4 RAM/ROMLESS uPD548/ALT. NO. EVACHIP 42 | 545 |
| uPD556B | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/EVALN CHIP FOR uCOM-43-44-45/ = EVACHIP 43 | 545 |
| uPD650C | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/CMOS VERSION OF uPD546-uCOM43 | 545 |
| uPD651C | MICMP | 4-BIT | 1-CHIP MICROCOMPUTER/CMOS VERSION OF uPD547-uCOM44 | 545 |
| uPD652C | MICMP | 4-BIT | 1-BIT MICROCOMPUTER/CMOS VERSION OF uPD554-uCOM45(8K) | 545 |
| uPD758C | PRTRC | 8-BIT | PRINTER CONTROLLER FOR 8080 FAM. (APP. B)/EPSON 101 SER. PRINTER | 8080 |
| uPD764C | PRTRC | 8-BIT | PRINTER CONTROLLER FOR 8080 FAM (APP B)/EPSON CR330,M310 SER. | 8080 |
| uPD765C | FLPDC | 8-BIT | SINGLE-DOUBLE DENSITY FLOPPY DISK CONTROLLER | 8080-8085 |
| uPD780C | CPU | 8-BIT | 1-CHIP CPU OF Z80 FAM./=Z80-CPU-CS/0.4us CLOCK PERIOD MIN. | Z80 |
| uPD780C-1 | CPU | 8-BIT | 1-CHIP CPU OF Z80 FAM./=Z80A-CPU /0.25us CLOCK PERIOD MIN. | Z80 |
| uPD2101ALC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| uPD2101ALC-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| uPD2101ALC-4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| uPD2102ALC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| uPD2102ALC-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| uPD2102ALC-4 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| uPD2111ALC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| uPD2111ALC-2 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| uPD2111ALC4 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| uPD2114LC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2114LC-1 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2114LC-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2114LC-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2114LC-5 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2114LD | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|----------------------|------------------|--------------------|---------------------|-------------|----------------|
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027P-2 | uPD414AD-3 |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027N-4 | uPD414C |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027N-4 | uPD414C-1 |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027P-2 | uPD414C-2 |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027N-4 | uPD414C-E |
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027P-4 | uPD414D |
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027P-4 | uPD414D-1 |
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027P-3 | uPD414D-2 |
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 300MXMW | TTL | TTL/TS | MK4027P-4 | uPD414D-E |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 420MXMW | TTL | TTL/TS | MK4116P-4 | uPD416C |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 420MXMW | TTL | TTL/TS | MK4116P-4 | uPD416C-1 |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 420MXMW | TTL | TTL/TS | MK4116P-2 | uPD416C-2 |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 420MXMW | TTL | TTL/TS | MK4116P-2 | uPD416C-3 |
| NEC | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 420MXMW | TTL | TTL/TS | MK4116P-4 | uPD416C-5 |
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 420MXMW | TTL | TTL/TS | MK4116P-4 | uPD416D |
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 420MXMW | TTL | TTL/TS | MK4116P-4 | uPD416D-1 |
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 420MXMW | TTL | TTL/TS | MK4116P-3 | uPD416D-2 |
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 420MXMW | TTL | TTL/TS | MK4116P-2 | uPD416D-3 |
| NEC | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 420MXMW | TTL | TTL/TS | MK4116P-4 | uPD416D-5 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | -5V/+12V | 328MXMW | TTL | TTL/OD | TMS4050NL | uPD418C |
| NEC | DIL-18/1P | NMOS | 0C/+70C | -5V/+12V | 328MXMW | TTL | TTL/OD | TMS4050-1NL | uPD418C-1 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | -5V/+12V | 328MXMW | TTL | TTL/OD | TMS4050-2NL | uPD418C-2 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | -5V/+12V | 328MXMW | TTL | TTL/OD | TMS4050-3NL | uPD418C-3 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 287MXMW | TTL | TTL/OD | TMS4050JL | uPD418D |
| NEC | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 328MXMW | TTL | TTL/OD | TMS4050-1JL | uPD418D-1 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 370MXMW | TTL | TTL/OD | TMS4050-2JL | uPD418D-2 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 370MXMW | TTL | TTL/OD | TMS4050-3JL | uPD418D-3 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | -5V/+12V | 350MXMW | TTL | TTL/OD | TMS4050JL | uPD418D-E |
| NEC | DIL-22-4P | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | | uPD421 |
| NEC | DIL-16/1P | CMOS | 0C/+70C | +5V | | TTL | TTL/TS | IM6508A | uPD443/6508C |
| NEC | DIL-16/1P | CMOS | 0C/+70C | +5V | | TTL | TTL/TS | IM6508A | uPD443/6508C-1 |
| NEC | DIL-16/1C | CMOS | 0C/+70C | +5V | | TTL | TTL/TS | IM6508A | uPD443/6508D |
| NEC | DIL-16/1C | CMOS | 0C/+70C | +5V | | TTL | TTL/TS | IM6508A | uPD443/6508D-1 |
| NEC | DIL-18/1P | CMOS | 0C/+70C | +5V | | TTL | TTL/TS | IM6514 | uPD444/6514C |
| NEC | DIL-20/4P | CMOS | 0C/+70C | +5V | 150MXMW | TTL | TTL/TS | | uPD445LC |
| NEC | DIL-20/4P | CMOS | 0C/+70C | +5V | 150MXMW | TTL | TTL/TS | | uPD445LC-1 |
| NEC | DIL-24/2C | NMOS | 0C/+70C | +5V/+12V | 200MXMW | TTL | TTL/TS | | uPD454D |
| NEC | DIL-28/2C | NMOS | 0C/+70C | +5V/+12V | 605MXMW | TTL | TTL/TS | | uPD458D |
| NEC | DIL-24/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 520MXMW | TTL | TTL/TS | | uPD464C |
| NEC | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 520MXMW | TTL | TTL/TS | | uPD464D |
| NEC | DIL-42/2P | | 0C/+70C | -10V | | MOS | MOS | | uPD545C |
| NEC | DIL-42/2P | PMOS | 0C/+70C | -10V | | MOS | TTL/OD | | uPD546C |
| NEC | DIL-42/2P | PMOS | 0C/+70C | -10V | 50MXMA | TTL | TTL/OD | | uPD547C |
| NEC | DIL-42/2P | PMOS | 0C/+70C | -8V | 25MXMA | TTL | TTL/OD | | uPD547LC |
| NEC | DIL-42/2P | PMOS | 0C/+70C | -10V | | TTL | TTL | | uPD548C |
| NEC | DIL-28/2P | PMOS | 0C/+70C | -10V | 40MXMA | TTL | TTL | | uPD550C |
| NEC | DIL-40/2P | PMOS | 0C/+70C | -10V | 40MXMA | TTL | TTL/OD | | uPD551C |
| NEC | DIL-42/2P | PMOS | 0C/+70C | -10V | 50MXMA | PMOS | PMOS | | uPD552C |
| NEC | DIL-42/2P | PMOS | 0C/+70C | -10V | 50MXMA | PMOS | PMOS | | uPD553C |
| NEC | DIL-28/2P | PMOS | 0C/+70C | -10V | 40MXMA | PMOS | PMOS | | uPD554C |
| NEC | DIL-64/3C | PMOS | 0C/+70C | -10V | 60MXMA | PMOS | PMOS/OD | | uPD555D |
| NEC | QIL-64/1C | PMOS | 0C/+70C | -10V | 50MXMA | PMOS | PMOS | | uPD556B |
| NEC | DIL-42/2P | CMOS | -35C/+85C | +5V | 2MXMA | CMOS | CMOS | | uPD650C |
| NEC | DIL-42/2P | CMOS | -35C/+85C | +5V | 2MXMA | CMOS | CMOS | | uPD651C |
| NEC | DIL-42/2P | CMOS | -30C/+85C | +5V | 2MXMA | CMOS | CMOS | | uPD652C |
| NEC | DIL-42/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 340MXMW | TTL | TTL | | uPD758C |
| NEC | DIL-42/2P | NMOS | 0C/+70C | +5V | 225MXMW | TTL | TTL | | uPD764C |
| NEC | DIL-40/2P | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | | uPD765C |
| NEC | DIL-40/2P | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL/TS | Z80-CPU-CS | uPD780C |
| NEC | DIL-40/2P | NMOS | 0C/+70C | +5V | 200MXMA | TTL | TTL/TS | Z80A-CPU-CS | uPD780C-1 |
| NEC | DIL-22/4P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2101A | uPD2101ALC |
| NEC | DIL-22/4P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2101A-2 | uPD2101ALC-2 |
| NEC | DIL-22/4P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2101A-4 | uPD2101ALC-4 |
| NEC | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2102AL | uPD2102ALC |
| NEC | DIL-16/1P | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | P2102AL | uPD2102ALC-2 |
| NEC | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2102AL-4 | uPD2102ALC-4 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | +5V | 200MXMW | TTL | TTL/TS | | uPD2111ALC |
| NEC | DIL-18/1P | NMOS | 0C/+70C | +5V | 200MXMW | TTL | TTL/TS | | uPD2111ALC-2 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | +5V | 175MXMW | TTL | TTL/TS | | uPD2111ALC4 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2114L | uPD2114LC |
| NEC | DIL-18/1P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2114L-3 | uPD2114LC-1 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2114L-2 | uPD2114LC-2 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2114L-2 | uPD2114LC-3 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | | uPD2114LC-5 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2114L | uPD2114LD |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| uPD2114LD-1 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2114LD-2 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2114LD-3 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2114LD-5 | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2115D-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 120NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2115D-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2125D-1 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 120NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2125D-2 | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2147D | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 85NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2147D-2 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD2147D-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 55NS/6X 6Y 1CS ADDR. LINES | GEN. PURP. |
| uPD2308C | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| uPD2308D | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| uPD2316AC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 650NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| uPD2316AD | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 650NS/7X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| uPD2316EC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDRESS LINES/E-PINOUT | 8080 |
| uPD2316ED | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/7X 4Y 3CS ADDRESS LINES/E-PINOUT | 8080 |
| uPD2332C | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/7X 5Y 2CS ADDR. LINES | GEN. PURP. |
| uPD2332D | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 450NS/7X 5Y 2CS ADDR. LINES | GEN. PURP. |
| uPD2364C | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 450NS/13 ADDR. 1CS LINES | GEN. PURP. |
| uPD2364D | MROM | 8-BIT | 64K=8192X8/MAX. ACCESS 450NS/13 ADDR. 1CS LINES | GEN. PURP. |
| uPD2716 | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/6X 5Y 1CS ADDRESS LINES/POWER DOWN | 8085-8080 |
| uPD4104C-30 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CE ADDRESS LINES | GEN. PURP. |
| uPD4104D-30 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CE ADDRESS LINES | GEN. PURP. |
| uPD4104C-32 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CE ADDRESS LINES | GEN. PURP. |
| uPD4104D-32 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CE ADDRESS LINES | GEN. PURP. |
| uPD4104D-33 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CE ADDRESS LINES | GEN. PURP. |
| uPD4104C-35 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 120NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD4104D-35 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 120NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD4104C-36 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 85NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD4104D-36 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 85NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| uPD5101C-E | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| uPD5101LC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| uPD5101LC-1 | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES | GEN. PURP. |
| uPD8021C | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/1KX8 ROM/64X8 RAM/21 IO/TIMER/LOW COST | 8048 |
| uPD8035C | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS 8048 | 8048 |
| uPD8035D | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS 8048 | 8048 |
| uPD8039C | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/ROMLESS 8049 | 8048 |
| uPD8039D | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/ROMLESS 8049 | 8048 |
| uPD8041C | PIA | 8-BIT | UNIVERSAL PERIPHERAL INTERFACE FOR 8080-8048-8085-8086/INT. MROM | 8080 ETC |
| uPD8041D | PIA | 8-BIT | UNIVERSAL PERIPHERAL INTERFACE FOR 8080-8048-8085-8086/INT EPROM | 8080 ETC |
| uPD8048C | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1024X8 ROM/27 I-O LINES | 8048 |
| uPD8048D | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1024X8 ROM/27 I-O LINES | 8048 |
| uPD8049C | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/2KX8 MROM/27 IO/TIMER | 8048 |
| uPD8049D | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/2KX8 MROM/27 IO/TIMER | 8048 |
| uPD8080AD | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/MIN INSTN. CYCLE 2uS | 8080 |
| uPD8080AD-1 | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/MIN INSTN. CYCLE 1.3uS | 8080 |
| uPD8080AD-2 | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM. (APP. B)/MIN INSTN. CYCLE 1.5uS | 8080 |
| uPD8080AFC | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM./2.0MHZ CLOCK | 8080 |
| uPD8080AFC-1 | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM./3MHZ CLOCK | 8080 |
| uPD8080AFC-2 | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM./2.5MHZ CLOCK | 8080 |
| uPD8080AFD | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM./2.0MHZ CLOCK | 8080 |
| uPD8080AFD-1 | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM./3MHZ CLOCK | 8080 |
| uPD8080AFD-2 | MPU | 8-BIT | 1-CHIP CPU OF 8080 FAM./2.5MHZ CLOCK | 8080 |
| uPD8085AC | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL 3MHZ CLOCK | 8085A |
| uPD8085AD | CPU | 8-BIT | 1-CHIP CPU OF 8085 FAM./INTERNAL 3MHZ CLOCK | 8085A |
| uPD8155C | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| uPD8156C | RAMIO | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/CE ACTIVE HIGH/SRAM/I-O PORTS/CLOCK | 8048/8085 |
| uPD8243C | EXPIO | 4-BIT | INPUT-OUTPUT EXPANDER/4 I-O PORTS AS EXTENSION FROM ONE I-O PORT | 8048 |
| uPD8243D | EXPIO | 4-BIT | INPUT-OUTPUT EXPANDER/4 I-O PORTS AS EXTENSION FROM ONE I-O PORT | 8048 |
| uPD8251AC | USART | 8-BIT | 64K-BAUD VERSION OF 8251 WITH AUTO BREAK DETECT AND HANDLING | 8080 |
| uPD8251AD | USART | 8-BIT | 64K-BAUD VERSION OF 8251 WITH AUTO BREAK DETECT AND HANDLING | 8080 |
| uPD8251C | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH.-ASYNCH. RECVR.-TRANSMTR./56K BAUD | 8080 |
| uPD8251D | USART | 8-BIT | PROGRAMMABLE UNIVERSAL SYNCH.-ASYNCH. RECVR.-TRANSMTR./56K BAUD | 8080 |
| uPD8253C | PTM | 8-BIT | INTERVAL TIMER FOR 8080 FAM. (APP. B)/THREE 16-BIT COUNTERS/2MHZ | 8080 |
| uPD8253C-5 | PTM | 8-BIT | FASTER VERSION OF uPD8253C | 8080 |
| uPD8255AC-5 | PIA | 8-BIT | PROG. I-O PORT FOR 8080 FAM. | 8080 |
| uPD8255AD-5 | PIA | 8-BIT | PROG. I-O PORT FOR 8080 FAM. | 8080 |
| uPD8255C | PIA | 8-BIT | PROG. I-O PORT FOR 8080 FAM. | 8080 |
| uPD8255C-E | PIA | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAM. (APP. B) | 8080 |
| uPD8255D | PIA | 8-BIT | PROG. I-O PORT FOR 8080 FAM. | 8080 |
| uPD8257C | DMAC | 8-BIT | DMA CONTROLLER FOR 8080 FAM./4-CHANNEL/MAX. ACCESS 300NS | 8080 |
| uPD8257C-5 | DMAC | 8-BIT | DMA CONTROLLER FOR 8080 FAM./4-CHANNEL/MAX. ACCESS 200NS | 8080 |
| uPD8259C | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080 FAM./MAX. ACCESS 300NS | 8080 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| NEC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | D2114L-3 | uPD2114LD-1 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | D2114L-2 | uPD2114LD-2 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | D2114L-2 | uPD2114LD-3 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 70MXMA | . TTL | TTL/TS | D2114L-2 | uPD2114LD-5 |
| NEC | DIL-16/1C | NMOS | 0C/+70C | . . . +5V | 380MXMW | . TTL | TTL/OC | D2115-1 | uPD2115D-1 |
| NEC | DIL-16/1C | NMOS | 0C/+70C | . . . +5V | 380MXMW | . TTL | TTL/OC | D2115-2 | uPD2115D-2 |
| NEC | DIL-16/1C | NMOS | 0C/+70C | . . . +5V | 380MXMW | . TTL | TTL/TS | C2125A-2 | uPD2125D-1 |
| NEC | DIL-16/1C | NMOS | 0C/+70C | . . . +5V | 380MXMW | . TTL | TTL/TS | C2125A-2 | uPD2125D-2 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 160MXMA | . TTL | TTL/TS | D2147 | uPD2147D |
| NEC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 160MXMA | . TTL | TTL/TS | D2147 | uPD2147D-2 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 160MXMA | . TTL | TTL/TS | D2147-3 | uPD2147D-3 |
| NEC | DIL-24/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 250MXMW | . TTL | TTL/TS | P2308 | uPD2308C |
| NEC | DIL-24/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 250MXMW | . TTL | TTL/TS | C2308 | uPD2308D |
| NEC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 350MXMW | . TTL | TTL/TS | P2316A | uPD2316AC |
| NEC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 350MXMW | . TTL | TTL/TS | D2316A | uPD2316AD |
| NEC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS | D2316E | uPD2316EC |
| NEC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL/TS | D2316E | uPD2316ED |
| NEC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | D2332A | uPD2332C |
| NEC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 110MXMA | . TTL | TTL/TS | D2332A | uPD2332D |
| NEC | DIL-28/2P | NMOS | 0C/+75C | . . . +5V | . . . | . TTL | TTL/TS | D2364A | uPD2364C |
| NEC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | . . . | . TTL | TTL/TS | D2364A | uPD2364D |
| NEC | DIL-24/2Q | NMOS | 0C/+70C | . . . +5V | 100MXMA | . TTL | TTL/TS | D2716 | uPD2716 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 21MXMA | . TTL | TTL | MK4104P-85 | uPD4104C-30 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 21MXMA | . TTL | TTL | MK4104P-5 | uPD4104D-30 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 21MXMA | . TTL | TTL | MK4104N-3 | uPD4104C-32 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 21MXMA | . TTL | TTL | MK4104P-3 | uPD4104D-32 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 40MXMA | . TTL | TTL | . . . | uPD4104C-33 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 40MXMA | . TTL | TTL | . . . | uPD4104D-33 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 40MXMA | . TTL | TTL | . . . | uPD4104C-35 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 40MXMA | . TTL | TTL | . . . | uPD4104D-35 |
| NEC | DIL-18/1P | NMOS | 0C/+70C | . . . +5V | 40MXMA | . TTL | TTL | . . . | uPD4104C-36 |
| NEC | DIL-18/1C | NMOS | 0C/+70C | . . . +5V | 40MXMA | . TTL | TTL | . . . | uPD4104D-36 |
| NEC | DIL-22/4P | CMOS | 0C/+70C | . . . +5V | 65MXMA | . TTL | TTL | B5101-8 | uPD5101C-E |
| NEC | DIL-22/4P | CMOS | 0C/+70C | . . . +5V | 27MXMA | . TTL | TTL/TS | P5101L | uPD5101LC |
| NEC | DIL-22/4P | CMOS | 0C/+70C | . . . +5V | 27MXMA | . TTL | TTL/TS | P5101L-1 | uPD5101LC-1 |
| NEC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 60MXMA | . TTL | TTL | P8021 | uPD8021C |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 135MXMA | . TTL | TTL | D8035 | uPD8035C |
| NEC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 135MXMA | . TTL | TTL | D8035 | uPD8035D |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 140MXMA | . TTL | TTL | D8039 | uPD8039C |
| NEC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 140MXMA | . TTL | TTL | D8039 | uPD8039D |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 135MXMA | . TTL | TTL | D8041 | uPD8041C |
| NEC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 135MXMA | . TTL | TTL | D8041 | uPD8041D |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 135MXMA | . TTL | TTL | D8048 | uPD8048C |
| NEC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 135MXMA | . TTL | TTL | D8048 | uPD8048D |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 140MXMA | . TTL | TTL | D8049 | uPD8049C |
| NEC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 140MXMA | . TTL | TTL | D8049 | uPD8049D |
| NEC | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 780MXMW | . TTL | TTL/TS | D8080A | uPD8080AD |
| NEC | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 780MXMW | . TTL | TTL/TS | D8080A-1 | uPD8080AD-1 |
| NEC | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 780MXMW | . TTL | TTL/TS | D8080A-2 | uPD8080AD-2 |
| NEC | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 1.25MXW | . TTL | TTL/TS | D8080A | uPD8080AFC |
| NEC | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 1.25MXW | . TTL | TTL/TS | D8080A-1 | uPD8080AFC-1 |
| NEC | DIL-40/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 1.25MXW | . TTL | TTL/TS | D8080A-2 | uPD8080AFC-2 |
| NEC | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 1.25MXW | . TTL | TTL/TS | D8080A | uPD8080AFD |
| NEC | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 1.25MXW | . TTL | TTL/TS | D8080A-1 | uPD8080AFD-1 |
| NEC | DIL-40/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 1.25MXW | . TTL | TTL/TS | D8080A-2 | uPD8080AFD-2 |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL | D8085A | uPD8085AC |
| NEC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 170MXMA | . TTL | TTL | D8085A | uPD8085AD |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 180MXMA | . TTL | TTL | D8155 | uPD8155C |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 180MXMA | . TTL | TTL | D8156 | uPD8156C |
| NEC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 20MXMA | . TTL | TTL | D8243 | uPD8243C |
| NEC | DIL-24/2C | NMOS | 0C/+70C | . . . +5V | 20MXMA | . TTL | TTL | D8243 | uPD8243D |
| NEC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 100MXMA | . TTL | TTL | D8251A | uPD8251AC |
| NEC | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 100MXMA | . TTL | TTL | D8251A | uPD8251AD |
| NEC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 100MXMA | . TTL | TTL | D8251 | uPD8251C |
| NEC | DIL-28/2C | NMOS | 0C/+70C | . . . +5V | 100MXMA | . TTL | TTL | D8251 | uPD8251D |
| NEC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 85MXMA | . TTL | TTL | C8253 | uPD8253C |
| NEC | DIL-24/2P | NMOS | 0C/+70C | . . . +5V | 85MXMA | . TTL | TTL | C8253-5 | uPD8253C-5 |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL | D8225A-5 | uPD8255AC-5 |
| NEC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL | D8225A-5 | uPD8255AD-5 |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL | D8255 | uPD8255C |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 200MXMW | . TTL | TTL | D8255 | uPD8255C-E |
| NEC | DIL-40/2C | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL | D8255 | uPD8255D |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL | D8257 | uPD8257C |
| NEC | DIL-40/2P | NMOS | 0C/+70C | . . . +5V | 120MXMA | . TTL | TTL | D8257-5 | uPD8257C-5 |
| NEC | DIL-28/2P | NMOS | 0C/+70C | . . . +5V | 85MXMA | . TTL | TTL | D8259 | uPD8259C |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| uP8259C-5 | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080A FAM. | 8085A |
| uP8259D | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080 FAM. (APP. B) | 8080 |
| uP8259D-5 | PINTC | 8-BIT | PRIORITY INTERRUPT CONTROLLER FOR 8080A FAM. | 8085A |
| uP8279C-5 | KBDSK | 8-BIT | PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE FOR 8085 FAM. | 8085A |
| uP8355C | ROMIO | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8 ADDR. -DATA 2CE ADDR. LINES | 8048/8085 |
| uP8741C | PIA | 8-BIT | UNIVERSAL PERIPHERAL INTERFACE FOR 8080-8048-8085-8086/INT EPROM | 8080 ETC |
| uP8741D | PIA | 8-BIT | UNIVERSAL PERIPHERAL INTERFACE FOR 8080-8048-8085-8086/INT EPROM | 8080 ETC |
| uP8748C | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INTERNAL CPU-RAM-IO-EPROM/6MHZ INT. CLOCK | 8048 |
| uP8748D | MICMP | 8-BIT | 1-CHIP MICROCOMPUTER/INTERNAL CPU-RAM-IO-EPROM/6MHZ INT. CLOCK | 8048 |
| uP8755AD | EPROM | 8-BIT | 16K=2048X8/MAX. ACCESS 400NS/8X 3Y 2CE ADDRESS LINES | 8048/8085 |
| 8T13DC | DRVR | 2-BIT | DUAL LINE DRIVER/TYP. DELAY 20NS/ 50MA OUTPUT | GEN. PURP. |
| 8T13DM | DRVR | 2-BIT | DUAL LINE DRIVER/TYP. DELAY 20NS/ 50MA OUTPUT | GEN. PURP. |
| 8T13FM | DRVR | 2-BIT | DUAL LINE DRIVER/TYP. DELAY 20NS/ 50MA OUTPUT | GEN. PURP. |
| 8T13PC | DRVR | 2-BIT | DUAL LINE DRIVER/TYP. DELAY 20NS/ 50MA OUTPUT | GEN. PURP. |
| 8T14DC | RCVR | 3-BIT | TRIPLE LINE RECEIVER/TYP. DELAY 20NS | GEN. PURP. |
| 8T14DM | RCVR | 3-BIT | TRIPLE LINE RECEIVER/TYP. DELAY 20NS | GEN. PURP. |
| 8T14PC | RCVR | 3-BIT | TRIPLE LINE RECEIVER/TYP. DELAY 20NS | GEN. PURP. |
| 8T23DC | DRVR | 2-BIT | DUAL LINE DRIVER/IBM370 /250MA O-P CURRENT/TYP. DELAY 20NS | GEN. PURP. |
| 8T23PC | DRVR | 2-BIT | DUAL LINE DRIVER/IBM370/250MA O-P CURRENT/TYP. DELAY 20NS | GEN. PURP. |
| 8T24DC | RCVR | 3-BIT | TRIPLE IBM-370 LINE RECEIVER/TYP. DELAY 20NS | GEN. PURP. |
| 8T24PC | RCVR | 3-BIT | TRIPLE IBM-370 LINE RECEIVER/TYP. DELAY 20NS | GEN. PURP. |
| 8T26DC | TRCVR | 4-BIT | QUAD 3-STATE TRANSCEIVER/NON-INVERTING | GEN. PURP. |
| 8T26PC | TRCVR | 4-BIT | QUAD 3-STATE TRANSCEIVER/NON-INVERTING | GEN. PURP. |
| 8T28DC | TRCVR | 4-BIT | QUAD 3-STATE TRANSCEIVER/INVERTING | GEN. PURP. |
| 8T28PC | TRCVR | 4-BIT | QUAD 3-STATE TRANSCEIVER/INVERTING | GEN. PURP. |
| 8T58I | EXPIO | 8-BIT | BUS EXPANDER FOR 8X300 FAM. | 8X300 |
| 8T58XL | EXPIO | 8-BIT | BUS EXPANDER FOR 8X300 FAM. | 8X300 |
| 8X01A | CRCGR | . | CYCLIC REDUNDANCY CHECK GENERATOR-CHECKER | GEN. PURP. |
| 8X01F | CRCGR | . | CYCLIC REDUNDANCY CHECK GENERATOR-CHECKER | GEN. PURP. |
| 8X01N | CRCGR | . | CYCLIC REDUNDANCY CHECK GENERATOR-CHECKER | 8X300 |
| 8X02I | SQNCR | . | CONTROL STORE SEQUENCER | GEN. PURP. |
| 8X02N | SQNCR | . | CONTROL STORE SEQUENCER | GEN. PURP. |
| 8X02XL | SQNCR | . | CONTROL STORE SEQUENCER | GEN. PURP. |
| 8X03B | FIFO | 2-BIT | DESKEW FIFO MEMORY/CMOS-TTL COMPATIBLE I-O/15V I-O BREAKDOWN | GEN. PURP. |
| 8X03F | FIFO | 2-BIT | DESKEW FIFO MEMORY/CMOS-TTL COMPATIBLE I-O/15V I-O BREAKDOWN | GEN. PURP. |
| 8X04F | FIFO | 2-BIT | DESKEW FIFO MEMORY/CMOS-TTL COMPATIBLE I-O/5.5V I-O BREAKDOWN | GEN. PURP. |
| 8X04B | FIFO | 2-BIT | DESKEW FIFO MEMORY/CMOS-TTL COMPATIBLE I-O/5.5V I-O BREAKDOWN | GEN. PURP. |
| 8X06I | FIFO | 8-BIT | 512=64X8/FIFO SERIAL MEMORY | GEN. PURP. |
| 8X06XL | FIFO | 8-BIT | 512=64X8/FIFO SERIAL MEMORY | GEN. PURP. |
| 8X07I | FIFO | 9-BIT | 576=64X9/FIFO SERIAL MEMORY | GEN. PURP. |
| 8X07XL | FIFO | 9-BIT | 576=64X9/FIFO SERIAL MEMORY | GEN. PURP. |
| 8X300I | MPU | 8-BIT | CENTRAL PROCESSING UNIT FOR 8X300 FAMILY | 8X300 |
| 21F02B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| 21F02F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| 21F02I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| 21F02-4B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| 21F02-4F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| 21F02-4I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| 21L02B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y ADDRESS 1CE LINES/LO PWR STDBY | GEN. PURP. |
| 21L02F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y ADDRESS 1CE LINES/LO PWR STDBY | GEN. PURP. |
| 21L02FDC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| 21L02FDL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| 21L02FDM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| 21L02FPC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| 21L02HDC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| 21L02HDL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| 21L02HDM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/10 ADDRESS 1CS LINES/LO PWR STDBY | GEN. PURP. |
| 21L02HPC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CS ADDRESS LINES PWR DWN | GEN. PURP. |
| 21L02I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y ADDRESS 1CE LINES/LO PWR STDBY | GEN. PURP. |
| 21L02-1B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y ADDRESS 1CE LINES/LO PWR STDBY | GEN. PURP. |
| 21L02-1F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y ADDRESS 1CE LINES/LO PWR STDBY | GEN. PURP. |
| 21L02-1I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y ADDRESS 1CE LINES/LO PWR STDBY | GEN. PURP. |
| 21L02-2B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y ADDRESS 1CE LINES/LO PWR STDBY | GEN. PURP. |
| 21L02-2F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y ADDRESS 1CE LINES/LO PWR STDBY | GEN. PURP. |
| 21L02-2I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y ADDRESS 1CE LINES/LO PWR STDBY | GEN. PURP. |
| 21L02-3B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y ADDRESS 1CE LINES/LO PWR STDBY | GEN. PURP. |
| 21L02-3F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y ADDRESS 1CE LINES/LO PWR STDBY | GEN. PURP. |
| 21L02-3I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 400NS/5X 5Y ADDRESS 1CE LINES/LO PWR STDBY | GEN. PURP. |
| 21L021DC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| 21L021DL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CS ADDRESS LINES PWR DWN | GEN. PURP. |
| 21L021DM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| 21L021PC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| 21L022DC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| 21L022DL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| 21L022DM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| NEC | DIL-28/2P | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | D8259-5 | uPD8259C-5 |
| NEC | DIL-28/2C | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | D8259 | uPD8259D |
| NEC | DIL-28/2D | NMOS | 0C/+70C | +5V | 85MXMA | TTL | TTL | D8259-5 | uPD8259D-5 |
| NEC | DIL-40/2P | NMOS | 0C/+70C | +5V | | TTL | TTL | D8279A5 | uPD8279C-5 |
| NEC | DIL-40/2P | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | P8355 | uPD8355C |
| NEC | DIL-40/2P | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | C8741 | uPD8741C |
| NEC | DIL-40/2C | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | C8741 | uPD8741D |
| NEC | DIL-40/2P | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | C8748 | uPD8748C |
| NEC | DIL-40/2C | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | C8748 | uPD8748 |
| NEC | DIL-24/2Q | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL | C8755A | uPD8755AD |
| FAS | DIL-16/1C | TTLB | 0C/+70C | +5V | 280TPMW | TTL | TTL | 8T13DM | 8T13DC |
| FAS | DIL-16/1C | TTLB | -55C/+125C | +5V | 280TPMW | TTL | TTL | | 8T13DM |
| FAS | FLP-16/3C | TTLB | -55C/+125C | +5V | 280TPMW | TTL | TTL | | 8T13FM |
| FAS | DIL-16/1P | TTLB | 0C/+70C | +5V | 280TPMW | TTL | TTL | 8T13DC | 8T13PC |
| FAS | DIL-16/1C | TTLB | 0C/+70C | +5V | 315TPMW | TTL | TTL | 8T14DM | 8T14DC |
| FAS | DIL-16/1C | TTLB | -55C/+125C | +5V | 315TPMW | TTL | TTL | | 8T14DM |
| FAS | DIL-16/1P | TTLB | 0C/+70C | +5V | 315TPMW | TTL | TTL | 8T14DC | 8T14PC |
| FAS | DIL-16/1C | TTLB | 0C/+70C | +5V | 280TPMW | TTL | TTL | 8T23PC | 8T23DC |
| FAS | DIL-16/1P | TTLB | 0C/+70C | +5V | 280TPMW | TTL | TTL | 8T23DC | 8T23PC |
| FAS | DIL-16/1C | TTLB | 0C/+70C | +5V | 315TPMW | TTL | TTL | 8T24PC | 8T24DC |
| FAS | DIL-16/1P | TTLB | 0C/+70C | +5V | 315TPMW | TTL | TTL | 8T24DC | 8T24PC |
| FAS | DIL-16/1C | TTLB | 0C/+70C | +5V | | TTL | TTL/TS | 8T26PC | 8T26DC |
| FAS | DIL-16/1P | TTLB | 0C/+70C | +5V | | TTL | TTL/TS | 8T26DC | 8T26PC |
| FAS | DIL-16/1C | TTLB | 0C/+70C | +5V | | TTL | TTL/TS | 8T28PC | 8T28DC |
| FAS | DIL-16/1P | TTLB | 0C/+70C | +5V | | TTL | TTL/TS | 8T28DC | 8T28PC |
| SIG | DIL-28/2C | TTLB | 0C/+70C | +5V | 200MXMA | TTL | TTL/TS | | 8T58I |
| SIG | DIL-28/2P | TTLB | 0C/+70C | +5V | 200MXMA | TTL | TTL/TS | | 8T58XL |
| PHI | DIL-14/1P | I2LB | 0C/+70C | +1V/+5V | 175MXMW | TTL | TTL | | 8X01A |
| PHI | DIL-14/1C | I2LB | 0C/+70C | +1V/+5V | 175MXMW | TTL | TTL | | 8X01F |
| PHI | DIL-14/1P | I2LB | 0C/+70C | +1V/+5V | 175MXMW | TTL | TTL | | 8X01N |
| PHI | DIL-28/2M | LSTB | 0C/+70C | +5V | | TTL | TTL/TS | | 8X02I |
| PHI | DIL-28/2P | LSTB | 0C/+70C | +5V | | TTL | TTL/TS | | 8X02N |
| PHI | DIL-28/2P | LSTB | 0C/+70C | +5V | | TTL | TTL/TS | | 8X02XL |
| PHI | DIL-16/1P | I2LB | 0C/+70C | +5V | 300MXMA | CMOS | CMOS | | 8X03B |
| PHI | DIL-16/1C | I2LB | 0C/+70C | +5V | 300MXMA | CMOS | CMOS | | 8X03F |
| PHI | DIL-16/1C | I2LB | 0C/+70C | +5V | 300MXMA | TTL | TTL/OC | | 8X04F |
| PHI | DIL-16/1P | I2LB | 0C/+70C | +5V | 300MXMA | TTL | TTL/OC | | 8X04B |
| PHI | DIL-28/2C | I2LB | 0C/+70C | +5V | | | | | 8X06I |
| PHI | DIL-28/2P | I2LB | 0C/+70C | +5V | | | | | 8X06XL |
| PHI | DIL-28/2C | I2LB | 0C/+70C | +5V | | | | | 8X07I |
| PHI | DIL-28/2P | TTLB | 0C/+70C | +5V | | | | | 8X07XL |
| PHI | DIL-50/2C | STLB | 0C/+70C | +5V | | TTL | TTL/TS | | 8X300I |
| PHI | DIL-16/1P | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | P2102A | 21F02B |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | D2102A | 21F02F |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | D2102A | 21F02I |
| PHI | DIL-16/1P | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | P2102A-4 | 21F02-4B |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | D2102A-4 | 21F02-4F |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | | TTL | TTL/TS | D2102A-4 | 21F02-4I |
| PHI | DIL-16/1P | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | SY21L02 | 21L02B |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | SY21L02 | 21L02F |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | D2102AL-2 | 21L02FDC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 40MXMA | TTL | TTL/TS | D2102AL-2 | 21L02FDL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 40MXMA | TTL | TTL/TS | D2102AL-2 | 21L02FDM |
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | P2102AL-2 | 21L02FPC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | D2102AL-2 | 21L02HDC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 40MXMA | TTL | TTL/TS | | 21L02HDL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 158MXMW | TTL | TTL | 21L02HPC | 21L02HDM |
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | P2102AL-2 | 21L02HPC |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | SY21L02 | 21L02I |
| PHI | DIL-16/1P | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | P2102AL-4 | 21L02-1B |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | D2102AL-4 | 21L02-1F |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | D2102AL-4 | 21L02-1I |
| PHI | DIL-16/1P | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | 2102L2PC | 21L02-2B |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 50MXMA | TTL | TTL/TS | 21L022DC | 21L02-2F |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | 2102L2DC | 21L02-2I |
| PHI | DIL-16/1P | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | P2102AL-2 | 21L02-3B |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | D2102AL-2 | 21L02-3F |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 40MXMA | TTL | TTL/TS | D2102AL-2 | 21L02-3I |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | D2102AL-4 | 21L021DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 30MXMA | TTL | TTL/TS | D2102AL-4 | 21L021DL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 30MXMA | TTL | TTL/TS | D2102AL-4 | 21L021DM |
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 30MXMA | TTS | TTL/TS | P2102AL-4 | 21L021PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | 21L02-2F | 21L022DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 40MXMA | TTL | TTL/TS | 2102L2DL | 21L022DL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 40MXMA | TTL | TTL/TS | 2102L2DM | 21L022DM |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| 21L022PC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES/LO PWR STDBY | GEN. PURP. |
| 25L01B | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| 25L01I | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1uS/4X 4Y 1CS ADDRESS LINES/ | GEN. PURP. |
| 29LS18FM | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/LOW POWER 2918 | 2900 |
| 29LS18JC | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/LOW POWER 2918 | 2900 |
| 29LS18JM | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/LOW POWER 2918 | 2900 |
| 29LS18NC | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/LOW POWER 2918 | 2900 |
| 29LS19JC | DREGR | 4-BIT | QUAD D-REG. WITH TWO 3-STATE OUTPUT PORTS/35MHZ CLOCK | 2900 |
| 29LS19JM | DREGR | 4-BIT | QUAD D-REG. WITH TWO 3-STATE OUTPUT PORTS/35MHZ CLOCK | 2900 |
| 29LS19NC | DREGR | 4-BIT | QUAD D-REG. WITH TWO 3-STATE OUTPUT PORTS/35MHZ CLOCK | 2900 |
| 54LS89DM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 54LS89DMQB | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES/MIL STD 883 | GEN. PURP. |
| 54LS89FM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 54LS89FMQB | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES/MIL STD 883 | GEN. PURP. |
| 54LS189DM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 54LS189DMQB | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES/MIL STD 883 | GEN. PURP. |
| 54LS189FM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 54LS189FMQB | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES/MIL STD 883 | GEN. PURP. |
| 54LS273N | DREGR | 8-BIT | OCTAL D-FLIP-FLOP/POS. EDGE-TRIGGERED STORAGE REGISTER | GEN. PURP. |
| 54LS289DM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 54LS289DMQB | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES/MIL STD 883 | GEN. PURP. |
| 54LS289FM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 54LS289FMQB | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES/MIL STD 883 | GEN. PURP. |
| 74LS89DC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 74LS89PC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 74LS273N | DREGR | 8-BIT | OCTAL D-FLIP-FLOP/POS. EDGE-TRIGGERED STORAGE REGISTER | GEN. PURP. |
| 74LS289DC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 74LS289PC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 74S182A | LAHCG | 4-BIT | LOOK AHEAD CARRY GENERATOR | 74S181 |
| 74S182F | LAHCG | 4-BIT | LOOK AHEAD CARRY GENERATOR | 74S181 |
| 74S182W | LAHCG | 4-BIT | LOOK AHEAD CARRY GENERATOR | 74S181 |
| 74S183A | LAHCG | 4-BIT | LOOK AHEAD CARRY GENERATOR | 74S181 |
| 74S183F | LAHCG | 4-BIT | LOOK AHEAD CARRY GENERATOR | 74S181 |
| 74S183W | LAHCG | 4-BIT | LOOK AHEAD CARRY GENERATOR | 74S181 |
| 82S25DC | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 82S25DM | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 82S25FM | SRAM | 1-BIT | 64=64X1/MAX. ACCESS 50NS/4 ADDRESS 1CE LINES | GEN. PURP. |
| 82S25PC | SRAM | 1-BIT | 64=64X1/OC | GEN. PURP. |
| 93L412DC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93L412DM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93L412FC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93L412FM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93L415DC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93L415DM | SRAM | 4-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93L415DMQB | SRAM | 4-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| 93L415FM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93L415PC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93L420DC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93L420DM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93L420FM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93L421DC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 90NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93L421DM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 100NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93L421FM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 90NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93L421PC | SRAM | 1-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93L422DC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93L422DM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93L422FM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93L422PC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93L425DC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93L425DM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93L425DMQB | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93L425FM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93L425PC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 11031K | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 310NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| 1103XA | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 310NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| 1103-1IK | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 180NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| 1103-1XA | DRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 180NS/5X 5Y ADDRESS 1CE LINES/PRECHARGE | GEN. PURP. |
| 1402B | SHFTR | 4-BIT | 1K=256X4/8MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |
| 1402I | SHFTR | 4-BIT | 1K=256X4/7MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |
| 1403V | SHFTR | 2-BIT | 1K=512X2/8MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |
| 1403TA | SHFTR | 2-BIT | 1K=512X2/8MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |
| 1404TA | SHFTR | 1-BIT | 1K=1024X1/8MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | 21L02-2B | 21L022PC |
| SIG | DIL-16/1P | PMOS | 0C/+70C | -12V/+5V | 300MXMW | TTL | TTL/TS | MK4007P | 25L01B |
| SIG | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 300MXMW | TTL | TTL/TS | . | 25L01I |
| MMI | FLP-16/3C | LSTB | -55C/+125C | +5V | 28MXMA | TTL | TTL/TS | AM29LS18FM | 29LS18FM |
| MMI | DIL-16/1C | LSTB | 0C/+75C | +5V | 28MXMA | TTL | TTL/TS | AM29LS18DC | 29LS18JC |
| MMI | DIL-16/1C | LSTB | -55C/+125C | +5V | 28MXMA | TTL | TTL/TS | AM29LS18DM | 29LS18JM |
| MMI | DIL-16/1P | LSTB | 0C/+70C | +5V | 28MXMA | TTL | TTL/TS | AM29LS18PC | 29LS18NC |
| MMI | DIL-16/1C | LSTB | 0C/+70C | +5V | 36MXMA | TTL | TTL/TS+TS | . | 29LS19JC |
| MMI | DIL-16/1C | LSTB | -55C/+125C | +5V | 39MXMA | TTL | TTL/TS+TS | . | 29LS19JC |
| MMI | DIL-16/1P | LSTB | 0C/+70C | +5V | 36MXMA | TTL | TTL/TS+TS | . | 29LS19NC |
| FAS | DIL-16/1C | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL/OC | 54LS89J | 54LS89DM |
| FAS | DIL-16/1C | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL/OC | . | 54LS89DMQB |
| FAS | FLP-16/3C | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL/OC | 54LS89W | 54LS89FM |
| FAS | FLP-16/3C | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL/OC | . | 54LS89FMQB |
| FAS | DIL-16/1C | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL/TS | SN54LS189J | 54LS189DM |
| FAS | DIL-16/1C | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL/TS | . | 54LS189DMQB |
| FAS | FLP-16/3C | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL/TS | . | 54LS189FM |
| FAS | FLP-16/3C | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL/TS | . | 54LS189FMQB |
| SIG | DIL-20/1P | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL | . | 54LS273N |
| FAS | DIL-16/1C | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL/OC | SN54LS289J | 54LS289DM |
| FAS | DIL-16/1C | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL/OC | SN54LS289J | 54LS289DMQB |
| FAS | FLP-16/3C | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL/OC | SN54LS289W | 54LS289FM |
| FAS | FLP-16/3C | LSTB | -55C/+125C | +5V | 25MXMA | TTL | TTL/OC | . | 54LS289FMQB |
| FAS | DIL-16/1C | LSTB | 0C/+70C | +5V | 25MXMA | TTL | TTL/OC | 74LS89J | 74LS89DC |
| FAS | DIL-16/1P | LSTB | 0C/+70C | +5V | 25MXMA | TTL | TTL/OC | 74LS89N | 74LS89PC |
| FAS | DIL-16/1C | LSTB | 0C/+70C | +5V | 25MXMA | TTL | TTL/TS | SN74LS189J | 74LS189DC |
| FAS | DIL-16/1P | LSTB | 0C/+70C | +5V | 25MXMA | TTL | TTL/TS | SN74LS189N | 74LS189PC |
| SIG | DIL-20/1P | LSTB | 0C/+70C | +5V | 25MXMA | TTL | TTL | . | 74LS273N |
| FAS | DIL-16/1C | LSTB | 0C/+70C | +5V | 25MXMA | TTL | TTL/OC | SN74LS289J | 74LS289DC |
| FAS | DIL-16/1P | LSTB | 0C/+70C | +5V | 25MXMA | TTL | TTL/OC | SN74LS289N | 74LS289PC |
| SIG | DIL-16/1P | STLB | 0C/+70C | +5V | 72MXMA | TTL | TTL | . | 74S182A |
| SIG | DIL-16/1C | STLB | 0C/+70C | +5V | 72MXMA | TTL | TTL | . | 74S182F |
| SIG | FLP-16/3C | STLB | 0C/+70C | +5V | 72MXMA | TTL | TTL | . | 74S182W |
| SIG | DIL-16/1P | STLB | 0C/+70C | +5V | 109MXMA | TTL | TTL | . | 74S183A |
| SIG | DIL-16/1C | STLB | 0C/+70C | +5V | 109MXMA | TTL | TTL | . | 74S183F |
| SIG | FLP-16/3C | STLB | 0C/+70C | +5V | 109MXMA | TTL | TTL | . | 74S183W |
| ADM | DIL-16/1C | STLB | 0C/+70C | +5V | 109MXMA | TTL | TTL/OC | 82S25PC | 82S25DC |
| ADM | DIL-16/1C | STLB | -55C/+125C | +5V | 109MXMA | TTL | TTL/OC | . | 82S25DM |
| ADM | FLP-16/3C | STLB | -55C/+125C | +5V | 105MXMA | TTL | TTL/OC | . | 82S25FM |
| ADM | DIL-16/1P | STLB | 0C/+70C | +5V | 109MXMA | TTL | TTL/OC | 82S25DC | 82S25PC |
| FAS | DIL-22/4C | TTLB | 0C/+75C | +5V | 80MXMA | TTL | TTL/OC | . | 93L412DC |
| FAS | DIL-22/4C | TTLB | -55C/+125C | +5V | 90MXMA | TTL | TTL/OC | . | 93L412DM |
| FAS | FLP-24/4C | TTLB | 0C/+70C | +5V | 250TPMW | TTL | TTL/OC | 93L412FM | 93L412PC |
| FAS | FLP-24/4C | TTLB | -55C/+125C | +5V | 90MXMA | TTL | TTL/OC | . | 93L412PC |
| FAS | DIL-16/1C | TTLB | 0C/+75C | +5V | 65MXMA | TTL | TTL/OC | N82LS10N | 93L415DC |
| FAS | DIL-16/1C | TTLB | 0C/+75C | +5V | 75MXMA | TTL | TTL/OC | N82S10F | 93L415DM |
| FAS | DIL-16/1C | TTLB | -55C/+125C | +5V | 200TPMW | TTL | TTL/OC | . | 93L415DMQB |
| FAS | FLP-16/3C | TTLB | -55C/+125C | +5V | 75MXMA | TTL | TTL/OC | . | 93L415FM |
| FAS | DIL-16/1P | TTLB | 0C/+75C | +5V | 65MXMA | TTL | TTL/OC | N82S10N | 93L415PC |
| FAS | DIL-16/1C | TTLB | 0C/+75C | +5V | 70MXMA | TTL | TTL/TS | . | 93L420DC |
| FAS | DIL-16/1C | TTLB | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | . | 93L420DM |
| FAS | FLP-16/3C | TTLB | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | . | 93L420FM |
| FAS | DIL-16/1P | TTLB | 0C/+75C | +5V | 70MXMA | TTL | TTL/TS | . | 93L420PC |
| FAS | DIL-16/1C | TTLB | 0C/+75C | +5V | 70MXMA | TTL | TTL/TS | N82S116F | 93L421DC |
| FAS | DIL-16/1C | TTLB | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | S82S116F | 93L421DM |
| FAS | FLP-16/3C | TTLB | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | . | 93L421FM |
| FAS | DIL-16/1P | TTLB | 0C/+75C | +5V | 70MXMA | TTL | TTL/TS | N82S116N | 93L421PC |
| FAS | DIL-22/4C | TTLB | 0C/+75C | +5V | 80MXMA | TTL | TTL/TS | . | 93L422DC |
| FAS | DIL-22/4C | TTLB | -55C/+125C | +5V | 90MXMA | TTL | TTL/TS | . | 93L422DM |
| FAS | FLP-22/4C | TTLB | -55C/+125C | +5V | 90MXMA | TTL | TTL/TS | . | 93L422FM |
| FAS | DIL-22/4P | TTLB | 0C/+70C | +5V | 250TPMW | TTL | TTL/TS | 93L422DC | 93L422PC |
| FAS | DIL-16/1C | TTLB | 0C/+75C | +5V | 65MXMA | TTL | TTL/TS | N82S111F | 93L425DC |
| FAS | DIL-16/1C | TTLB | -55C/+125C | +5V | 75MXMA | TTL | TTL/TS | S82S111F | 93L425DM |
| FAS | DIL-16/1G | LSTB | -55C/+125C | +5V | 200TPMW | TTL | TTL/TS | . | 93L425DMQB |
| FAS | FLP-16/3C | TTLB | -55C/+125C | +5V | 75MXMA | TTL | TTL/TS | . | 93L425FM |
| FAS | DIL-16/1P | TTLB | 0C/+75C | +5V | 65MXMA | TTL | TTL/TS | N82S111N | 93L425PC |
| PHI | DIL-18/1C | PMOS | 0C/+70C | +16V/+19V | 25MXMA | MOS | SENSE AMP | D1103 | 1103TK |
| PHI | DIL-18/1P | PMOS | 0C/+70C | +16V/+19V | 25MXMA | MOS | SENSE AMP | P1103 | 1103KA |
| PHI | DIL-18/1C | PMOS | 0C/+70C | +19V/+21V | 23MXMA | MOS | SENSE AMP | C1103-1 | 1103-1IK |
| PHI | DIL-18/1P | PMOS | 0C/+70C | +19V/+21V | 23MXMA | MOS | SENSE AMP | P1103-1 | 1103-1XA |
| PHI | DIL-16/1P | PMOS | 0C/+70C | -5V/+5V | 125MXMW | TTL | TTL | . | 1402B |
| PHI | DIL-16/1M | PMOS | 0C/+70C | -5V/+5V | 125MXMW | TTL | TTL | . | 1402I |
| PHI | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | 125MXMW | TTL | TTL | HD3503 | 1403V |
| PHI | T05-8/1M | PMOS | 0C/+70C | -5V/+5V | 125MXMW | TTL | TTL | . | 1403TA |
| PHI | T05-8/1M | PMOS | 0C/+70C | -5V/+5V | 125MXMW | TTL | TTL | . | 1404TA |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| PHI | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | 125MXMW | TTL | TTL | HD3504 | 1404V |
| ROK | QIL-42/1- | NMOS | 0C/+70C | | | TTL | TTL | | 1604-8P |
| PHI | DIL-22/4P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | C2101 | 2101B |
| PHI | DIL-22/4C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | C2101 | 2101F |
| PHI | DIL-22/4P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | P2101 | 2101-N |
| PHI | DIL-22/4P | NMOS | 0C/+70C | +5V | 7/MXMA | TTL | TTL/TS | P2101A-4 | 2101-1B |
| PHI | DIL-22/4C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | B2101A-4 | 2101-1F |
| PHI | DIL-22/4P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | P2101-1 | 2101-1N |
| PHI | DIL-22/4P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | P2101A-4 | 2101-2B |
| PHI | DIL-22/4C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | B2101A-4 | 2101-2F |
| PHI | DIL-22/4P | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | P2101-2 | 2101-2N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | D2102A-2 | 2102A-2F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | D2102A-2 | 2102A-2I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | P2102A-2 | 2102A-2N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 33TPMA | TTL | TTL/TS | D2102A-4 | 2102A-4F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 33TPMA | TTL | TTL/TS | D2102A-4 | 2102A-4I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | 33TPMA | TTL | TTL/TS | P2102A-4 | 2102A-4N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102A-6 | 2102A-6F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102A-6 | 2102A-6I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102A-6 | 2102A-6N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 33TPMA | TTL | TTL/TS | D2102A | 2102AF |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 33TPMA | TTL | TTL/TS | D2102A | 2102AI |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | D2102AL-2 | 2102AL-2F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | D2102AL-2 | 2102AL-2I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | 65MXMA | TTL | TTL/TS | P2102AL-2 | 2102AL-2N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 33TPMA | TTL | TTL/TS | D2102AL-4 | 2102AL-4F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 33TPMA | TTL | TTL/TS | D2102AL-4 | 2102AL-4I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | 33TPMA | TTL | TTL/TS | P2102AL-4 | 2102AL-4N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 33TPMA | TTL | TTL/TS | D2102AL | 2102AL-F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 33TPMA | TTL | TTL/TS | D2102AL | 2102AL-I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | 33TPMA | TTL | TTL/TS | D2102AL | 2102AL-N |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | 33TPMA | TTL | TTL/TS | P2102A | 2102AN |
| PHI | DIL-16/1P | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | P2102 | 2102B |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102AL | 2102DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 70MXMA | TTL | TTL/TS | MC2102A-4 | 2102DL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | MD2102A-4 | 2102DM |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | D2102A | 2102F |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | 2102F | 2102FDC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 70MXMA | TTL | TTL/TS | 2102FDM | 2102FDL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | 2102FDL | 2102FDM |
| FAS | FLP-16/3C | NMOS | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | | 2102FFM |
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102AL | 2102FFC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102AL2 | 2102HDC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 70MXMA | TTL | TTL/TS | D2102A-2 | 2102HDL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | D2102A-2 | 2102HDM |
| FAS | FLP-16/3C | NMOS | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | | 2102HFM |
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | C2102A-2 | 2102HPC |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | D2102A | 2102I |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | D2102AL-4 | 2102L1DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 40MXMA | TTL | TTL/TS | D2102AL-4 | 2102L1DL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 40MXMA | TTL | TTL/TS | D2102AL-4 | 2102L1DM |
| FAS | FLP-16/3C | NMOS | -55C/+125C | +5V | 40MXMA | TTL | TTL/TS | | 2102L1FM |
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | P2102AL-4 | 2102L1PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | 2102-2I | 2102L2DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 40MXMA | TTL | TTL/TS | 21022DL | 2102L2DL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 40MXMA | TTL | TTL/TS | 21022DM | 2102L2DM |
| FAS | FLP-16/3C | NMOS | -55C/+125C | +5V | 40MXMW | TTL | TTL/TS | | 2102L2FM |
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | 2102-2B | 2102L2PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | D2102AL-2 | 2102LFDC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 40MXMA | TTL | TTL/TS | D2102AL-2 | 2102LFDL |
| FAS | FLP-16/3C | NMOS | -55C/+125C | +5V | 40MXMA | TTL | TTL/TS | | 2102LFFM |
| FAS | FLP-16/3C | NMOS | -55C/+125C | +5V | 40MXMA | TTL | TTL/TS | | 2102LFFD |
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | P2102AL-2 | 2102LFC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | D2102AL-2 | 2102LHDC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 40MXMA | TTL | TTL/TS | D2102AL-2 | 2102LHDL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 40MXMA | TTL | TTL/TS | D2102AL-2 | 2102LHDM |
| FAS | FLP-16/3C | NMOS | -55C/+125C | +5V | 40MXMA | TTL | TTL/TS | | 2102LHFM |
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 30MXMA | TTL | TTL/TS | P2102AL-2 | 2102LHPC |
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2102AL4 | 2102PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | 3542ADC | 2102RDC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 70MXMA | TTL | TTL/TS | 3542ADL | 2102RDL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | 3542ADM | 2102RDM |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | 3542DC | 2102SDC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 70MXMA | TTL | TTL/TS | 3542DL | 2102SDL |
| PHI | DIL-16/1P | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | P2102A-4 | 2102-1B |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| 2102-1F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y ADDRESS 1CE LINES | 2650 |
| 2102-1I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y ADDRESS 1CE LINES | 2680 |
| 2102-2B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| 2102-2F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| 2102-2I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| 2111B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| 2111F | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| 2111-1B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| 2111-1F | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| 2111-2B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| 2111-2F | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| 2112B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y ADDRESS 1CE LINES | 2650 |
| 2112F | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 1uS/5X 3Y ADDRESS 1CE LINES | 2650 |
| 2112-1B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y ADDRESS 1CE LINES | GEN. PURP. |
| 2112-1F | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/5X 3Y ADDRESS 1CE LINES | GEN. PURP. |
| 2112-2B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y ADDRESS 1CE LINES | GEN. PURP. |
| 2112-2F | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 650NS/5X 3Y ADDRESS 1CE LINES | GEN. PURP. |
| 2115-F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/93415 PINOUTS | GEN. PURP. |
| 2115-I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 75NS/5X 5Y ADDRESS 1CS LINES/93415 PINOUTS | GEN. PURP. |
| 2115-N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/93415 PINOUTS | GEN. PURP. |
| 2115L-F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/93415 PINOUTS | GEN. PURP. |
| 2115L-I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/93415 PINOUTS | GEN. PURP. |
| 2115L-N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/93415 PINOUTS | GEN. PURP. |
| 2125-F | SRAM | 1-BIT | 1K=1024X4/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/93425 PINOUTS | GEN. PURP. |
| 2125-I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/93425 PINOUTS | GEN. PURP. |
| 2125L-F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/93425 PINOUTS | GEN. PURP. |
| 2125L-I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/93425 PINOUTS | GEN. PURP. |
| 2125L-N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/93425 PINOUTS | GEN. PURP. |
| 2125-N | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 95NS/5X 5Y 1CS ADDRESS LINES/93425 PINOUTS | GEN. PURP. |
| 2147 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 70NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2147-3 | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 55NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2501B | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| 2501I | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 1uS/4X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| 2502B | SHFTR | 4-BIT | 1K=256X4/8MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |
| 2502I | SHFTR | 4-BIT | 1K=256X4/8MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |
| 2503TA | SHFTR | 2-BIT | DUAL 512-BIT/8MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |
| 2503V | SHFTR | 2-BIT | DUAL 512-BIT/8MHZ/DYNAMIC SHIFT REGISTER | GEN. PURP. |
| 2504TA | SHFTR | 1-BIT | SINGLE 1024-BIT DYNAMIC SHIFT REGISTER | GEN. PURP. |
| 2504V | SHFTR | 1-BIT | SINGLE 1024-BIT DYNAMIC SHIFT REGISTER | GEN. PURP. |
| 2505K | SHFTR | 1-BIT | SINGLE 512-BIT DYNAMIC SHIFT REGISTER/2CS LINES/3MHZ TYP. CLOCK | GEN. PURP. |
| 2506T | SHFTR | 2-BIT | DUAL 100-BIT DYNAMIC SHIFT REG./3MHZ MAX. | GEN. PURP. |
| 2506V | SHFTR | 2-BIT | DUAL 100-BIT DYNAMIC SHIFT REG./3MHZ MAX. | GEN. PURP. |
| 2507T | SHFTR | 2-BIT | DUAL 100-BIT DYNAMIC SHIFT REG./3MHZ MAX. | GEN. PURP. |
| 2507V | SHFTR | 2-BIT | DUAL 100-BIT DYNAMIC SHIFT REG./3MHZ MAX. | GEN. PURP. |
| 2509A | SHFTR | 2-BIT | DUAL 50-BIT STATIC SHIFT REGISTER/3MHZ TYP. | GEN. PURP. |
| 2509K | SHFTR | 2-BIT | DUAL 50-BIT STATIC SHIFT REGISTER/3MHZ TYP. | GEN. PURP. |
| 2510A | SHFTR | 2-BIT | DUAL 100-BIT STATIC SHIFT REGISTER/3MHZ TYP. | GEN. PURP. |
| 2510K | SHFTR | 2-BIT | DUAL 100-BIT STATIC SHIFT REGISTER/3MHZ TYP. | GEN. PURP. |
| 2511A | SHFTR | 2-BIT | DUAL 200-BIT STATIC SHIFT REGISTER/3MHZ TYP. | GEN. PURP. |
| 2511K | SHFTR | 2-BIT | DUAL 100-BIT DYNAMIC SHIFT REG./3MHZ MAX. | GEN. PURP. |
| 2512K | SHFTR | 1-BIT | SINGLE 1024-BIT DYNAMIC SHIFT REG./2CS LINES/3MHZ TYP. CLOCK | GEN. PURP. |
| 2513I | CHRGN | . | 2560=64X8X5 STATIC ROM/CHARACTER GENERATOR | GEN. PURP. |
| 2513N | CHRGN | . | 2560=64X8X5 STATIC ROM/CHARACTER GENERATOR | GEN. PURP. |
| 2516I | CHRGN | . | 64X6X8 CHARACTER GENERATOR ROM/6X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| 2516N | CHRGN | . | 64X6X8 CHARACTER GENERATOR ROM/6X 3Y 1CE ADDRESS LINES | GEN. PURP. |
| 2517T | SHFTR | 2-BIT | DUAL 100-BIT DYNAMIC SHIFT REG./3MHZ MAX. | GEN. PURP. |
| 2517V | SHFTR | 2-BIT | DUAL 100-BIT DYNAMIC SHIFT REG./3MHZ MAX. | GEN. PURP. |
| 2518B | SHFTR | 8-BIT | HEX 32-BIT STATIC SHIFT REGISTER/3MHZ TYP. | GEN. PURP. |
| 2518I | SHFTR | 8-BIT | HEX 32-BIT STATIC SHIFT REGISTER/3MHZ TYP. | GEN. PURP. |
| 2519B | SHFTR | 8-BIT | HEX 40-BIT STATIC SHIFT REGISTER/3MHZ TYP. | GEN. PURP. |
| 2519I | SHFTR | 8-BIT | HEX 40-BIT STATIC SHIFT REGISTER/3MHZ TYP. | GEN. PURP. |
| 2521V | SHFTR | 2-BIT | DUAL 128-BIT STATIC SHIFT REGISTER/1.5 MHZ TYP./PUSH-PULL OUTPUT | GEN. PURP. |
| 2522V | SHFTR | 2-BIT | DUAL 132-BIT STATIC SHIFT REGISTER/1.5 MHZ TYP./PUSH-PULL OUTPUT | GEN. PURP. |
| 2524V | SHFTR | 1-BIT | 512-BIT RECIRCULATING DYNAMIC SHIFT REGISTER/5MHZ TYP. | GEN. PURP. |
| 2525V | SHFTR | 1-BIT | 1024-BIT RECIRCULATING DYNAMIC SHIFT REGISTER/5MHZ TYP. | GEN. PURP. |
| 2526I | CHRGN | . | 64X9X4 ROM STATIC CHARACTER GENERATOR | GEN. PURP. |
| 2526N | CHRGN | . | 64X9X4 ROM STATIC CHARACTER GENERATOR | GEN. PURP. |
| 2527V | SHFTR | 2-BIT | DUAL 256-BIT STATIC SHIFT REGISTER/2.5MHZ TYP./PUSH PULL OUTPUT | GEN. PURP. |
| 2528V | SHFTR | 2-BIT | DUAL 250-BIT STATIC SHIFT REGISTER | GEN. PURP. |
| 2529V | SHFTR | 2-BIT | DUAL 240-BIT STATIC SHIFT REGISTER | GEN. PURP. |
| 2530I | MROM | 8-BIT | 4K=512X8/STATIC ROM/MAX ACCESS 700NS/6X 4Y 2CE ADDRESS LINES | GEN. PURP. |
| 2530N | MROM | 8-BIT | 4K=512X8/STATIC ROM/MAX ACCESS 700NS/6X 4Y 2CE ADDRESS LINES | GEN. PURP. |
| 2532B | SHFTR | 4-BIT | QUAD 80-BIT STATIC SHIFT REGISTER/1.5MHZ MIN /PUSH-PULL OUTPUT | GEN. PURP. |
| 2532I | SHFTR | 4-BIT | QUAD 80-BIT STATIC SHIFT REGISTER/1.5MHZ MIN /PUSH PULL OUTPUT | GEN. PURP. |
| 2533V | SHFTR | 1-BIT | SINGLE 1024-BIT STATIC SHIFT REGISTER/1.5MHZ/PUSH-PULL OUTPUT | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | D2102A-4 | 2102-1F |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | D2102A-4 | 2102-1I |
| PHI | DIL-16/1P | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | D2102A-6 | 2102-2B |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | D2102A-6 | 2102-2F |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 200TPMW | TTL | TTL/TS | D2102A-6 | 2102-2I |
| PHI | DIL-18/1P | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL/TS | P2111A | 2111B |
| PHI | DIL-18/1C | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL/TS | P2111A | 2111F |
| PHI | DIL-18/1P | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | P2111A | 2111-1B |
| PHI | DIL-18/1C | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | P2111A | 2111-1F |
| PHI | DIL-18/1P | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | P2111A | 2111-2B |
| PHI | DIL-18/1C | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | D2111A | 2111-2F |
| PHI | DIL-16/1P | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | P2112A-4 | 2112B |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | D1112A-4 | 2112F |
| PHI | DIL-16/1P | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | P2112A-4 | 2112-1B |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | D2112A-4 | 2112-1F |
| PHI | DIL-16/1P | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | P2112A | 2112-2B |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 135MXMA | TTL | TTL | D2112A | 2112-2F |
| SIG | DIL-16/1C | NMOS | 0C/+75C | +5V | 100MXMA | TTL | TTL/OD | D2115 | 2115-F |
| PHI | DIL-16/1C | NMOS | 0C/+70C | +5V | 100MXMA | TTL | TTL/OD | C2115 | 2115-I |
| SIG | DIL-16/1P | NMOS | 0C/+75C | +5V | 100MXMA | TTL | TTL/OD | P2115 | 2115-N |
| SIG | DIL-16/1C | NMOS | 0C/+75C | +5V | 65MXMA | TTL | TTL/OD | D2115 | 2115L-F |
| SIG | DIL-16/1C | NMOS | 0C/+75C | +5V | 65MXMA | TTL | TTL/OD | C2115L | 2115L-I |
| SIG | DIL-16/1P | NMOS | 0C/+75C | +5V | 65MXMA | TTL | TTL/OD | P2115 | 2115L-N |
| SIG | DIL-16/1C | NMOS | 0C/+75C | +5V | 100MXMA | TTL | TTL/TS | D2125 | 2125-F |
| SIG | DIL-16/1C | NMOS | 0C/+75C | +5V | 100MXMA | TTL | TTL/TS | D2125 | 2125-I |
| SIG | DIL-16/1C | NMOS | 0C/+75C | +5V | 65MXMA | TTL | TTL/TS | D2125L | 2125L-F |
| SIG | DIL-16/1C | NMOS | 0C/+75C | +5V | 65MXMA | TTL | TTL/TS | D2125L | 2125L-I |
| SIG | DIL-16/1P | NMOS | 0C/+75C | +5V | 65MXMA | TTL | TTL/TS | P2125L | 2125L-N |
| SIG | DIL-16/1P | NMOS | 0C/+75C | +5V | 100MXMA | TTL | TTL/TS | P2125 | 2125-N |
| INS | DIL-18/1C | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL/TS | D2147 | 2147 |
| INS | DIL-18/1C | NMOS | 0C/+70C | +5V | 180MXMA | TTL | TTL/TS | D2147-3 | 2147-3 |
| SIG | DIL-16/1P | PMOS | 0C/+70C | -9V/+5V | 270MXMW | TTL | TTL/OC | MK4007N | 2501B |
| SIG | DIL-16/1C | PMOS | 0C/+70C | -9V/+5V | 270MXMW | TTL | TTL/OC | MK4007P | 2501I |
| SIG | DIL-16/1P | PMOS | 0C/+70C | -5V/+5V | 125MXMA | TTL | TTL/OD | P1402A | 2502B |
| SIG | DIL-16/1C | PMOS | 0C/+70C | -5V/+5V | 125MXMA | TTL | TTL/OD | C1402A | 2502I |
| SIG | T05-8/1M | PMOS | 0C/+70C | -5V/+5V | 125MXMA | TTL | TTL/OD | . | 2503TA |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | 125MXMA | TTL | TTL/OD | . | 2503V |
| SIG | T05-8/1M | PMOS | 0C/+70C | -5V/+5V | 125MXMA | TTL | TTL/OD | . | 2504TA |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | 125MXMA | TTL | TTL/OD | . | 2504V |
| SIG | T05-10/1M | PMOS | 0C/+70C | -5V/+5V | 125MXMW | TTL | TTL/OD | M1405A | 2505K |
| SIG | T05-8/1M | PMOS | 0C/+70C | -5V/+5V | . | PMOS | PMOS/OD | . | 2506T |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | . | PMOS | PMOS/OD | . | 2506V |
| SIG | T05-8/1M | PMOS | 0C/+70C | -5V/+5V | . | PMOS | (7.5K)PMOS | . | 2507T |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | . | PMOS | (7.5K)PMOS | . | 2507V |
| SIG | DIL-14/1P | PMOS | 0C/+70C | -12V/-5V/+5V | 165MXMW | TTL | TTL/TS | . | 2509A |
| SIG | T05-10/1M | PMOS | 0C/+70C | -12V/-5V/+5V | 165MXMW | TTL | TTL/TS | . | 2509K |
| SIG | DIL-14/1P | PMOS | 0C/70C | -12V/-5V/+5V | 240MXMW | TTL | TTL/TS | . | 2510A |
| SIG | T05-10/1M | PMOS | 0C/+70C | -12V/-5V/+5V | 240MXMW | TTL | TTL/TS | . | 2510K |
| SIG | DIL-14/1P | PMOS | 0C/+70C | -12V/-5V/+5V | 290MXMW | TTL | TTL/TS | . | 2511A |
| SIG | T05-10/1M | PMOS | 0C/+70C | -12V/-5V/+5V | 290MXMW | TTL | TTL/TS | . | 2511K |
| SIG | T05-10/1M | PMOS | 0C/+70C | -5V/+5V | 175MXMW | TTL | TTL/OD | . | 2512K |
| SIG | DIL-24/2C | PMOS | 0C/+70C | -12V/-5V/+5V | 235MXMW | TTL | TTL/TS | . | 2513I |
| SIG | DIL-24/2P | PMOS | 0C/+70C | -12V/-5V/+5V | 235MXMW | TTL | TTL/TS | . | 2513N |
| SIG | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 250MXMW | TTL | TTL/TS | . | 2516I |
| SIG | DIL-16/2P | PMOS | 0C/+70C | -12V/+5V | 250MXMW | TTL | TTL/TS | . | 2516N |
| SIG | T05-8/1M | PMOS | 0C/+70C | -5V/+5V | . | PMOS | (20K)PMOS | . | 2517T |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | . | PMOS | (20K)PMOS | . | 2517V |
| SIG | DIL-16/1P | PMOS | 0C/+70C | -12V/+5V | 300MXMW | TTL | TTL/OD | . | 2518B |
| SIG | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 300MXMW | TTL | TTL/OD | . | 2518I |
| SIG | DIL-16/1P | PMOS | 0C/+70C | -12V/+5V | 300MXMW | TTL | TTL/OD | . | 2519B |
| SIG | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 300MXMW | TTL | TTL/OD | . | 2519I |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -12V/+5V | 385MXMW | TTL | TTL | . | 2521V |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -12V/+5V | 385MXMW | TTL | TTL | . | 2522V |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | 175MXMW | TTL | TTL/OD | . | 2524V |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -5V/+5V | 175MXMW | TTL | TTL/OD | . | 2525V |
| SIG | DIL-22/2C | PMOS | 0C/+70C | -12V/+5V | 765MXMW | TTL | TTL/TS | . | 2526I |
| SIG | DIL-22/2P | PMOS | 0C/+70C | -12V/+5V | 765MXMW | TTL | TTL/TS | . | 2526N |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -12V/+5V | 420MXMW | TTL | TTL | . | 2527V |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -12V/+5V | . | TTL | TTL | . | 2528V |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -12V/+5V | . | TTL | TTL | . | 2529V |
| SIG | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 765MXMW | TTL | TTL/TS | . | 2530I |
| SIG | DIL-24/2P | PMOS | 0C/+70C | -12V/+5V | 765MXMW | TTL | TTL/TS | . | 2530N |
| SIG | DIL-16/1P | PMOS | 0C/+70C | -12V/+5V | 220MXMW | TTL | TTL | MK1007 | 2532B |
| SIG | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 220MXMW | TTL | TTL | MK1007 | 2532I |
| SIG | DIL-8/1P | PMOS | 0C/+70C | -12V/+5V | 240MXMW | TTL | TTL | . | 2533V |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| 2580I | MROM | 4-BIT | 8K=2048X4/MAX. ACCESS 950NS/6X 5Y 4CS ADDRESS LINES | GEN. PURP. |
| 2580N | MROM | 4-BIT | 8K=2048X4/MAX. ACCESS 950NS/6X 6Y 4CS ADDRESS LINES | GEN. PURP. |
| 2600-F | MROM | 4/8BIT | 16K=2048X8/MAX. ACCESS 550NS/11 ADDRESS 2 QUAD-O-P ENABLE LINES | GEN. PURP. |
| 2600-I | MROM | 4/8BIT | 16K=2048X8/MAX. ACCESS 550NS/11 ADDRESS 2 QUAD-O-P ENABLE LINES | GEN. PURP. |
| 2600-N | MROM | 4/8BIT | 16K=2048X8/MAX. ACCESS 550NS/11 ADDRESS 2 QUAD-O-P ENABLE LINES | GEN. PURP. |
| 2600-1F | MROM | 4/8BIT | 16K=2048X8/MAX. ACCESS 300NS/11 ADDRESS 2 QUAD-O-P ENABLE LINES | GEN. PURP. |
| 2600-1I | MROM | 4/8BIT | 16K=2048X8/MAX. ACCESS 300NS/11 ADDRESS 2 QUAD-O-P ENABLE LINES | GEN. PURP. |
| 2600-1N | MROM | 4/8BIT | 16K=2048X8/MAX. ACCESS 300NS/11 ADDRESS 2 QUAD-O-P ENABLE LINES | GEN. PURP. |
| 2602B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| 2602F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| 2602I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| 2602-1B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| 2602-1F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| 2602-1I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 500NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| 2602-2B | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| 2602-2F | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| 2602-2I | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CE ADDRESS LINES | GEN. PURP. |
| 2604I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2604N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2606B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 750NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| 2606I | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 750NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| 2606-1B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| 2606-1F | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| 2606-1I | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 500NS/8 ADDRESS 1CE LINES | GEN. PURP. |
| 2607B | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| 2607I | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| 2608I | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 550NS/6X 4Y 4CS LINES | GEN. PURP. |
| 2609B | CHRGN | 7X9BIT | 128X7X9 STATIC CHARACTER GENR./MAX. ACC. 500NS/7 ADDR. 4CE LINES | GEN. PURP. |
| 2609I | CHRGN | 7X9BIT | 128X7X9 STATIC CHARACTER GENR./MAX. ACC. 500NS/7 ADDR. 4CE LINES | GEN. PURP. |
| 2612B | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS | GEN. PURP. |
| 2612F | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 400NS | GEN. PURP. |
| 2613F | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/10 ADDRESS 1CS LINES | GEN. PURP. |
| 2613I | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/10 ADDRESS 1CS LINES | GEN. PURP. |
| 2613N | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/10 ADDRESS 1CS LINES | GEN. PURP. |
| 2614F | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/10 ADDRESS 1CS LINES | GEN. PURP. |
| 2614I | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/10 ADDRESS 1CS LINES | GEN. PURP. |
| 2614N | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/10 ADDRESS 1CS LINES | GEN. PURP. |
| 2616F | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| 2616I | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| 2616N | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| 2616-1F | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| 2616-1I | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| 2616-1N | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| 2617F | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 2CS LINES | GEN. PURP. |
| 2617I | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 2CS LINES | GEN. PURP. |
| 2617N | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/11 ADDRESS 2CS LINES | GEN. PURP. |
| 2617-1F | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 2CS LINES | GEN. PURP. |
| 2617-1I | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 2CS LINES | GEN. PURP. |
| 2617-1N | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 350NS/11 ADDRESS 2CS LINES | GEN. PURP. |
| 2623F | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS | GEN. PURP. |
| 2623I | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS | GEN. PURP. |
| 2623N | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS | GEN. PURP. |
| 2624F | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS | GEN. PURP. |
| 2624I | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS | GEN. PURP. |
| 2624N | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS | GEN. PURP. |
| 2627F | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 MUX. ADDR. 1CS LINES | GEN. PURP. |
| 2627I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6 MUX. ADDR. 1CS LINES | GEN. PURP. |
| 2627-1F | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 MUX. ADDR. 1CS LINES | GEN. PURP. |
| 2627-1I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 MUX. ADDR. 1CS LINES | GEN. PURP. |
| 2627-2F | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. ADDR. 1CS LINES | GEN. PURP. |
| 2627-2I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. ADDR. 1CS LINES | GEN. PURP. |
| 2632I | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 500NS/12 ADDRESS 2CS LINES | 2650 |
| 2632N | MROM | 8-BIT | 32K=4096X8/MAX. ACCESS 500NS/12 ADDRESS 2CS LINES | 2650 |
| 2633 | MROM | 8-BIT | 32K=4096X8 | 2650 |
| 2650A-1I | CPU | 8-BIT | 1-CHIP PROCESSOR/HIGH SPEED 2650AI/2MHZ CLOCK | 2650 |
| 2650AI | CPU | 8-BIT | 1-CHIP PROCESSOR/IMPROVED 2650AI/1.25MHZ CLOCK | 2650 |
| 2650I | CPU | 8-BIT | 1-CHIP PROCESSOR/32K ADDR. RANGE/75 INSTNS./1.25MHZ CLOCK | 2650 |
| 2651I | PCI | 8-BIT | PROGRAMMABLE COMMUNICATIONS INTERFACE FOR 2650 FAM. | 2650 |
| 2652I | COMMS | 8/16BT | MULTI-PROTOCOL COMMS IFACE FOR 2650I | 2650 |
| 2655I | PIO | 8-BIT | PROGRAMMABLE PERIPHERAL INTERFACE FOR 2650I CPU | 2650 |
| 2656I | MEMCT | 8-BIT | SYSTEM MEMORY INTERFACE FOR 2650 CPU/2KX8 MROM/128X8 RAM | 2650 |
| 2660F | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-1F | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| SIG | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 600MXMW | TTL | TTL/TS | . | 2580I |
| SIG | DIL-24/2P | PMOS | 0C/+70C | -12V/+5V | 600MXMW | TTL | TTL/TS | . | 2580N |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | EA4600DC | 2600-F |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | EA4600DC | 2600-I |
| SIG | DIL-24/2P | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | EA4600PC | 2600-N |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | EA4600DC | 2600-1F |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | EA4600DC | 2600-1I |
| SIG | DIL-24/2P | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | EA4600PC | 2600-1N |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | . | 2602B |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | . | 2602F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | . | 2602I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | . | 2602-1B |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | . | 2602-1F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | . | 2602-1I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | . | 2602-2B |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | . | 2602-2F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | 60MXMA | TTL | TTL/TS | . | 2602-2I |
| SIG | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | . | TTL | TTL/TS | . | 2604I |
| SIG | DIL-22/2P | NMOS | 0C/+70C | -5V/+5V/+12V | . | TTL | TTL/TS | . | 2604N |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2606B |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2606I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2606-1B |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2606-1F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2606-1I |
| SIG | DIL-24/2P | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | P2308A | 2607B |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | P2308A | 2607I |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 130MXMA | TTL | TTL/TS | MCM6830L | 2608I |
| SIG | DIL-24/2P | NMOS | 0C/+70C | +5V | 800MXMW | TTL | TTL | MCM6570L | 2609B |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 800MXMW | TTL | TTL | MCM6570L | 2609I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | 2612B |
| SIG | DIL-16/1C | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | 2612F |
| SIG | DIL-18/1C | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | C2114 | 2613F |
| SIG | DIL-18/1C | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | 2613I |
| SIG | DIL-18/1P | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | 2613N |
| SIG | DIL-18/1C | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | 2614F |
| SIG | DIL-18/1C | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | 2614I |
| SIG | DIL-18/1P | NMOS | 0C/+70C | +5V | . | TTL | TTL/TS | . | 2614N |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | D2316E | 2616F |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | D2316E | 2616I |
| SIG | DIL-24/2P | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | D2316E | 2616N |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | D2316E | 2616-1F |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | D2316E | 2616-1I |
| SIG | DIL-24/2P | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | D2316E | 2616-1N |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | AM9216BDC | 2617F |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | AM9216BDC | 2617I |
| SIG | DIL-24/2P | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | AM9216BDC | 2617N |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | AM9216BDC | 2617-1F |
| SIG | DIL-24/2C | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | AM9216BDC | 2617-1I |
| SIG | DIL-24/2P | NMOS | 0C/+70C | +5V | 115MXMA | TTL | TTL/TS | AM9216BDC | 2617-1N |
| SIG | DIL-18/1C | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2623F |
| SIG | DIL-18/1C | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2623I |
| SIG | DIL-18/1P | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2623N |
| SIG | DIL-18/1C | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2624F |
| SIG | DIL-18/1C | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2624I |
| SIG | DIL-18/1P | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2624N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | . | TTL | TTL/TS | MK4027P-1 | 2627F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | . | TTL | TTL/TS | MK4027P-1 | 2627I |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | . | TTL | TTL/TS | MK4027P-1 | 2627-1F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | . | TTL | TTL/TS | MK4027P-1 | 2627-1I |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | . | TTL | TTL/TS | MK4027P-1 | 2627-2F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | . | TTL | TTL/TS | MK4027P-1 | 2627-2I |
| SIG | DIL-24/2P | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2632I |
| PHI | DIL-24/2P | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2632N |
| PHI | DIL-24/2 | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2633 |
| SIG | DIL-40/2C | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | INS2650A-1 | 2650A-1I |
| SIG | DIL-40/2C | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | INS2650A | 2650AI |
| SIG | DIL-40/2C | NMOS | 0C/+70C | +5V | 525MXMW | TTL | TTL/TS | INS2650I | 2650OI |
| SIG | DIL-28/2C | NMOS | 0C/+70C | +5V | 90TPMA | TTL | TTL | INS2651 | 2651I |
| SIG | DIL-40/2C | NMOS | 0C/+70C | +5V | 150MXMA | TTL | TTL/TS | INS2652 | 2652I |
| SIG | DIL-40/2C | NMOS | 0C/+70C | +5V | . | TTL | TTL | . | 2655I |
| SIG | DIL-40/2C | NMOS | 0C/+70C | +5V | . | TTL | TTL | INS2656 | 2656I |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | TTL | TTL/TS | MK4096P-6 | 2660F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | TTL | TTL/TS | MK4096P-6 | 2660I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | TTL | TTL/TS | MK4096P-6 | 2660N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | TTL | TTL/TS | MK4096P-86 | 2660-1F |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| 2660-1I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-1N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-2F | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-2I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-2N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-3F | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-3I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-3N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-4F | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-4I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-4N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-5F | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-5I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2660-5N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 MUX. ADDRESS 1CS LINES | GEN. PURP. |
| 2680F | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2680I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2680N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2680-1F | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 270NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2680-1I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 270NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2680-1N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 270NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2680-2F | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2680-2I | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2680-2N | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 2690F | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/7 ADDRESS LINES | GEN. PURP. |
| 2690I | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 300NS/7 ADDRESS LINES | GEN. PURP. |
| 2690-2F | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 ADDRESS LINES | GEN. PURP. |
| 2690-2I | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 200NS/7 ADDRESS LINES | GEN. PURP. |
| 2690-3F | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 ADDRESS LINES | GEN. PURP. |
| 2690-3I | DRAM | 1-BIT | 16K=16384X1/MAX. ACCESS 250NS/7 ADDRESS LINES | GEN. PURP. |
| 2704I | EPROM | 8-BIT | 4K=512X8/STATIC/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| 2708 | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| 2708I | EPROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES | GEN. PURP. |
| 2901AFM | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/12MHZ CLOCK/2900 FAM. | 2900 |
| 2901AJC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/15MHZ CLOCK/2900 FAM. | 2900 |
| 2901AJM | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/15MHZ CLOCK/2900 FAM. | 2900 |
| 2901ANC | CPEBS | 4-BIT | 4-BIT MICROPROCESSOR SLICE/15MHZ CLOCK/2900 FAM. | 2900 |
| 2905FM | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| 2905JC | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| 2905JM | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| 2905NC | UART | 4-BIT | QUAD 2-INPUT BUS TRANSCEIVER/4 D-TYPE FLIP-FLOPS + 4 BUS DRIVERS | 2900 |
| 2906JC | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| 2906JM | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| 2906NC | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| 2906FM | UART | 4-BIT | QUAD 2-INPUT OC BUS TRANSCEIVER WITH PARITY | 2900 |
| 2907FM | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| 2907JC | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| 2907JM | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| 2907NC | UART | 4-BIT | QUAD BUS TRANSCEIVER WITH 3-STATE RECEIVER AND PARITY | 2900 |
| 2909FM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| 2909JC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| 2909JM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| 2909NC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| 2911JC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| 2911JM | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| 2911NC | SQNCR | 4-BIT | MICROPROGRAM SEQUENCER FOR 4-BIT-SLICE 2901 | 2900 |
| 2915FM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| 2915JC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| 2915JM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| 2915NC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH INTERFACE LOGIC | 2900 |
| 2916FM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| 2916JC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| 2916JM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| 2916NC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| 2917FM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| 2917JC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| 2917JM | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| 2917NC | UART | 4-BIT | QUAD 3-STATE BUS TRANSCEIVER WITH IFACE LOGIC/INTERN. PAR. CHCKR | 2900 |
| 2918FM | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| 2918JC | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| 2918JM | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| 2918NC | DREGR | 4-BIT | QUAD D-REGISTER/STD AND 3-STATE OUTPUTS/75MHZ CLOCK | 2900 |
| 3257DC | CHRGN | 5X7BIT | 64X5X7 CHARACTER GENERATOR MROM/MAX. ACCESS 1uS | GEN. PURP. |
| 3257PC | CHRGN | 5X7BIT | 64X5X7 CHARACTER GENERATOR MROM/MAX. ACCESS 1uS | GEN. PURP. |
| 3258DC | CHRGN | 7X5BIT | 64X7X5 CHAR. GENERATOR MROM/MAX. ACCESS 800NS | GEN. PURP. |
| 3258PC | CHRGN | 7X5BIT | 64X7X5 CHAR. GENERATOR MROM/MAX. ACCESS 800NS | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-86 | 2660-1I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-86 | 2660-1N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-15 | 2660-2F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-15 | 2660-2I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-15 | 2660-2N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-6 | 2660-3F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-6 | 2660-3I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-6 | 2660-3N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-16 | 2660-4F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-16 | 2660-4I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-16 | 2660-4N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-85 | 2660-5F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-85 | 2660-5I |
| SIG | DIL-16/1P | NMOS | 0C/+70C | -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-85 | 2660-5N |
| SIG | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | D2107C-1 | 2680F |
| SIG | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | D2107C-1 | 2680I |
| SIG | DIL-22/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | P2107C-1 | 2680N |
| SIG | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | D2107C | 2680-1F |
| SIG | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | D2107C | 2680-1I |
| SIG | DIL-22/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | P2107C | 2680-1N |
| SIG | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | D2107C-4 | 2680-2F |
| SIG | DIL-22/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | D2107C-4 | 2680-2I |
| SIG | DIL-22/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 54MXMA | . TTL | TTL/TS | P2107C-4 | 2680-2N |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 70MXMA | . TTL | TTL/TS | C2116 | 2690F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 70MXMA | . TTL | TTL/TS | C2116 | 2690I |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 70MXMA | . TTL | TTL/TS | C2116-2 | 2690-2F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 70MXMA | . TTL | TTL/TS | C2116-2 | 2690-2I |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 70MXMA | . TTL | TTL/TS | C2116-3 | 2690-3F |
| SIG | DIL-16/1C | NMOS | 0C/+70C | -5V/+5V/+12V | 70MXMA | . TTL | TTL/TS | C2116-3 | 2690-3I |
| SIG | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 750MXMW | . TTL | TTL/TS | C2704 | 2704I |
| ADM | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | B2708 | 2708 |
| SIG | DIL-24/2Q | NMOS | 0C/+70C | -5V/+5V/+12V | 800MXMW | . TTL | TTL/TS | C2708 | 2708I |
| MMI | FLP-40/5C | LSTB | -55C/+125C | . . +5V | 280MXMA | . TTL | TTL/TS | AM2901AFM | 2901AFM |
| ADM | DIL-40/2C | LSTB | 0C/+70C | . . +5V | 265MXMA | . TTL | TTL/TS | AM2901ADC | 2901AJC |
| ADM | DIL-40/2C | LSTB | -55C/+125C | . . +5V | 280MXMA | . TTL | TTL/TS | AM2901ADM | 2901AJM |
| ADM | DIL-40/2P | LSTB | 0C/+70C | . . +5V | 265MXMA | . TTL | TTL/TS | AM2901APC | 2901ANC |
| MMI | FLP-24/4C | LSTB | -55C/+125C | . . +5V | 105MXMA | . TTL | TTL/TS | AM2905FM | 2905FM |
| MMI | DIL-24/2C | LSTB | 0C/+85C | . . +5V | 105MXMA | . TTL | TTL/TS | AM2905DC | 2905JC |
| MMI | DIL-24/2C | LSTB | -55C/+125C | . . +5V | 105MXMA | . TTL | TTL/TS | AM2905DM | 2905JM |
| MMI | DIL-24/2P | LSTB | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/TS | AM2905PC | 2905NC |
| MMI | DIL-24/2C | LSTB | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/OC | AM2906DC | 2906JC |
| MMI | DIL-24/2C | LSTB | -55C/+125C | . . +5V | TTL/OC | . TTL | TTL/OC | AM2906DM | 2906JM |
| MMI | DIL-24/2P | LSTB | 0C/+70C | . . +5V | 105MXMA | . TTL | TTL/OC | AM2906PC | 2906NC |
| MMI | FLP-24/4C | LSTB | -55C/+125C | . . +5V | 105MXMA | . TTL | TTL/OC | AM2906FM | 2906FM |
| MMI | FLP-20/4C | LSTB | -55C/+125C | . . +5V | 110MXMA | . TTL | TTL/OC+TS | AM2907FM | 2907FM |
| MMI | DIL-20/1C | LSTB | 0C/+70C | . . +5V | 110MXMA | . TTL | TTL/OC+TS | AM2907DC | 2907JC |
| MMI | D - 20/1C | LSTB | -55C/+125C | . . +5V | 110MXMA | . TTL | TTL/OC+TS | AM2907DM | 2907NC |
| MMI | DIL-20/1P | LSTB | 0C/+70C | . . +5V | 110MXMA | . TTL | TTL/OC+TS | AM2907PC | 2907JM |
| MMI | FLP-28/4C | TTLB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | AM2909FM | 2909FM |
| MMI | DIL-28/2C | TTLB | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | AM2909DC | 2909JC |
| MMI | DIL-28/2C | TTLB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | AM2909DM | 2909JM |
| MMI | DIL-28/2P | TTLB | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | AM2909PC | 2909NC |
| MMI | DIL-20/1C | TTLB | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | AM2911DC | 2911JC |
| MMI | DIL-20/1C | TTLB | -55C/+125C | . . +5V | 130MXMA | . TTL | TTL/TS | AM2911DM | 2911JM |
| MMI | DIL-20/1P | TTLB | 0C/+70C | . . +5V | 130MXMA | . TTL | TTL/TS | AM2911PC | 2911NC |
| MMI | FLP-24/3C | LSTB | -55C/+125C | . . +5V | 90MXMA | . TTL | . TTL | AM2915FM | 2915FM |
| MMI | DIL-24/1C | LSTB | 0C/+70C | . . +5V | 90MXMA | . TTL | . TTL | AM2915DC | 2915JC |
| MMI | DIL-24/1C | LSTB | -55C/+125C | . . +5V | 90MXMA | . TTL | . TTL | AM2915DM | 2915JM |
| MMI | DIL-24/2P | LSTB | 0C/+70C | . . +5V | 90MXMA | . TTL | . TTL | AM2915PC | 2915NC |
| MMI | FLP-24/3C | LSTB | -55C/+125C | . . +5V | 110MXMA | . TTL | . TTL | AM2916FM | 2916FM |
| MMI | DIL-24/2C | LSTB | 0C/+70C | . . +5V | 110MXMA | . TTL | . TTL | AM2916DC | 2916JC |
| MMI | DIL-24/2C | LSTB | -55C/+125C | . . +5V | 110MXMA | . TTL | . TTL | AM2916DM | 2916JM |
| MMI | DIL-24/2P | LSTB | 0C/+70C | . . +5V | 110MXMA | . TTL | . TTL | AM2916PC | 2916NC |
| MMI | FLP-20/3C | LSTB | -55C/+125C | . . +5V | 95MXMA | . TTL | . TTL | AM2917FM | 2917FM |
| MMI | DIL-20/2C | LSTB | 0C/+70C | . . +5V | 95MXMA | . TTL | . TTL | AM2917DC | 2917JC |
| MMI | DIL-20/2C | LSTB | -55C/+125C | . . +5V | 95MXMA | . TTL | . TTL | AM2917DM | 2917JM |
| MMI | DIL-20/1P | LSTB | 0C/+70C | . . +5V | 95MXMA | . TTL | . TTL | AM2917PC | 2917NC |
| MMI | FLP-16/3C | STLB | -55C/+125C | . . +5V | 120MXMA | . TTL | TTL/TS | AM2918FM | 2918FM |
| MMI | DIL-16/1C | STLB | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL/TS | AM2918DC | 2918JC |
| MMI | DIL-16/1C | STLB | -55C/+125C | . . +5V | 120MXMA | . TTL | TTL/TS | AM2918DM | 2918JM |
| MMI | DIL-16/1P | STLB | 0C/+70C | . . +5V | 120MXMA | . TTL | TTL/TS | AM2918PC | 2918NC |
| FAS | DIL-24/2C | PMOS | 0C/+75C | . . -12V/+5V | 715MXMW | . TTL | . TTL | . . . | 3257DC |
| FAS | DIL-24/2P | PMOS | 0C/+75C | . . -12V/+5V | 715MXMW | . TTL | . TTL | . . . | 3257PC |
| FAS | DIL-16/1C | . . . | 0C/+70C | . . -12V/+5V | 500MXMW | . TTL | . TTL | . . . | 3258DC |
| FAS | DIL-16/1P | PMOS | 0C/+70C | . . -12V/+5V | 500MXMW | . TTL | . TTL | . . . | 3258PC |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| 3260DC | CHRGN | 9X7BIT | 64X9X7 CHAR. GENERATOR MROM/MAX. ACCESS 1uS | GEN. PURP. |
| 3260PC | CHRGN | 9X7BIT | 64X9X7 CHAR. GENERATOR MROM/MAX. ACCESS 1uS | GEN. PURP. |
| 3341ADC | FIFO | 4-BIT | 256=64X4/0-1MHZ /FIRST IN FIRST OUT MEMORY/1MHZ | GEN. PURP. |
| 3341ADL | FIFO | 4-BIT | 256=64X4/0-1MHZ /FIRST IN FIRST OUT MEMORY/1MHZ | GEN. PURP. |
| 3341APC | FIFO | 4-BIT | 256=64X4/0-1MHZ /FIRST IN FIRST OUT MEMORY/1MHZ | GEN. PURP. |
| 3341DC | FIFO | 4-BIT | 256=64X4/0-700KHZ /FIRST IN FIRST OUT MEMORY/700KHZ | GEN. PURP. |
| 3341DL | FIFO | 4-BIT | 256=64X4/0-700KHZ /FIRST IN FIRST OUT MEMORY/700KHZ | GEN. PURP. |
| 3341DM | FIFO | 4-BIT | 256=64X4/0-700KHZ /FIRST IN FIRST OUT MEMORY/700KHZ | GEN. PURP. |
| 3341PC | FIFO | 4-BIT | 256=64X4/0-700KZ /FIRST IN FIRST OUT MEMORY/700KHZ | GEN. PURP. |
| 3342DC | SHFTR | 4-BIT | 256=64X4/STATIC SHIFT REGISTER/0-1.5MHZ | GEN. PURP. |
| 3342PC | SHFTR | 4-BIT | 256=64X4/STATIC SHIFT REGISTER/0-1.5MHZ | GEN. PURP. |
| 3347DC | SHFTR | 4-BIT | 256=64X4/STATIC SHIFT REGISTER/0-1.5MHZ | GEN. PURP. |
| 3347PC | SHFTR | 4-BIT | 256=64X4/STATIC SHIFT REGISTER/0-1.5MHZ | GEN. PURP. |
| 3348DC | SHFTR | 6-BIT | 192=32X6/STATIC SHIFT REGISTER/0.1-1.0MHZ | GEN. PURP. |
| 3349DC | SHFTR | 6-BIT | 192=32X6/STATIC SHIFT REGISTER/0.1-1.0MHZ | GEN. PURP. |
| 3349PC | SHFTR | 6-BIT | 192=32X6/STATIC SHIFT REGISTER/0.1-1.0MHZ | GEN. PURP. |
| 3357-1DC | SHFTR | 4-BIT | 320=80X4/STATIC SHIFT REGISTER/0-4MHZ | GEN. PURP. |
| 3357-2DC | SHFTR | 4-BIT | 320=80X4/STATIC SHIFT REGISTER/0-2MHZ | GEN. PURP. |
| 3508DC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS | GEN. PURP. |
| 3508PC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 450NS | GEN. PURP. |
| 3515-1DC | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 600NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| 3515-2DC | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 700NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| 3516DC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| 3516EDC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/REARRANGED-LEADS VERSION OF 3516DC | GEN. PURP. |
| 3516EPC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 450NS/REARRANGED-LEADS VERSION OF 3516PC | GEN. PURP. |
| 3516PC | MROM | 8-BIT | 16K=2048X8/MAX. ACCESS 850NS/11 ADDRESS 3CS LINES | GEN. PURP. |
| 3539DC | SRAM | 8-BIT | 2K=256X8/MAX. ACCESS 650NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| 3542ADC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 200NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 3542ADL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 200NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 3542ADM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 200NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 3542DC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 3542DL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 3542PC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 1uS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 3544DC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 250NS | GEN. PURP. |
| 3708DC | MUX | 8-BIT | 8-CHANNEL MULTIPLEX SWITCH/450 MAX. OHMS ON-RESISTANCE | GEN. PURP. |
| 3708DL | MUX | 8-BIT | 8-CHANNEL MULTIPLEX SWITCH/450 MAX. OHMS ON-RESISTANCE | GEN. PURP. |
| 3708DM | MUX | 8-BIT | 8-CHANNEL MULTIPLEX SWITCH/450 MAX. OHMS ON-RESISTANCE | GEN. PURP. |
| 3708FC | MUX | 8-BIT | 8-CHANNEL MULTIPLEX SWITCH/450 MAX. OHMS ON-RESISTANCE | GEN. PURP. |
| 3708FM | MUX | 8-BIT | 8-CHANNEL MULTIPLEX SWITCH/450 MAX. OHMS ON-RESISTANCE | GEN. PURP. |
| 3708PC | MUX | 8-BIT | 8-CHANNEL MULTIPLEX SWITCH/450 MAX. OHMS ON-RESISTANCE | GEN. PURP. |
| 4104ACC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/5X 5Y 1CS ADDRESS LINES/NON-INV O-P. | GEN. PURP. |
| 4104ACP | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 200NS/5X 5Y 1CS ADDRESS LINES/NON-INV O-P. | GEN. PURP. |
| 4104BCP | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES/NON-INV O-P. | GEN. PURP. |
| 4104BCC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 150NS/5X 5Y 1CS ADDRESS LINES/NON-INV O-P. | GEN. PURP. |
| 4200ACC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 4200ACP | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 4200BCC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 4200BCP | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 4702BDC | CTC | . | PROGRAMMABLE BIT RATE GENERATOR/7.5MHZ MAX. CLOCK/14 BIT RATES | 4705 |
| 4702BDM | CTC | . | PROGRAMMABLE BIT RATE GENERATOR/7.5MHZ MAX. | 4705 |
| 4702BDMQB | CTC | . | PROGRAMMABLE BIT RATE GENERATOR/MIL STD 883 VERSION OF 4702BDM | 4705 |
| 4702BFC | CTC | . | PROGRAMMABLE BIT RATE GENERATOR/7.5MHZ MAX. CLOCK/14 BIT RATES | 4705 |
| 4702BFM | CTC | . | PROGRAMMABLE BIT RATE GENERATOR/7.5MHZ MAX. CLOCK/14 BIT RATES | 4705 |
| 4702BFMQB | CTC | . | PROGRAMMABLE BIT RATE GENERATOR/MIL STD 883 VERSION OF 4702BFM | 4705 |
| 4702BPC | CTC | . | PROGRAMMABLE BIT RATE GENERATOR/7.5MHZ MAX. CLOCK/14 BIT RATES | 4705 |
| 4703BDC | FIFO | 4-BIT | 64=16X4-BIT SERIAL-PARALLEL FIFO BUFFER MEMORY/5.3MHZ MAX. CLOCK | 4705 |
| 4703BDM | FIFO | 4-BIT | 64=16X4-BIT SERIAL-PARALLEL FIFO BUFFER MEMORY/5.3MHZ MAX. CLOCK | 4705 |
| 4703BDMQB | FIFO | 4-BIT | 64=16X4-BIT SERIAL-PARALLEL FIFO BUFFER/MIL STD 883 4703BDM | 4705 |
| 4703BFC | FIFO | 4-BIT | 64=16X4-BIT SERIAL-PARALLEL FIFO BUFFER MEMORY/5.3MHZ MAX. CLOCK | 4705 |
| 4703BFM | FIFO | 4-BIT | 64=16X4-BIT SERIAL-PARALLEL FIFO BUFFER MEMORY/5.3MHZ MAX. CLOCK | 4705 |
| 4703BFMQB | FIFO | 4-BIT | 64=16X4-BIT SERIAL-PARALLEL FIFO BUFFER MEM./MIL STD 4703BFM | 4705 |
| 4703BPC | FIFO | 4-BIT | 64=16X4-BIT SERIAL-PARALLEL FIFO BUFFER MEMORY/5.3MHZ MAX. CLOCK | 4705 |
| 4704BDC | SPECL | 4-BIT | DATA PATH SWITCH FOR CLOSING LOOPS ROUND ARITHMETIC-LOGIC UNITS | 4705 |
| 4704BDM | SPECL | 4-BIT | DATA PATH SWITCH FOR CLOSING LOOPS ROUND ARITHMETIC-LOGIC UNITS | 4705 |
| 4704BDMQB | SPECL | 4-BIT | DATA PATH SWITCH/MIL STD 883 VERSION OF 4704BDM | 4705 |
| 4704BFC | SPECL | 4-BIT | DATA PATH SWITCH FOR CLOSING LOOPS ROUND ARITHMETIC-LOGIC UNITS | 4705 |
| 4704BFM | SPECL | 4-BIT | DATA PATH SWITCH FOR CLOSING LOOPS ROUND ARITHMETIC-LOGIC UNITS | 4705 |
| 4704BFMQB | SPECL | 4-BIT | DATA PATH SWITCH/MIL STD 883 VERSION OF 4704BFM | 4705 |
| 4704BPC | SPECL | 4-BIT | DATA PATH SWITCH FOR CLOSING LOOPS ROUND ARITHMETIC-LOGIC UNITS | 4705 |
| 4705BDC | RALU | 4-BIT | 4-BIT ARITHMETIC REGISTER STACK/4.3MHZ TYP. CLOCK FREQUENCY | 4705 |
| 4705BDM | RALU | 4-BIT | 4-BIT ARITHMETIC REGISTER STACK/4.3MHZ TYP. CLOCK FREQUENCY | 4705 |
| 4705BDMQB | RALU | 4-BIT | 4-BIT ARITHMETIC REGISTER STACK/MIL STD 883 VERSION OF 4705BDM | 4705 |
| 4705BFC | RALU | 4-BIT | 4-BIT ARITHMETIC REGISTER STACK/4.3MHZ TYP. CLOCK FREQUENCY | 4705 |
| 4705BFM | RALU | 4-BIT | 4-BIT ARITHMETIC REGISTER STACK/4.3MHZ TYP. CLOCK FREQUENCY | 4705 |
| 4705BFMQB | RALU | 4-BIT | 4-BIT ARITHMETIC REGISTER STACK/MIL STD 883 VERSION OF 4705BFM | 4705 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| FAS | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | . | TTL | TTL/TS | . | 3260DC |
| FAS | DIL-24/2P | PMOS | 0C/+70C | -12V/+5V | . | TTL | TTL/TS | . | 3260PC |
| FAS | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 450MXMW | TTL | TTL | . | 3341ADC |
| FAS | DIL-16/1C | PMOS | -55C/+85C | -12V/+5V | 625MXMW | TTL | TTL | . | 3341ADL |
| FAS | DIL-16/1P | PMOS | 0C/+70C | . | 450MXMW | TTL | TTL | . | 3341APC |
| FAS | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 450MXMW | TTL | TTL | 3341ADC | 3341DC |
| FAS | DIP-16/1C | PMOS | -55C/+85C | -12V/+5V | 625MXMW | TTL | TTL | 3341ADL | 3341DL |
| FAS | DIL-16/1C | PMOS | -55C/+125C | . | 625MXMW | TTL | TTL | . | 3341DM |
| FAS | DIL-16/1P | PMOS | 0C/+70C | -12V/+5V | 450MXMW | TTL | TTL | 3341APC | 3341PC |
| FAS | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 380MXMW | TTL | TTL | . | 3342DC |
| FAS | DIL-16/1P | PMOS | 0C/+70C | -12V/+5V | 380MXMW | TTL | TTL | . | 3342PC |
| FAS | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 380MXMW | TTL | TTL | . | 3347DC |
| FAS | DIL-16/1P | PMOS | 0C/+70C | -12V/+5V | 380MXMW | TTL | TTL | . | 3347PC |
| FAS | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 150MXMW | TTL | TTL | . | 3348DC |
| FAS | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 150MXMW | TTL | TTL | . | 3349DC |
| FAS | DIL-16/1P | PMOS | 0C/+70C | -12V/+5V | 150MXMW | TTL | TTL | . | 3349PC |
| FAS | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 375MXMW | TTL | TTL | . | 3357-1DC |
| FAS | DIL-16/1C | PMOS | 0C/+70C | -12V/+5V | 285MXMW | TTL | TTL | 3357-1DC | 3357-2DC |
| FAS | DIL-24/2C | NMOS | 0C/+70C | -5V/+5V/+12V | 330MXMW | TTL | TTL/TS | . | 3508DC |
| FAS | DIL-24/2P | NMOS | 0C/+70C | -5V/+5V/+12V | 330MXMW | TTL | TTL/TS | . | 3508PC |
| FAS | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 510MXMW | TTL | TTL/TS | SY3515 | 3515-1DC |
| FAS | DIL-24/2C | PMOS | 0C/+70C | -12V/+5V | 510MXMW | TTL | TTL/TS | SY3515 | 3515-2DC |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 98MXMA | TTL | TTL/TS | D3516A | 3516DC |
| FAS | DIL-24/2C | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | D3516E | 3516EDC |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | D3516E | 3516EPC |
| FAS | DIL-24/2P | NMOS | 0C/+70C | +5V | 98MXMA | TTL | TTL/TS | D3516A | D3516PC |
| FAS | DIL-22/2C | NMOS | 0C/+70C | +5V | 500MXMW | TTL | TTL | MK3539 | 3539DC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | 2102RDC | 3542ADC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 70MXMA | TTL | TTL/TS | 2102RDL | 3542ADL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | 2102RDM | 3542ADM |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | 2102SDC | 3542DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 70MXMA | TTL | TTL/TS | 2102SDL | 3542DL |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | . | 3542PC |
| FAS | DIL-18/1C | NMOS | 0C/+70C | +5V | 450MXMW | TTL | TTL/ | . | 3544DC |
| FAS | DIL-16/1C | PMOS | 0C/+70C | -20V | . | PMOS | PMOS | . | 3708DC |
| FAS | DIL-16/1C | PMOS | -55C/+85C | -20V | . | PMOS | PMOS | . | 3708DL |
| FAS | DIL-16/1C | PMOS | -55C/+125C | -20V | . | PMOS | PMOS | . | 3708DM |
| FAS | FLP-16/3C | PMOS | 0C/+70C | -20V | . | PMOS | PMOS | . | 3708FC |
| FAS | DIL-16/1C | PMOS | -55C/+125C | -20V | . | PMOS | PMOS | . | 3708FM |
| FAS | DIL-16/1P | PMOS | 0C/+70C | -20V | . | PMOS | PMOS | . | 3708PC |
| EMM | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL/TS | . | 4104ACC |
| EMM | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL/TS | . | 4104ACP |
| EMM | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 55MXMA | TTL | TTL/TS | . | 4104BCP |
| EMM | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 55MXMA | TTL | TTL/TS | . | 4104BCC |
| EMM | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL/TS | uPD410D | 4200ACC |
| EMM | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 50MXMA | TTL | TTL/TS | uPD410D | 4200ACP |
| EMM | DIL-22/4C | NMOS | 0C/+70C | -5V/+5V/+12V | 55MXMA | TTL | TTL/TS | uPD410D-1 | 4200BCC |
| EMM | DIL-22/4P | NMOS | 0C/+70C | -5V/+5V/+12V | 55MXMA | TTL | TTL/TS | uPD410D-2 | 4200BCP |
| FAS | DIL-16/1C | CMOS | -40C/+85C | 5(3/15)V | 50TPMW | . | TTL | HD4702-9 | 4702BDC |
| FAS | DIL-16/1C | CMOS | -55C/+125C | 5(3/15)V | 50TPMW | . | TTL | HD4702-2 | 4702BDM |
| FAS | DIL-16/1C | CMOS | -55C/+125C | 5(3/15)V | 50TPMW | . | TTL | . | 4702BDMQB |
| FAS | FLP-16/3C | CMOS | -40C/+85C | 5(3/15)V | 50TPMW | . | TTL | 4702BFM | 4702BFC |
| FAS | FLP-16/3C | CMOS | -55C/+125C | 5(3/15)V | 50TPMW | . | TTL | . | 4702BFM |
| FAS | FLP-16/3C | CMOS | -55C/+125C | 5(3/15)V | 50TPMW | . | TTL | . | 4702BFMQ |
| FAS | DIL-16/1P | CMOS | -40C/+85C | 5(3/15)V | 50TPMW | . | TTL | HD4702-9 | 4702BPC |
| FAS | DIL-24/4C | CMOS | -40C/+85C | 5(3/15)V | 0.5MXMW | . | . | 4703BDM | 4703BDC |
| FAS | DIL-24/4C | CMOS | -55C/+125C | 5(3/15)V | 0.5MXMW | . | . | . | 4703BDM |
| FAS | DIL-24/4C | CMOS | -55C/+125C | 5(3/15)V | 0.5MXMW | . | . | . | 4703BDMQB |
| FAS | SPECIAL/C | CMOS | -40C/+85C | 5(3/15)V | 0.5MXMW | . | . | 4703BFM | 4703BFC |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 0.5MXMW | . | . | . | 4703BFM |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 0.5MXMW | . | . | . | 4703BFMQB |
| FAS | DIL-24/4P | CMOS | -40C/+85C | 5(3/15)V | 0.5MXMW | . | . | 4703BDC | 4703BPC |
| FAS | DIL-24/4C | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4704BDM | 4704BDC |
| FAS | DIL-24/4C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4704BDM |
| FAS | DIL-24/4C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4704BDMQB |
| FAS | SPECIAL/C | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4704BFM | 4704BFC |
| FAS | SPECIAL/C | CMOS | -55C/+85C | 5(3/15)V | 15TPuW | . | . | . | 4704BFM |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4704BFMQB |
| FAS | DIL-24/4P | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4704BDC | 4704BPC |
| FAS | DIL-24/4C | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4705BDM | 4705BDC |
| FAS | DIL-24/4C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4705BDM |
| FAS | DIL-24/4C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4705BDMQB |
| FAS | SPECIAL/C | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4705BFM | 4705BFC |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4705BFM |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4705BFMQB |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| 4705BPC | RALU | 4-BIT | 4-BIT ARITHMETIC REGISTER STACK/4.3MHZ TYP. CLOCK FREQUENCY | 4705 |
| 4706BDC | LIFO | 4-BIT | 64=16X4 PUSH-DOWN POP-UP PROGRAM STACK | 4705 |
| 4706BDM | LIFO | 4-BIT | 64=16X4 PUSH-DOWN POP-UP PROGRAM STACK | 4705 |
| 4706BDMQB | LIFO | 4-BIT | 64=16X4 PUSH-DOWN POP-UP PROGRAM STACK/MIL STD 883 4706BDM | 4705 |
| 4706BFC | LIFO | 4-BIT | 64=16X4 PUSH-DOWN POP-UP PROGRAM STACK | 4705 |
| 4706BFM | LIFO | 4-BIT | 64=16X4 PUSH-DOWN POP-UP PROGRAM STACK | 4705 |
| 4706BFMQB | LIFO | 4-BIT | 64=16X4 PUSH-DOWN POP-UP PROGRAM STACK/MIL STD 883 4706BFM | 4705 |
| 4706BPC | LIFO | 4-BIT | 64=16X4 PUSH-DOWN POP-UP PROGRAM STACK | 4705 |
| 4707BDC | REGR | 4-BIT | DATA ACCESS REGISTER/5.2MHZ TYP. CLOCK FREQUENCY | 4705 |
| 4707BDM | REGR | 4-BIT | DATA ACCESS REGISTER/5.2MHZ TYP. CLOCK | 4705 |
| 4707BDMQB | REGR | 4-BIT | DATA ACCESS REGISTER/5.2MHZ TYP. CLOCK/MIL STD 883 4707BDM | 4705 |
| 4707BFC | REGR | 4-BIT | DATA ACCESS REGISTER/5.2MHZ TYP. CLOCK FREQUENCY | 4705 |
| 4707BFM | REGR | 4-BIT | DATA ACCESS REGISTER/5.2MHZ TYP. CLOCK | 4705 |
| 4707BFMQB | REGR | 4-BIT | DATA ACCESS REGISTER/MIL STD 883 VERSION OF 4707BFM | 4705 |
| 4707BPC | REGR | 4-BIT | DATA ACCESS REGISTER/5.2MHZ TYP. CLOCK FREQUENCY | 4705 |
| 4708BDC | SQNCR | 10-BIT | MICROPROGRAM SEQUENCER-CONTROLLER/2MHZ TYP. CLOCK FREQUENCY | 4705 |
| 4708BDM | SQNCR | 10-BIT | MICROPROGRAM SEQUENCER-CONTROLLER/2MHZ TYP. CLOCK FREQUENCY | 4705 |
| 4708BDMQB | SQNCR | 10-BIT | MICROPROGRAM SEQUENCER-CONTROLLER/MIL STD VERSION OF 4708BDM | 4705 |
| 4708BPC | SQNCR | 10-BIT | MICROPROGRAM SEQUENCER-CONTROLLER/2MHZ TYP. CLOCK FREQUENCY | 4705 |
| 4710BDC | SRAM | 4-BIT | 64=16X4/REGISTER STACK WITH OUTPUT LATCH/6.8MHZ TYP. CLOCK FREQ. | 4705 |
| 4710BDM | SRAM | 4-BIT | 64=16X4/REGISTER STACK WITH OUTPUT LATCH/6.8MHZ TYP. CLOCK FREQ. | 4705 |
| 4710BDMQB | SRAM | 4-BIT | 64=16X4/REGISTER STACK WITH OUTPUT LATCH/MIL STD 883 4710BDM | 4705 |
| 4710BPC | SRAM | 4-BIT | 64=16X4/REGISTER STACK WITH OUTPUT LATCH/6.8MHZ TYP. CLOCK FREQ. | 4705 |
| 4720BDC | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 95NS/8 ADDRESS 1CS LINES | 4705 |
| 4720BDM | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 95NS/8 ADDRESS 1CS LINES | 4705 |
| 4720BDMQB | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 95NS/MIL STD 883 VERSION OF 4720BDM | 4705 |
| 4720BFC | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 95NS/8 ADDRESS 1CS LINES | 4705 |
| 4720BFM | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 95NS/8 ADDRESS 1CS LINES | 4705 |
| 4720BFMQB | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 95NS/MIL STD 883 VERSION OF 4720BFM | 4705 |
| 4720BPC | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 95NS/8 ADDRESS 1CS LINES | 4705 |
| 4720DC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 100NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| 4720DM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 100NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| 4720PC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 100NS/8 ADDRESS 1CS LINES | GEN. PURP. |
| 4721BDC | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 240NS/5X 3Y ADDRESS 2CE LINES | 4705 |
| 4721BDM | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 240NS/5X 3Y ADDRESS 2CE LINES | 4705 |
| 4721BDMQB | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 240NS/5X 3Y ADDRESS 2CE LINES/MIL STD 883 | 4705 |
| 4721BFC | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 240NS/5X 3Y ADDRESS 2CE LINES | 4705 |
| 4721BFM | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 240NS/5X 3Y ADDRESS 2CE LINES | 4705 |
| 4721BFMQB | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 240NS/5X 3Y ADDRESS 2CE LINES/MIL STD 883 | 4705 |
| 4721BPC | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 240NS/5X 3Y ADDRESS 2CE LINES | 4705 |
| 4721DC | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 450NS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| 4721DM | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 450NS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| 4721PC | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 450NS/5X 3Y ADDRESS 2CE LINES | GEN. PURP. |
| 4725BDC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 100NS/4 ADDRESS 1CS LINES | 4705 |
| 4725BDM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 100NS/4 ADDRESS 1CS LINES | 4705 |
| 4725BDMQB | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 100NS/4 ADDRESS 1CS LINES/MIL STD 883 | 4705 |
| 4725BFC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 100NS/4 ADDRESS 1CS LINES | 4705 |
| 4725BFM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 100NS/4 ADDRESS 1CS LINES | 4705 |
| 4725BFMQB | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 100NS/4 ADDRESS 1CS LINES/MIL STD 883 | 4705 |
| 4725BPC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 100NS/4 ADDRESS 1CS LINES | 4705 |
| 4735BDC | ROM | 8-BIT | 4K=256X8/TYP. ACCESS 152NS/8 ADDRESS 1CS LINES | 4705 |
| 4735BDM | ROM | 8-BIT | 4K=256X8/TYP. ACCESS 152NS/8 ADDRESS 1CS LINES | 4705 |
| 4735BDMQB | ROM | 8-BIT | 4K=256X8/TYP. ACCESS 152NS/8 ADDRESS 1CS LINES/MIL STD 883 | 4705 |
| 4735BFC | ROM | 8-BIT | 4K=256X8/TYP. ACCESS 152NS/8 ADDRESS 1CS LINES | 4705 |
| 4735BFM | ROM | 8-BIT | 4K=256X8/TYP. ACCESS 152NS/8 ADDRESS 1CS LINES | 4705 |
| 4735BFMQB | ROM | 8-BIT | 4K=256X8/TYP. ACCESS 152NS/8 ADDRESS 1CS LINES/MIL STD 883 | 4705 |
| 4735BPC | ROM | 8-BIT | 4K=256X8/TYP. ACCESS 152NS/8 ADDRESS 1CS LINES | 4705 |
| 4735DC | MROM | 8-BIT | 2K=256X8/TYP. ACCESS 250NS | GEN. PURP. |
| 4736BDC | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 320NS/10 ADDRESS 1CS LINES | 4705 |
| 4736BDM | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 320NS/10 ADDRESS 1CS LINES | 4705 |
| 4736BDMQB | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 320NS/10 ADDRESS 1CS LINES/MIL STD 883 | 4705 |
| 4736BFC | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 320NS/10 ADDRESS 1CS LINES | 4705 |
| 4736BFM | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 320NS/10 ADDRESS 1CS LINES | 4705 |
| 4736BFMQB | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 320NS/10 ADDRESS 1CS LINES/MIL STD 883 | 4705 |
| 4736BPC | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 320NS/10 ADDRESS 1CS LINES | 4705 |
| 4736DC | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 500NS/10 ADDRESS 1CS LINES | 4705 |
| 4801ACC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 450NS/5X 5Y 2CS 1CE ADDRESS LINES | GEN. PURP. |
| 4801BCC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 400NS/5X 5Y 2CS 1CE ADDRESS LINES | GEN. PURP. |
| 4801UCC | SRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 600NS/5X 5Y 2CS 1CE ADDRESS LINES | GEN. PURP. |
| 4804ACC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 450NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| 4804BCC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 400NS/5X 5Y ADDRESS LINES | GEN. PURP. |
| 4804UCC | SRAM | 4-BIT | 4K=1024X4/MAX. ACCESS 600NS/5X 5Y ADDRESS 1CE LINES | GEN. PURP. |
| 9401DC | CRCGR | . | CRC GENERATOR-CHECKER | 9400 |
| 9401DM | CRCGR | . | CRC GENERATOR-CHECKER | 9400 |
| 9401PC | CRCGR | . | CRC GENERATOR-CHECKER | 9400 |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|----------------|
| FAS | DIL-24/4P | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4705BDC | 4705BPC |
| FAS | DIL-24/4C | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4706BDM | 4706BDC |
| FAS | DIL-24/4C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4706BDM |
| FAS | DIL-24/4C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4706BDMQ8 |
| FAS | SPECIAL/C | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4706BFM | 4706BFC |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4706BFM |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4706BFMQ8 |
| FAS | DIL-24/4P | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4706BDC | 4706BPC |
| FAS | DIL-24/4C | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4707BDM | 4707BDC |
| FAS | DIL-24/4C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4707BDM |
| FAS | DIL-24/4C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4707BDMQ8 |
| FAS | SPECIAL/C | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4707BFM | 4707BFC |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4707BFM |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4707BFMQ8 |
| FAS | DIL-24/4P | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4707BDC | 4707BPC |
| FAS | DIL-40/2M | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4708BDM | 4708BDC |
| FAS | DIL-40/2M | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4708BDM |
| FAS | DIL-40/2M | CMOS | -55C/+125C | 5(3/15)V | 15TPuW | . | . | . | 4708BDMQ8 |
| FAS | DIL-40/2P | CMOS | -40C/+85C | 5(3/15)V | 15TPuW | . | . | 4708BDC | 4708BPC |
| FAS | DIL-18/1C | CMOS | -40C/+85C | 5(3/15)V | 10TPuW | . | . | 4710BDM | 4710BDC |
| FAS | DIL-18/1C | CMOS | -55C/+125C | 5(3/15)V | 10TPuW | . | . | . | 4710BDM |
| FAS | DIL-18/1C | CMOS | -55C/+125C | 5(3/15)V | 10TPuW | . | . | . | 4710BDMQ8 |
| FAS | DIL-18/1P | CMOS | -40C/+85C | 5(3/15)V | 10TPuW | . | . | 4710DC | 4710BPC |
| FAS | DIL-16/1C | CMOS | -40C/+85C | 5(3/15)V | 0.4MXMW | . | . | 4720BDM | 4720BDC |
| FAS | DIL-16/1C | CMOS | -55C/+125C | 5(3/15)V | 0.4MXMW | . | . | . | 4720BDM |
| FAS | DIL-16/1C | CMOS | -55C/+125C | 5(3/15)V | 0.4MXMW | . | . | . | 4720BDMQ8 |
| FAS | FLP-16/3C | CMOS | -40C/+85C | 5(3/15)V | 0.4MXMW | . | . | 4720BFC | 4720BFC |
| FAS | FLP-16/3C | CMOS | -55C/+125C | 5(3/15)V | 0.4MXMW | . | . | . | 4720BFM |
| FAS | FLP-16/3C | CMOS | -55C/+125C | 5(3/15)V | 0.4MXMW | . | . | . | 4720BFMQ8 |
| FAS | DIL-16/1P | CMOS | -40C/+85C | 5(3/15)V | 0.4MXMW | . | . | 4720BPC | 4720BPC |
| FAS | DIL-16/1C | CMOS | -40C/+85C | +5V | . | TTL | TTL | HEF4720BD | 4720DC |
| FAS | DIL-16/1C | CMOS | -40C/+85C | +5V | . | TTL | TTL | HEF4720BD | 4720DM |
| FAS | DIL-16/1P | CMOS | -40C/+85C | +5V | . | TTL | TTL | HEF4720BP | 4720PC |
| FAS | DIL-22/4C | CMOS | -40C/+85C | 5(3/15)V | 0.7MXMW | . | TTL | 4721BDM | 4721BDC |
| FAS | DIL-22/4C | CMOS | -55C/+125C | 5(3/15)V | 0.7MXMW | . | TTL | . | 4721BDM |
| FAS | DIL-22/4C | CMOS | -55C/+125C | 5(3/15)V | 0.7MXMW | . | TTL | . | 4721BDMQ8 |
| FAS | SPECIAL/C | CMOS | -40C/+85C | 5(3/15)V | 0.7MXMW | . | TTL | 4721BFM | 4721BFC |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 0.7MXMW | . | TTL | . | 4721BFM |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 0.7MXMW | . | TTL | . | 4721BFMQ8 |
| FAS | DIL-22/4P | CMOS | -40C/+85C | 5(3/15)V | 0.7MXMW | . | TTL | 4721BDC | 4721BPC |
| FAS | DIL-22/2C | CMOS | 0C/+75C | +5V | 27MXMA | . | TTL/TS | HEF4721BD | 4721DC |
| FAS | DIL-22/4C | CMOS | -55C/+125C | . | 27MXMA | . | TTL/TS | HEF4721BD | 4721DM |
| FAS | DIL-22/2P | CMOS | 0C/+75C | +5V | 27MXMA | . | TTL/TS | HEF4721BP | 4721PC |
| FAS | DIL-16/1C | CMOS | -40C/+85C | 5(3/15)V | 0.4MXMW | . | TTL | 4725BDM | 4725BDC |
| FAS | DIL-16/1C | CMOS | -55C/+125C | 5(3/15)V | 0.4MXMW | . | TTL | . | 4725BDM |
| FAS | DIL-16/1C | CMOS | -55C/+125C | 5(3/15)V | 0.4MXMW | . | TTL | . | 4725BDMQ8 |
| FAS | FLP-16/3C | CMOS | -40C/+85C | 5(3/15)V | 0.4MXMW | . | TTL | 4725BFM | 4725BFC |
| FAS | FLP-16/3C | CMOS | -55C/+125C | 5(3/15)V | 0.4MXMW | . | TTL | . | 4725BFM |
| FAS | FLP-16/3C | CMOS | -55C/+125C | 5(3/15)V | 0.4MXMW | . | TTL | . | 4725BFMQ8 |
| FAS | DIL-16/1P | CMOS | -40C/+85C | 5(3/15)V | 0.4MXMW | . | TTL | 4725BDC | 4725BPC |
| FAS | DIL-24/4C | CMOS | -40C/+85C | 5(3/15)V | 0.7TPMW | . | TTL | 4735BDM | 4735BDC |
| FAS | DIL-24/4C | CMOS | -55C/+125C | 5(3/15)V | 0.7TPMW | . | TTL | . | 4735BDM |
| FAS | DIL-24/4C | CMOS | -55C/+125C | 5(3/15)V | 0.7TPMW | . | TTL | . | 4735BDMQ8 |
| FAS | SPECIAL/C | CMOS | -40C/+85C | 5(3/15)V | 0.7TPMW | . | TTL | 4735BFM | 4735BFC |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 0.7TPMW | . | TTL | . | 4735BFM |
| FAS | SPECIAL/C | CMOS | -55C/+125C | 5(3/15)V | 0.7TPMW | . | TTL | . | 4735BFMQ8 |
| FAS | DIL-24/4P | CMOS | -40C/+85C | 5(3/15)V | 0.7TPMW | . | TTL | 4735BDC | 4735BPC |
| FAS | DIL-24/2C | CMOS | 0C/+75C | +5V | . | TTL | TTL | . | 4735DC |
| FAS | DIL-16/1C | CMOS | -40C/+85C | 5(3/15)V | 0.7MXMW | . | TTL | 4736BDM | 4736BDC |
| FAS | DIL-16/1C | CMOS | -55C/+125C | 5(3/15)V | 0.7MXMW | . | TTL | . | 4736BDM |
| FAS | DIL-16/1C | CMOS | -55C/+125C | 5(3/15)V | 0.7MXMW | . | TTL | . | 4736BDMQ8 |
| FAS | FLP-16/3C | CMOS | -40C/+85C | 5(3/15)V | 0.7MXMW | . | TTL | 4736BFM | 4736BFC |
| FAS | FLP-16/3C | CMOS | -55C/+125C | 5(3/15)V | 0.7MXMW | . | TTL | . | 4736BFM |
| FAS | FLP-16/3C | CMOS | -55C/+125C | 5(3/15)V | 0.7MXMW | . | TTL | . | 4736BFMQ8 |
| FAS | DIL-16/1P | CMOS | -40C/+85C | 5(3/15)V | 0.7MXMW | . | TTL | 4736BDC | 4736BPC |
| FAS | DIL-16/1C | CMOS | 0C/+70C | 5(3/15)V | . | TTL | TTL | HEF4736BD | 4736DC |
| EMM | DIL-18/1C | NMOS | 0C/+70C | +5V | 100MXMA | . | TTL/TS | . | 4801ACC |
| EMM | DIL-18/1C | NMOS | 0C/+70C | +5V | 100MXMA | . | TTL/TS | . | 4801BCC |
| EMM | DIL-18/1C | NMOS | 0C/+70C | +5V | 100MXMA | . | TTL/TS | . | 4801UCC |
| EMM | DIL-18/1C | NMOS | 0C/+70C | +5V | 100MXMA | . | TTL/TS | . | 4804ACC |
| EMM | DIL-18/1C | NMOS | 0C/+70C | +5V | 100MXMA | . | TTL/TS | . | 4804BCC |
| EMM | DIL-18/1C | NMOS | 0C/+70C | +5V | 100MXMA | . | TTL/TS | . | 4804UCC |
| FAS | DIL-14/1C | I2LB | 0C/+75C | +5V | 110MXMA | . | TTL | . | 9401DC |
| FAS | DIL-14/1C | I2LB | -55C/+125C | +5V | 110MXMA | . | TTL | . | 9401DM |
| FAS | DIL-14/1P | I2LB | 0C/+75C | +5V | 110MXMA | . | TTL | . | 9401PC |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|-----------------|----------------|------------------|--|---------------------|
| 9403DC | FIFO | 4-BIT | SER. PARALL. FIFO MEMORY/16X4 BIT/10MHZ TYP. CLOCK | 9400 |
| 9403DM | FIFO | 4-BIT | SER. PARALL. FIFO MEMORY/16X4 BIT/10MHZ TYP. CLOCK | 9400 |
| 9403PC | FIFO | 4-BIT | SER. PARALL. FIFO MEMORY/16X4 BIT/10MHZ TYP. CLOCK | 9400 |
| 9404DC | ANLGS | 4-BIT | DATA PATH SWITCH | 9400 |
| 9404DM | ANLGS | 4-BIT | DATA PATH SWITCH | 9400 |
| 9404PC | ANLGS | 4-BIT | DATA PATH SWITCH | 9400 |
| 9405ADC | RALU | 4-BIT | ARITHMETIC LOGIC REGISTER STACK | 9400 |
| 9405ADM | RALU | 4-BIT | ARITHMETIC LOGIC REGISTER STACK | 9400 |
| 9405APC | RALU | 4-BIT | ARITHMETIC LOGIC REGISTER STACK | 9400 |
| 9405DC | RALU | 4-BIT | ARITHMETIC LOGIC REGISTER STACK | 9400 |
| 9405DM | RALU | 4-BIT | ARITHMETIC LOGIC REGISTER STACK | 9400 |
| 9405PC | RALU | 4-BIT | ARITHMETIC LOGIC REGISTER STACK | 9400 |
| 9406DC | LIFO | 4-BIT | P-STACK (LIFO)/16X4 BIT/PUSH-DOWN POP-UP PROGRAM STACK | 9400 |
| 9406DM | LIFO | 4-BIT | P-STACK (LIFO)/16X4 BIT/PUSH-DOWN POP-UP PROGRAM STACK | 9400 |
| 9406PC | LIFO | 4-BIT | P-STACK (LIFO)/16X4 BIT/PUSH-DOWN POP-UP PROGRAM STACK | 9400 |
| 9407DC | IOBFR | 4-BIT | DATA ACCESS REGISTER | 9400 |
| 9407DM | IOBFR | 4-BIT | DATA ACCESS REGISTER | 9400 |
| 9407PC | IOBFR | 4-BIT | DATA ACCESS REGISTER | 9400 |
| 9408ADC | SQNCR | 10-BIT | MICROPROGRAM SEQUENCER-CONTROLLER/MAX. FREQ. 10MHZ | 9400 |
| 9408APC | SQNCR | 10-BIT | MICROPROGRAM SEQUENCER-CONTROLLER/MAX. FREQ. 10MHZ | 9400 |
| 9408DC | SQNCR | 10-BIT | MICROPROGRAM SEQUENCER-CONTROLLER/MAX. FREQ. 7MHZ | 9400 |
| 9408PC | SQNCR | 10-BIT | MICROPROGRAM SEQUENCER-CONTROLLER/MAX. FREQ. 7MHZ | 9400 |
| 9409DC | CPU | 4-BIT | CPU FOR 2900 FAM. (APP. B)/=AM2901 | 2900/9400 |
| 9410DC | SRAM | 4-BIT | 64=16X4/CLOCKED RAM/MAX. ACCESS 38NS/4 ADDRESS 1CS LINES | 9400 |
| 9410DM | SRAM | 4-BIT | 64=16X4/CLOCKED RAM/MAX. ACCESS 38NS/4 ADDRESS 1CS LINES | 9400 |
| 9410PC | SRAM | 4-BIT | 64=16X4/CLOCKED RAM/MAX. ACCESS 38NS/4 ADDRESS 1CS LINES | 9400 |
| 9423DC | FIFO | 4-BIT | 64X4 SERIAL-PARALLEL FIFO BUFFER MEMORY/8MHZ MAX. FREQ. | 9400 |
| 9423PC | FIFO | 4-BIT | 64X4 SERIAL-PARALLEL FIFO BUFFER MEMORY/8MHZ MAX. FREQ. | 9400 |
| 9440DC | CPU | 16-BIT | MINICOMPUTER CPU/12MHZ INTERNAL OSC./9440 FAM. (APP. B) | 9400 |
| 10414FC | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 7NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| 10432 | RAM | 4-BIT | 1K=1024X4 RANDOM ACCESS MEMORY | PPS4-4/2 |
| 10453 | COMMS | 8-BIT | COMMUNICATIONS INTERFACE/PARALLEL DATA CONTROLLER | PPS-8 |
| 10696 | IOCTR | | GEN. PURP. INPUT-OUTPUT | PPS4-8 |
| 10706 | CLOCK | | CLOCK GENERATOR | PPS4/PPS8 |
| 10736/15380 | PRTRC | 4/8BIT | VICTOR PRINTER CONTROLLER/CHIP PAIR | PPS4-8 |
| 10738 | IFACE | 4/8BIT | BUS INTERFACE CONTROLLER | PPS4-8 |
| 10788 | KBDSK | | GEN. PURPOSE KEYBOARD-DISPLAY CONTROLLER | PPS4-8 |
| 10789 | PRTRC | 4/8BIT | PRINTER CONTROLLER | PPS4-8 |
| 10809 | RAM | 8-BIT | 2K=256X8 RAM | PPS-8 |
| 10814 | DSPLC | 4/8BIT | DISPLAY CONTROLLER FOR 16-DIGIT 7/8 SEGMENT DISPLAY | PPS4-8 |
| 10815 | KBPRC | | KEYBOARD PRINTER CONTROLLER | PPS4-8 |
| 10817 | DMAC | | DIRECT MEMORY ACCESS CONTROLLER/8 PRIORITIZED DMA CHANNELS | PPS-8 |
| 10929 | MEMCT | | INTERFACE FOR STANDARD NMOS 16-PIN 4K RAM SUCH AS 1604-8P | PPS-8 |
| 10930 | COMMS | 4/8BIT | COMMUNICATIONS INTERFACE/SERIAL DATA CONTROLLER | PPS4-8 |
| 10932 | RAM | 4-BIT | 2K=512X4 RAM | PPS4-4/2 |
| 10936 | FLPDC | 8-BIT | FLOPPY DISK CONTROLLER/UP TO 4 DRIVES/SINGLE OR DOUBLE DENSITY | PPS-8 |
| 11049 | | 8-BIT | INTERVAL TIMER-CONTROLLER/4 12-BIT COUNTERS | PPS-8 |
| 11660(PPS-4/2) | CPU | 4-BIT | SEE PPS4/2CPU-11660 | |
| 11696 | IOCTR | | PARALLEL INPUT-OUTPUT CONTROLLER/24 BIDIR. TTL-COMPAT. I-O LINES | PPS4-8 |
| 11806(PPS-8CPU) | CPU | 8-BIT | SEE PPS-8CPU(11806) | |
| 12660(PPS-4CPU) | CPU | 4-BIT | SEE PPS-4CPU(12660) | |
| 12806-PPS8/2CPU | CPU | 8-BIT | SEE PPS8/2CPU-12806 | |
| 15380 | CHRGN | | CHARACTER GENERATOR(SEE 10736/15380) | PPS-8 |
| 21021DC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CS ADDRESS LINES | STANDARD GEN. PURP. |
| 21021DL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CS ADDRESS LINES | STANDARD GEN. PURP. |
| 21021DM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CS ADDRESS LINES | STANDARD GEN. PURP. |
| 21021FM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CS ADDRESS LINES | STANDARD GEN. PURP. |
| 21021PC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CS ADDRESS LINES | STANDARD GEN. PURP. |
| 21022DC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CS ADDRESS LINES | STANDARD GEN. PURP. |
| 21022DL | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CS ADDRESS LINES | STANDARD GEN. PURP. |
| 21022DM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CS ADDRESS LINES | STANDARD GEN. PURP. |
| 21022FM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CS ADDRESS LINES | STANDARD GEN. PURP. |
| 21022PC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 650NS/5X 5Y 1CS ADDRESS LINES | STANDARD GEN. PURP. |
| 29700FM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 30NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| 29700JC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 25NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| 29700JM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 30NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| 29700NC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 25NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| 29701FM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 25NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| 29701JC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 25NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| 29701JM | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 30NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| 29701NC | SRAM | 4-BIT | 64=16X4/TYP. ACCESS 25NS/4X 1CS ADDRESS LINES/NON-INV. | 2900 |
| 29702FM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 30NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| 29702JC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 25NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| 29702JM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 30NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| 29702NC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 25NS/4X 1CS ADDRESS LINES/INV. | 2900 |

| MKR app C | PACKAGE app E | LST TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------|---------------|----------------|-----------------------------|-----------------------|------------------|--------------------|---------------------|------------|------------------|
| FAS | DIL-24/4C | I2LB | 0C/+75C | +5V | 170MXMA | TTL | TTL/TS | 9403DM | 9403DC |
| FAS | DIL-24/2C | TTLB | -55C/+125C | +5V | 600TPMW | TTL | TTL/TS | | 9403DM |
| FAS | DIL-24/4P | I2LB | 0C/+75C | +5V | 170MXMA | TTL | TTL/TS | 9403PC | 9403PC |
| FAS | DIL-24/4P | TTLB | 0C/+75C | +5V | 90MXMA | TTL | TTL | | 9404DC |
| FAS | DIL-24/4C | TTLB | -55C/+125C | +5V | 90MXMA | TTL | TTL | | 9404DM |
| FAS | DIL-24/4P | TTLB | 0C/+75C | +5V | 90MXMA | TTL | TTL | | 9404PC |
| FAS | DIL-24/4C | I2LB | 0C/+75C | +5V | 160MXMA | TTL | TTL/TS | | 9405DC |
| FAS | DIL-24/4C | I2LB | 0C/+75C | +5V | 160MXMA | TTL | TTL/TS | | 9405DM |
| FAS | DIL-24/4C | I2LB | -55C/+125C | +5V | 160MXMA | TTL | TTL/TS | | 9405DM |
| FAS | DIL-24/4P | I2LB | 0C/+75C | +5V | 160MXMA | TTL | TTL/TS | | 9405DM |
| FAS | DIL-24/4C | I2LB | 0C/+75C | +5V | 160MXMA | TTL | TTL/TS | | 9405DM |
| FAS | DIL-24/4C | I2LB | -55C/+125C | +5V | 500TPMW | TTL | TTL/TS | | 9405DM |
| FAS | DIL-24/4P | I2LB | 0C/+75C | +5V | 160MXMA | TTL | TTL/TS | 9406DM | 9406DC |
| FAS | DIL-24/4C | I2LB | 0C/+75C | +5V | 145MXMA | TTL | TTL/TS | 9407PC | 9407DC |
| FAS | DIL-24/4C | I2LB | -55C/+125C | +5V | 145MXMA | TTL | TTL/TS | | 9407DM |
| FAS | DIL-24/4P | I2LB | 0C/+75C | +5V | 145MXMA | TTL | TTL/TS | 9407DC | 9407PC |
| FAS | DIL-24/4C | I2L | 0C/+70C | +5V | 650TPMW | TTL | TTL | 9408APC | 9408ADC |
| FAS | DIL-24/4P | I2L | 0C/+70C | +5V | 650TPMW | TTL | TTL | 9408ADC | 9408APC |
| FAS | DIL-40/2C | TTLB | 0C/+75C | +5V | 130TPMA | TTL | TTL | 9408ADC | 9408DC |
| FAS | DIL-24/2P | TTLB | 0C/+70C | +5V | 130TPMA | TTL | TTL | 9408APC | 9408PC |
| FAS | DIL-40/2C | I2LB | 0C/+75C | +5V | 280MXMA | TTL | TTL/TS | | 9409DC |
| FAS | DIL-18/1C | I2LB | 0C/+75C | +5V | 110MXMA | TTL | TTL/TS | 9410PC | 9410DC |
| FAS | DIL-18/1C | I2LB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | | 9410DM |
| FAS | DIL-18/1P | I2LB | 0C/+75C | +5V | 110MXMA | TTL | TTL/TS | 9410DC | 9410PC |
| FAS | DIL-24/4C | I2L | 0C/+70C | +5V | 600TPMW | TTL | TTL | 9423PC | 9423DC |
| FAS | DIL-24/4P | TTLB | 0C/+70C | +5V | 600TPMW | TTL | TTL | 9423BC | 9423PC |
| FAS | DIL-40/2C | I3L | 0C/+70C | +5V | 1MXW | TTL | TTL | | 9440DC |
| FAS | FLP-16/3C | ECL | 0C/+70C | -5.2V | | ECL | ECL | | 10414FC |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10432 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10453 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10696 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10706 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10736/15380 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10738 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10788 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10789 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10809 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10814 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10815 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10817 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10929 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10930 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10932 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 10936 |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 11049 |
| ROK | QIL-42/1 | | 0C/+70C | | | | | | 11660 (PPS-4/2) |
| ROK | | | | | | | | | 11696 |
| ROK | | | | | | | | | 11806 (PPS-8CPU) |
| ROK | | | | | | | | | 12660 (PPS-4CPU) |
| ROK | | | | | | | | | 12806-PPS8/2CPU |
| ROK | QIL-42/1 | PMOS | 0C/+70C | -15V | | PMOS | PMOS | | 15380 |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102A-4 | 21021DC |
| FAS | DIL-16/1C | NMOS | -55C/+85C | +5V | 70MXMA | TTL | TTL/TS | D2102A-4 | 21021DL |
| FAS | DIL-16/1C | NMOS | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | M2102-4I | 21021DM |
| FAS | FLP-16/3C | NMOS | -55C/+125C | +5V | 70MXMA | TTL | TTL/TS | | 21021FM |
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2102A-4 | 21021PC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | D2102A-6 | 21022DC |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2102A-6 | 21022DL |
| FAS | DIL-16/1C | NMOS | 0C/+70C | +5V | 70MXMA | TTL | TTL/TS | D2102A-6 | 21022DM |
| FAS | FLP-16/3C | NMOS | -55C/+175C | +5V | 70MXMA | TTL | TTL/TS | | 21022FM |
| FAS | DIL-16/1P | NMOS | 0C/+70C | +5V | 55MXMA | TTL | TTL/TS | P2102A-6 | 21022PC |
| MMI | FLP-16/3C | STLB | -55C/+125C | +5V | 105MXMA | TTL | TTL/OC | AM29700FM | 29700FM |
| MMI | DIL-16/1C | STLB | 0C/+75C | +5V | 105MXMA | TTL | TTL/OC | AM29700DC | 29700JC |
| MMI | DIL-16/1C | STLB | -55C/+125C | +5V | 105MXMA | TTL | TTL/OC | AM29700DM | 29700JM |
| MMI | DIL-16/1P | STLB | 0C/+75C | +5V | 105MXMA | TTL | TTL/OC | AM29700PC | 29700NC |
| MMI | FLP-16/3C | STLB | -55C/+125C | +5V | 100TPMA | TTL | TTL/TS | AM29701FM | 29701FM |
| MMI | DIL-16/1C | STLB | 0C/+75C | +5V | 105MXMA | TTL | TTL/TS | AM29701DC | 29701JC |
| MMI | DIL-16/1C | STLB | -55C/+125C | +5V | 105MXMA | TTL | TTL/TS | AM29701DM | 29701JM |
| MMI | DIL-16/1P | STLB | 0C/+75C | +5V | 105MXMA | TTL | TTL/TS | AM29701PC | 29701NC |
| MMI | FLP-16/3C | STLB | -55C/+125C | +5V | 105MXMA | TTL | TTL/OC | AM29702FM | 29702FM |
| MMI | DIL-16/1C | STLB | 0C/+75C | +5V | 105MXMA | TTL | TTL/OC | AM29702JC | 29702JC |
| MMI | DIL-16/1C | STLB | -55C/+125C | +5V | 105MXMA | TTL | TTL/OC | AM29702JM | 29702JM |
| MMI | DIL-16/1P | STLB | 0C/+75C | +5V | 105MXMA | TTL | TTL/OC | AM29702PC | 29702NC |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|---|--------------------|
| 29703FM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 30NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| 29703JC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 25NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| 29703JM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 30NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| 29703NC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 25NS/4X 1CS ADDRESS LINES/INV. | 2900 |
| 32581DC | CHRGN | 7X5BIT | 64X7X5 CHAR. GENERATOR MROM/MAX. ACCESS 550NS | GEN. PURP. |
| 32581PC | CHRGN | 7X5BIT | 64X7X5 CHAR. GENERATOR MRUM/MAX. ACCESS 550NS | GEN. PURP. |
| 32582DC | CHRGN | 7X5BIT | 64X7X5 CHAR. GENERATOR MROM/MAX. ACCESS 625NS | GEN. PURP. |
| 32582PC | CHRGN | 7X5BIT | 64X7X5 CHAR. GENERATOR MROM/MAX. ACCESS 625NS | GEN. PURP. |
| 33511DC | FIFO | 9-BIT | 360=40X9/FIRST IN FIRST OUT MEMORY/0-2MHZ | GEN. PURP. |
| 33512DC | FIFO | 9-BIT | 360=40X9/FIRST IN FIRST OUT MEMORY/0-1MHZ | GEN. PURP. |
| 33512DL | FIFO | 9-BIT | 360=40X9/FIRST IN FIRST OUT MEMORY/0-1MHZ | GEN. PURP. |
| 33512DM | FIFO | 9-BIT | 360=40X9/FIRST IN FIRST OUT MEMORY/0-1MHZ | GEN. PURP. |
| 35141DC | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 850NS/9 ADDRESS 4CS LINES | GEN. PURP. |
| 35142DC | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 1uS /9 ADDRESS 4CS LINES | GEN. PURP. |
| 35391DC | SRAM | 8-BIT | 2K=256X8/MAX. ACCESS 400NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| 35392DC | SRAM | 8-BIT | 2K=256X8/MAX. ACCESS 500NS/8 ADDRESS 2CS LINES | GEN. PURP. |
| 38431DC | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/3.2uS CLOCK | GEN. PURP. |
| 38431DL | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/6.3uS CLOCK | GEN. PURP. |
| 38431DM | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/6.3uS CLOCK | GEN. PURP. |
| 38431PC | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/3.2uS CLOCK | GEN. PURP. |
| 38432DC | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/6.3uS CLOCK | GEN. PURP. |
| 38432DL | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/12.5uS CLOCK | GEN. PURP. |
| 38432DM | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/12.5uS CLOCK | GEN. PURP. |
| 38432PC | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/6.3uS CLOCK | GEN. PURP. |
| 38433DC | USAPT | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/12.5uS CLOCK | GEN. PURP. |
| 38433DL | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/25uS CLOCK | GEN. PURP. |
| 38433DM | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER 25uS CLOCK | GEN. PURP. |
| 38433PC | USART | 5-8BIT | UNIV. SYNCH. OR ASYNCH. RECEIVER AND TRANSMITTER/12.5uS CLOCK | GEN. PURP. |
| 40962DC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 200NS/6 ADDRESS MULTIPLEXED 1CS 2 STROBES | F8 |
| 40963DC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 250NS/6 ADDRESS MULTIPLEXED 1CS 2 STROBES | F8 |
| 40964DC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 300NS/6 ADDRESS MULTIPLEXED 1CS 2 STROBES | F8 |
| 40965DC | DRAM | 1-BIT | 4K=4096X1/MAX. ACCESS 350NS/6 ADDRESS MULTIPLEXED 1CS 2 STROBES | F8 |
| 93403DC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/ | GEN. PURP. |
| 93403DM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS/ | GEN. PURP. |
| 93403FM | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS | GEN. PURP. |
| 93403PC | SRAM | 4-BIT | 64=16X4/MAX. ACCESS 60NS | GEN. PURP. |
| 93410ADC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93410APC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93410DC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93410DM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 70NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93410FM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93410PC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93411ADC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93411APC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 45NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93411DC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 55NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93411DM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 66NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93411DMGB | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 65NS/4X 4Y 3CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| 93411FM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 65NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93411PC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 55NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93412DC | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/5X 3Y ADDRESS 2CS LINES | GEN. PURP. |
| 93412DM | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/5X 3Y ADDRESS 2CS LINES | GEN. PURP. |
| 93412FM | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93412PC | SRAM | 4-BIT | 1K=256X4/TYP. ACCESS 30NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93415ADC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 30NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93415ADM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93415ADMQB | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| 93415APC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 30NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93415DC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93415DM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93415FM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93415PC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93417DC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 45NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93417DM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93417DMQB | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| 93417FM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93417PC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 45NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93419DC | SRAM | 9-BIT | 576=64X9/MAX. ACCESS 45NS/5X 1Y 1CS ADDRESS LINES/INVERTED O-P | GEN. PURP. |
| 93419DM | SRAM | 9-BIT | 576=64X9/MAX. ACCESS 60NS/5X 1Y 1CS ADDRESS LINES/INVERTED O-P | GEN. PURP. |
| 93419DMQB | SRAM | 9-BIT | 576=64X9/MAX. ACCESS 60NS/5X 1Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| 93421ADC | SRAM | 1-BIT | 256X1/MAX. ACCESS 40NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93421APC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 40NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93421DC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93421DM | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93421DMQB | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 60NS/4X 4Y 3CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| 93421FM | SRAM | 1-BIT | 256X1/MAX. ACCESS 60NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| MMI | FLP-16/3C | STLB | -55C/+125C | . . . +5V | 105MXMA | . TTL | TTL/TS | AM29703FM | 29703FM |
| MMI | DIL-16/1C | STLB | OC/+70C | . . . +5V | 105MXMA | . TTL | TTL/TS | AM29703DC | 29703JC |
| MMI | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 105MXMA | . TTL | TTL/TS | AM29703DM | 29703JM |
| MMI | DIL-16/1P | STLB | OC/+75C | . . . +5V | 105MXMA | . TTL | TTL/TS | AM29703NC | 29703NC |
| FAS | DIL-16/1C | PMOS | OC/+70C | . . . -12V/+5V | . . . | . TTL | . TTL | . . . | 32581DC |
| FAS | DIL-16/1P | PMOS | OC/+70C | . . . +5V | . . . | . TTL | . TTL | . . . | 32581PC |
| FAS | DIL-16/1C | PMOS | OC/+70C | . . . -12V/+5V | . . . | . TTL | . TTL | . . . | 32582DC |
| FAS | DIL-16/1P | PMOS | OC/+70C | . . . -12V/+5V | . . . | . TTL | . TTL | . . . | 32582PC |
| FAS | DIL- C | PMOS | OC/+70C | . . . -12V/+5V | 420MXMW | . TTL | . TTL | . . . | 33511DC |
| FAS | DIL-28/2C | PMOS | OC/+70C | . . . -12V/+5V | 520MXMW | . TTL | . TTL | 33511DC | 33512DC |
| FAS | DIL-28/2C | PMOS | -55C/+85C | . . . -12V/+5V | 520MXMW | . TTL | . TTL | . . . | 33512DL |
| FAS | DIL-28/2C | PMOS | -55C/+125C | . . . -12V/+5V | 520MXMW | . TTL | . TTL | . . . | 33512DM |
| FAS | DIL-24/2C | PMOS | OC/+70C | . . . -12V/+5V | 580MXMW | . TTL | TTL/TS | AM35141DC | 35141DC |
| FAS | DIL-24/2C | PMOS | OC/+70C | . . . -12V/+5V | 580MXMW | . TTL | TTL/TS | AM35142DC | 35142DC |
| FAS | DIL-22/2C | NMOS | OC/+70C | . . . +5V | 500MXMW | . TTL | . TTL | MK3539 | 35391DC |
| FAS | DIL-22/2C | NMOS | OC/+70C | . . . +5V | 500MXMW | . TTL | . TTL | MK3539 | 35392DC |
| FAS | DIL-28/2C | NMOS | OC/+70C | . . . +5V/+12V | 500MXMA | . TTL | TTL/TS | . . . | 38431DC |
| FAS | DIL-28/2C | NMOS | -55C/+85C | . . . +5V/+12V | 500MXMA | . TTL | TTL/TS | . . . | 38431DL |
| FAS | DIL-28/2C | NMOS | -55C/+125C | . . . +5V/+12V | 500MXMW | . TTL | TTL/TS | . . . | 38431DM |
| FAS | DIL-28/2P | NMOS | OC/+70C | . . . +5V/+12V | 500MXMA | . TTL | TTL/TS | . . . | 38431PC |
| FAS | DIL-28/2C | NMOS | OC/+70C | . . . +5V/+12V | 500MXMA | . TTL | TTL/TS | . . . | 38432DC |
| FAS | DIL-28/2C | NMOS | -55C/+85C | . . . +5V/+12V | 500MXMA | . TTL | TTL/TS | . . . | 38432DL |
| FAS | DIL-28/2C | NMOS | -55C/+125C | . . . +5V/+12V | 500MXMA | . TTL | TTL/TS | . . . | 38432DM |
| FAS | DIL-28/2P | NMOS | OC/+70C | . . . +5V/+12V | 500MXMA | . TTL | TTL/TS | . . . | 38432PC |
| FAS | DIL-28/2C | NMOS | OC/+70C | . . . +5V/+12V | 500MXMA | . TTL | TTL/TS | . . . | 38433DC |
| FAS | DIL-28/2C | NMOS | -55C/+85C | . . . +5V/+12V | 500MXMA | . TTL | TTL/TS | . . . | 38433DL |
| FAS | DIL-28/2C | NMOS | -55C/+125C | . . . +5V/+12V | 50MXMA | . TTL | TTL/TS | . . . | 38433DM |
| FAS | DIL-28/2P | NMOS | OC/+70C | . . . +5V/+12V | 500MXMA | . TTL | TTL/TS | . . . | 38433PC |
| FAS | DIL-16/1M | NMOS | OC/+70C | . . . -5V/+5V/+12V | 25MXMA | . TTL | TTL/TS | MK4096P-6 | 40962DC |
| FAS | DIL-16/1M | NMOS | OC/+70C | . . . -5V/+5V/+12V | 35MXMA | . TTL | TTL/TS | MK4096P-6 | 40963DC |
| FAS | DIL-16/1M | NMOS | OC/+70C | . . . -5V/+5V/+12V | 30MXMA | . TTL | TTL/TS | MK4096P-16 | 40964DC |
| FAS | DIL-16/1M | NMOS | OC/+70C | . . . -5V/+5V/+12V | 27MXMA | . TTL | TTL/TS | MK4096P-16 | 40965DC |
| ADM | DIL-16/1C | TTLB | OC/+70C | . . . +5V | . . . | . TTL | TTL/OC | . . . | 93403DC |
| ADM | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | . . . | . TTL | TTL/OC | . . . | 93403DM |
| ADM | FLP-16/3G | TTLB | -55C/+125C | . . . +5V | . . . | . TTL | TTL/TS | . . . | 93403FM |
| ADM | DIL-16/1P | TTLB | OC/+70C | . . . +5V | . . . | . TTL | TTL/OC | . . . | 93403PC |
| FAS | DIL-16/1C | TTLB | OC/+75C | . . . +5V | 140MXMA | . TTL | TTL/OC | . . . | 93410ADC |
| FAS | DIL-16/1P | TTLB | -55C/+125C | . . . +5V | 145MXMA | . TTL | TTL/OC | . . . | 93410APC |
| FAS | DIL-16/1C | TTLB | OC/+75C | . . . +5V | 135MXMA | . TTL | TTL/OC | . . . | 93410DC |
| FAS | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 145MXMA | . TTL | TTL/OC | . . . | 93410DM |
| FAS | FLP-16/3C | TTLB | -55C/+125C | . . . +5V | 145MXMA | . TTL | TTL/OC | . . . | 93410FM |
| FAS | DIL-16/1C | TTLB | OC/+75C | . . . +5V | 135MXMA | . TTL | TTL/OS | . . . | 93410PC |
| FAS | DIL-16/1C | TTLB | OC/+75C | . . . +5V | 135MXMA | . TTL | TTL/OC | N82S17F | 93411ADC |
| FAS | DIL-16/1P | TTLB | OC/+75C | . . . +5V | 135MXMA | . TTL | TTL/OC | N82S17B | 93411APC |
| FAS | DIL-16/1C | TTLB | OC/+75C | . . . +5V | 124MXMA | . TTL | TTL/OC | N28S17F | 93411DC |
| FAS | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 143MXMA | . TTL | TTL/OC | S82S17F | 93411DM |
| FAS | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 143MXMA | . TTL | TTL/OC | . . . | 93411DMQB |
| FAS | FLP-16/3C | TTLB | -55C/+125C | . . . +5V | 143MXMA | . TTL | TTL/OC | . . . | 93411FM |
| FAS | DIL-16/1P | TTLB | OC/+75C | . . . +5V | 124MXMA | . TTL | TTL/OC | N82S17B | 93411PC |
| FAS | DIL-22/4C | TTLB | OC/+70C | . . . +5V | 475TPMW | . TTL | TTL/OC | 93L412DC | 93412DC |
| FAS | DIL-22/4C | TTLB | -55C/+125C | . . . +5V | 475TPMW | . TTL | TTL/OC | 93L412DM | 93412DM |
| FAS | DIL-22/4C | TTLB | -55C/+125C | . . . +5V | 475TPMW | . TTL | TTL/OC | 93L412FM | 93412FM |
| FAS | DIL-22/4P | TTLB | OC/+70C | . . . +5V | 475TPMW | . TTL | TTL/OC | 93L412DC | 93412PC |
| FAS | DIL-16/1C | TTLB | OC/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | MMI93415A | 93415ADC |
| FAS | DIL-16/1M | TTLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | 93415ADM |
| FAS | DIL-16/1M | TTLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | . . . | 93415ADMQB |
| FAS | DIL-16/1P | TTLB | OC/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | MMI93415A | 93415APC |
| FAS | DIL-16/1C | TTLB | OC/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S10F | 93415DC |
| FAS | DIL-16/1C | TTLB | OC/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S10F | 93415DM |
| FAS | FLP-16/3C | TTLB | -55C/+125C | . . . +5V | 170MXMA | . TTL | TTL/OC | 93L415FM | 93415FM |
| FAS | DIL-16/1P | TTLB | OC/+75C | . . . +5V | 170MXMA | . TTL | TTL/OC | N82S10N | 93415PC |
| FAS | DIL-16/1C | STLB | OC/+75C | . . . +5V | 110MXMA | . TTL | TTL/OC | 63S140J | 93417DC |
| FAS | DIL-16/1C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/OC | 53S140J | 93417DM |
| FAS | DIL-16/1M | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/OC | . . . | 93417DMQB |
| FAS | FLP-16/3C | STLB | -55C/+125C | . . . +5V | 110MXMA | . TTL | TTL/OC | 53S140F | 93417FM |
| FAS | DIL-16/1P | STLB | OC/+75C | . . . +5V | 110MXMA | . TTL | TTL/OC | 63S140N | 93417PC |
| FAS | DIL-28/2C | TTLB | OC/+75C | . . . +5V | 200MXMA | . TTL | TTL/OC | . . . | 93419DC |
| FAS | DIL-28/2C | TTLB | -55C/+125C | . . . +5V | 210MXMA | . TTL | TTL/OC | . . . | 93419DM |
| FAS | DIL-28/2C | TTLB | -55C/+125C | . . . +5V | 210MXMA | . TTL | TTL/OC | . . . | 93419DMQB |
| RAY | DIL-16/1C | TTLB | OC/+75C | . . . +5V | 135MXMA | . TTL | TTL/TS | N82S116F | 93421ADC |
| FAS | DIL-16/1P | TTLB | OC/+75C | . . . +5V | 135MXMA | . TTL | TTL/TS | N82S116N | 93421APC |
| FAS | DIL-16/1C | TTLB | OC/+75C | . . . +5V | 135MXMA | . TTL | TTL/TS | N82S116F | 93421DC |
| FAS | DIL-16/1C | TTLB | -55C/+125C | . . . +5V | 143MXMA | . TTL | TTL/TS | S82S116F | 93421DM |
| FAS | DIL-16/1M | TTLB | -55C/+125C | . . . +5V | 143MXMA | . TTL | TTL/TS | . . . | 93421DMQB |
| RAY | FLP-16/3G | TTLB | -55C/+125C | . . . +5V | 143MXMW | . TTL | TTL/TS | . . . | 93421FM |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| 93421PC | SRAM | 1-BIT | 256=256X1/MAX. ACCESS 50NS/4X 4Y 3CS ADDRESS LINES | GEN. PURP. |
| 93422DC | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93422DM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93422FM | SRAM | 4-BIT | 1K=256X4/MAX. ACCESS 75NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93422PC | SRAM | 4-BIT | 1K=256X1/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93425ADC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 30NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93425APC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 30NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93425DC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93425DM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93425DMQB | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES/MIL STD 883 | GEN. PURP. |
| 93425FM | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 60NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93425PC | SRAM | 1-BIT | 1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES | GEN. PURP. |
| 93427DC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 45NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93427DM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93427DMQB | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES/ MIL STD 883 | GEN. PURP. |
| 93427FM | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93427PC | PROM | 4-BIT | 1K=256X4/MAX. ACCESS 45NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93431DC | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| 93431DM | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| 93431FM | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| 93431PC | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| 93432DC | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 55NS/6X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| 93432DM | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/6X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| 93432FM | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/6X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| 93432PC | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 55NS/6X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| 93436DC | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/6X 3Y 1CS ADDRESS LINES | F8 |
| 93436DM | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/6X 3Y 1CS ADDRESS LINES | F8 |
| 93436DMQB | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/6X 3Y 1CS ADDRESS LINES/ MIL STD 883 | F8 |
| 93436FM | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/6X 3Y 1CS ADDRESS LINES | F8 |
| 93436PC | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/6X 3Y 1CS ADDRESS LINES | F8 |
| 93438DC | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 55NS/6X 3Y 4CS ADDRESS LINES | F8 |
| 93438DM | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/6X 3Y 4CS ADDRESS LINES | F8 |
| 93438DMQB | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/6X 3Y 4CS ADDRESS LINES/ MIL STD 883 | F8 |
| 93438FM | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/6X 3Y 4CS ADDRESS LINES | F8 |
| 93438PC | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 55NS/6X 3Y 4CS ADDRESS LINES | F8 |
| 93441DC | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/6X 3Y 1CS ADDRESS LINES | GEN. PURP. |
| 93441DM | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/6X 3Y 1CS ADDRESS LINES | F8 |
| 93441FM | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/6X 3Y 1CS ADDRESS LINES | F8 |
| 93441PC | MROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/6X 3Y 1CS ADDRESS LINES | F8 |
| 93442DC | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 55NS/6X 3Y 4CS ADDRESS LINES | F8 |
| 93442DM | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/6X 3Y 4CS ADDRESS LINES | F8 |
| 93442FM | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/6X 3Y 4CS ADDRESS LINES | F8 |
| 93442PC | MROM | 8-BIT | 4K=512X8/MAX. ACCESS 55NS/6X 3Y 4CS ADDRESS LINES | F8 |
| 93446DC | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/6X 3Y 1CS ADDRESS LINES | F8 |
| 93446DM | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 60NS/6X 3Y 1CS ADDRESS LINES | F8 |
| 93446FM | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/6X 3Y 1CS ADDRESS LINES | F8 |
| 93446PC | PROM | 4-BIT | 2K=512X4/MAX. ACCESS 50NS/6X 3Y 1CS ADDRESS LINES | F8 |
| 93448DC | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 55NS/6X 3Y 4CS ADDRESS LINES | F8 |
| 93448DM | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/6X 3Y 4CS ADDRESS LINES | F8 |
| 93448FM | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 70NS/6X 3Y 4CS ADDRESS LINES | F8 |
| 93448PC | PROM | 8-BIT | 4K=512X8/MAX. ACCESS 55NS/6X 3Y 4CS ADDRESS LINES | F8 |
| 93452DC | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 35NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| 93452DM | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 35NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| 93452FM | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 35NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| 93453DC | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 35NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| 93453DM | PROM | 4-BIT | 4K=1024X4/TYP. ACCESS 35NS/6X 4Y 2CS ADDRESS LINES | GEN. PURP. |
| 93454DC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 45NS/7X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| 93454DM | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 60NS/7X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| 93454FM | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 60NS/7X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| 93454PC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 45NS/7X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| 93457DC | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 45NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93457DM | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93457FM | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93457PC | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 45NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93464DC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 45NS/7X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| 93464DM | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 60NS/7X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| 93464FM | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 60NS/7X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| 93464PC | MROM | 8-BIT | 8K=1024X8/MAX. ACCESS 45NS/7X 3Y 4CS ADDRESS LINES | GEN. PURP. |
| 93467DC | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 45NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93467DM | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 60NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93467PC | MROM | 4-BIT | 1K=256X4/MAX. ACCESS 45NS/5X 3Y 2CS ADDRESS LINES | GEN. PURP. |
| 93470DC | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 55NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 93470DM | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 30NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| FAS | DIL-16/1P | TTLB | 0C/+75C | +5V | 124MXMA | TTL | TTL/TS | N82S116N | 93421PC |
| FAS | DIL-22/4C | TTLB | 0C/+70C | +5V | 475TPMW | TTL | TTL/TS | 93L422DC | 93422DC |
| FAS | DIL-22/4C | TTLB | -55C/+125C | +5V | 475TPMW | TTL | TTL/TS | 93L422DM | 93422DM |
| FAS | FLP-22/4C | TTLB | -55C/+125C | +5V | 475TPMW | TTL | TTL/TS | 93L422FM | 93422FM |
| FAS | DIL-22/4P | TTLB | 0C/+70C | +5V | 475TPMW | TTL | TTL/TS | 93L422DC | 93422PC |
| FAS | DIL-16/1C | TTLB | 0C/+75C | +5V | 155MXMA | TTL | TTL/TS | N82S111F | 93425ADC |
| FAS | DIL-16/1P | TTLB | 0C/+75C | +5V | 155MXMA | TTL | TTL/TS | N82S111N | 93425APC |
| FAS | DIL-16/1C | TTLB | 0C/+75C | +5V | 155MXMA | TTL | TTL/TS | N82S111F | 93425DC |
| FAS | DIL-16/1C | TTLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | S82S111F | 93425DM |
| FAS | DIL-16/1G | TTLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | | 93425DMQB |
| FAS | FLP-16/3C | TTLB | -55C/+125C | +5V | 170MXMA | TTL | TTL/TS | | 93425FM |
| FAS | DIL-16/1P | TTLB | 0C/+70C | +5V | 155MXMA | TTL | TTL/TS | N82S111N | 93425PC |
| FAS | DIL-16/1C | STLB | 0C/+75C | +5V | 110MXMA | TTL | TTL/TS | 63S141J | 93427DC |
| FAS | DIL-16/1C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | 63S141J | 93427DM |
| FAS | FLP-16/3G | TTLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | | 93427DMQB |
| FAS | FLP-16/3C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | 53S141F | 93427FM |
| FAS | DIL-16/1P | STLB | 0C/+75C | +5V | 110MXMA | TTL | TTL/TS | 63S141N | 93427PC |
| FAS | DIL-16/1C | STLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/OC | N82S130F | 93431DC |
| FAS | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | S82S130F | 93431DM |
| FAS | FLP-16/3C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | | 93431FM |
| FAS | DIL-16/1P | STLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/OC | N82S130N | 93431PC |
| FAS | DIL-24/2C | STLB | 0C/+75C | +5V | 175MXMA | TTL | TTL/OC | | 93432DC |
| FAS | DIL-24/2C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/OC | | 93432DM |
| FAS | FLP-24/4C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/OC | | 93432FM |
| FAS | DIL-24/2C | STLB | 0C/+75C | +5V | 175MXMA | TTL | TTL/OC | | 93432PC |
| FAS | DIL-16/1C | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | N82S130F | 93436DC |
| FAS | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | S82S130F | 93436DM |
| FAS | DIL-16/1C | TTLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | | 93436DMQB |
| FAS | FLP-16/3C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/OC | | 93436FM |
| FAS | DIL-16/1P | STLB | 0C/+70C | +5V | 130MXMA | TTL | TTL/OC | N82S130N | 93436PC |
| FAS | DIL-24/2C | STLB | 0C/+75C | +5V | 175MXMA | TTL | TTL/OC | N82S140F | 93438DC |
| FAS | DIL-24/2C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/OC | S82S140F | 93438DM |
| FAS | DIL-24/2M | TTLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/OC | | 93438DMQB |
| FAS | FLP-24/4C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/OC | | 93438FM |
| FAS | DIL-24/2P | STLB | 0C/+75C | +5V | 175MXMA | TTL | TTL/OC | N82S140N | 93438PC |
| FAS | DIL-16/1C | STLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/TS | N82S131F | 93441DC |
| FAS | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | S82S131F | 93441DM |
| FAS | FLP-16/3C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | | 93441FM |
| FAS | DIL-16/1P | STLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/TS | N82S131N | 93441PC |
| FAS | DIL-24/2C | STLB | 0C/+70C | +5V | 120MXMA | TTL | TTL/TS | N82S241F | 93442DC |
| FAS | DIL-24/2C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/TS | S82S241F | 93442DM |
| FAS | FLP-24/4C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/TS | | 93442FM |
| FAS | DIL-24/2P | STLB | 0C/+70C | +5V | 175MXMA | TTL | TTL/TS | N82S241N | 93442PC |
| FAS | DIL-16/1C | STLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/TS | N82S131F | 93446DC |
| FAS | DIL-16/1C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | S82S131F | 93446DM |
| FAS | FLP-16/3C | STLB | -55C/+125C | +5V | 130MXMA | TTL | TTL/TS | | 93446FM |
| FAS | DIL-16/1P | STLB | 0C/+75C | +5V | 130MXMA | TTL | TTL/TS | N82S131N | 93446PC |
| FAS | DIL-24/2C | STLB | 0C/+70C | +5V | 175MXMA | TTL | TTL/TS | N82S141F | 93448DC |
| FAS | DIL-24/2C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/TS | S82S141F | 93448DM |
| FAS | FLP-24/4C | STLB | -55C/+125C | +5V | 175MXMA | TTL | TTL/TS | | 93448FM |
| FAS | DIL-24/2P | STLB | 0C/+70C | +5V | 175MXMA | TTL | TTL/TS | N82S141N | 93448PC |
| FAS | DIL-18/1C | STLB | 0C/+75C | +5V | 130TPMA | TTL | TTL/OC | N82S136F | 93452DC |
| FAS | DIL-18/1C | STLB | -55C/+125C | +5V | 130TPMA | TTL | TTL/OC | S82S136F | 93452DM |
| FAS | FLP-18/3C | STLB | -55C/+125C | +5V | 130TPMA | TTL | TTL/OC | | 93452FM |
| FAS | DIL-18/1C | STLB | 0C/+75C | +5V | 130TPMA | TTL | TTL/OC | N82S137F | 93453DC |
| FAS | DIL-18/1C | STLB | -55C/+125C | +5V | 130TPMA | TTL | TTL/TS | S82S137F | 93453DM |
| FAS | FLP-18/3C | STLB | -55C/+125C | +5V | 130TPMA | TTL | TTL/TS | | 93453FM |
| FAS | DIL-24/2C | STLB | 0C/+75C | +5V | 150MXMA | TTL | TTL/OC | N82S280F | 93454DC |
| FAS | DIL-24/2C | STLB | -55C/+125C | +5V | 150MXMA | TTL | TTL/OC | S82S280F | 93454DM |
| FAS | FLP-24/4C | STLB | -55C/+125C | +5V | 150MXMA | TTL | TTL/OC | | 93454FM |
| FAS | DIL-24/2P | STLB | 0C/+75C | +5V | 150MXMA | TTL | TTL/OC | N82S280N | 93454PC |
| FAS | DIL-16/1C | STLB | 0C/+75C | +5V | 110MXMA | TTL | TTL/OC | N82S126F | 93457DC |
| FAS | DIL-16/1C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/OC | S82S126F | 93457DM |
| FAS | FLP-16/3C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/OC | | 93457FM |
| FAS | DIL-16/1P | STLB | 0C/+75C | +5V | 110MXMA | TTL | TTL/OC | N82S126N | 93457PC |
| FAS | DIL-24/2C | STLB | 0C/+75C | +5V | 150MXMA | TTL | TTL/TS | N82S281F | 93464DC |
| FAS | DIL-24/2C | STLB | -55C/+125C | +5V | 150MXMA | TTL | TTL/TS | S82S281F | 93464DM |
| FAS | FLP-24/4C | STLB | -55C/+125C | +5V | 150MXMA | TTL | TTL/TS | | 93464FM |
| FAS | DIL-24/2P | STLB | 0C/+75C | +5V | 150MXMA | TTL | TTL/TS | N82S281N | 93464PC |
| FAS | DIL-16/1C | STLB | 0C/+75C | +5V | 110MXMA | TTL | TTL/TS | N82S129F | 93467DC |
| FAS | DIL-16/1C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | S82S129F | 93467DM |
| FAS | FLP-16/3C | STLB | -55C/+125C | +5V | 110MXMA | TTL | TTL/TS | | 93467FM |
| FAS | DIL-16/1P | STLB | 0C/+75C | +5V | 110MXMA | TTL | TTL/TS | N82S129N | 93467PC |
| FAS | DIL-18/1C | TTLB | 0C/+75C | +5V | 190MXMA | TTL | TTL/OC | | 93470DC |
| FAS | DIL-18/1C | TTLB | -55C/+125C | +5V | 475TPMW | TTL | TTL/OC | | 93470DM |

| DEVICE TYPE NO | FUNCTION app A | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY app B |
|----------------|----------------|------------------|--|--------------------|
| 93470PC | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 55NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 93471DC | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 55NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 93471DM | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 30NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 93471PC | SRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 55NS/6X 6Y 1CS ADDRESS LINES | GEN. PURP. |
| 93481ADC | DRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 60NS/7 ADDRESS MULTIPLEXED 2CS LINES | GEN. PURP. |
| 93481ADM | DRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 80NS/7 ADDRESS MULTIPLEXED 2CS LINES | GEN. PURP. |
| 93481AFM | DRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 80NS/7 ADDRESS MULTIPLEXED 2CS LINES | GEN. PURP. |
| 93481APC | DRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 60NS/7 ADDRESS MULTIPLEXED 2CS LINES | GEN. PURP. |
| 93481DC | DRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 90NS/7 ADDRESS MULTIPLEXED 2CS LINES | GEN. PURP. |
| 93481DM | DRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 90NS/7 ADDRESS MULTIPLEXED 2CS LINES | GEN. PURP. |
| 93481FM | DRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 90NS/7 ADDRESS MULTIPLEXED 2CS LINES | GEN. PURP. |
| 93481PC | DRAM | 1-BIT | 4K=4096X1/TYP. ACCESS 90NS/7 ADDRESS MULTIPLEXED 2CS LINES | GEN. PURP. |
| 100414DC | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 7NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| 100414FC | SRAM | 1-BIT | 256=256X1/TYP. ACCESS 7NS/8 ADDRESS 3CS LINES | GEN. PURP. |
| 100415FC | SRAM | 1-BIT | 1K=1024X1/TYP. ACCESS 12NS/10 ADDRESS 1CS LINES | GEN. PURP. |

| MKR app C | PACKAGE app E | LSI TYPE app D | OPERATING TEMPERATURE RANGE | D. C. SUPPLY VOLTAGES | QUIESC PWR (max) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO |
|-----------------|------------------|----------------------|-----------------------------------|-----------------------------|------------------------|--------------------------|---------------------------|------------|----------------------|
| FAS | DIL-18/1P | TTLB | 0C/+75C | . . +5V | 190MXMA | . TTL | TTL/OC | . . | 93470PC |
| FAS | DIL-18/1C | TTLB | 0C/+75C | . . +5V | 190MXMA | . TTL | TTL/TS | . . | 93471DC |
| FAS | DIL-18/1C | TTLB | -55C/+125C | . . +5V | 800TPMW | . TTL | TTL/TS | . . | 93471DM |
| FAS | DIL-18/1P | TTLB | 0C/+75C | . . +5V | 190MXMA | . TTL | TTL/TS | . . | 93471PC |
| FAS | DIL-18/1C | I2LB | 0C/+75C | . . +5V | 100TPMA | . TTL | TTL/TS | . . | 93481ADC |
| FAS | DIL-16/1C | I2LB | -55C/+125C | . . +5V | 350TPMW | . TTL | TTL/TS | . . | 93481ADM |
| FAS | FLP-16/3C | I2LB | -55C/+125C | . . +5V | 350TPMW | . TTL | TTL/TS | . . | 93481AFM |
| FAS | DIL-16/1C | I2LB | 0C/+70C | . . +5V | 350TPMW | . TTL | TTL/TS | 93481ADC | 93481APC |
| FAS | DIL-16/1C | TTLB | 0C/+75C | . . +5V | 100TPMA | . TTL | TTL/TS | 93481ADC | 93481DC |
| FAS | DIL-16/1C | TTLB | -55C/+125C | . . +5V | 350TPMW | . TTL | TTL/TS | 93481ADM | 93481DM |
| FAS | FLP-16/3C | TTLB | -55C/+125C | . . +5V | 350TPMW | . TTL | TTL/TS | 93481AFM | 93481FM |
| FAS | DIL-16/1P | I2LB | 0C/+75C | . . +5V | 100TPMA | . TTL | TTL/TS | . . | 93481PC |
| FAS | DIL-16/1C | ECL | 0C/+85C | . -5.2V | 500TPMW | . ECL | . ECL | . . | 100414DC |
| FAS | FLP-16/3C | ECL | 0C/+85C | . -5.2V | 500TPMW | . ECL | . ECL | . . | 100414FC |
| FAS | FLP-24/4C | ECL | 0C/+85C | . -5.2V | 500TPMW | . ECL | . ECL | . . | 100415FC |

Appendix A

Microprocessor Chip Applications (and Codings)

| | | | |
|-------|---|--------|---|
| ACIA | Asynchronous communications interface adapter | ITRPC | Interrupt control unit |
| ADCVR | Analog-digital converter | KBENC | Keyboard encoder/decoder |
| ANLGS | Analog switch | KBDESC | Keyboard and/or display controller |
| ALU | Arithmetic logic unit | KBPRC | Keyboard and printer controller |
| ARU | Arithmetic unit | | |
| | | LATCH | Latch buffer |
| BUFFR | Buffer | LAHCG | Look-ahead carry generator |
| | | LIFO | Last-in, first-out memory |
| CAM | Content-addressable memory | LVLSH | Level shifter |
| CDCVR | Code converter | | |
| CHRGN | Character-generator ROM | MAGTC | Magnetic tape controller |
| CLOCK | Clock generator | MCU | Microprogram control unit |
| COMBO | Combination support chip | MEM | Memory |
| COMMS | Communications interface | MEMCT | Memory controller |
| CPEBS | Central processing element, bit slice | MEMIO | Memory plus input/output |
| CPU | Central processing unit | MICMP | Microcomputer |
| CROM | Control read-only memory | MICTR | Microcontroller |
| CRCGR | Cyclic redundancy check generator/checker | MMU | Memory management unit |
| CRTC | CRT controller | MODEM | Modem (modulator/demodulator) |
| CSTPC | Cassette (magnetic tape) controller | MPLA | Mask-programmable logic array |
| CTC | Counter/timer circuit | MPU | Microprocessor unit |
| | | MROM | Mask-programmable read-only memory |
| DALKC | Data link controller | MUX | Multiplexer |
| DACVR | Digital-analog converter | MULTP | Multiplier |
| DECDR | Decoder | | |
| DMAC | Direct memory access controller | PAPTC | Paper-tape controller |
| DMI | Dynamic memory interface | PCI | Programmable communications interface |
| DRAM | Dynamic RAM | PERIP | Peripheral device controller |
| DREGR | D-type register | PIA | Peripheral interface adapter |
| DRVR | Driver, line or bus | PINTC | Priority interrupt controller |
| DSPLC | Display controller | PIO | Peripheral input/output interface |
| | | POWRS | Power supply |
| EAROM | Electrically alterable PROM | PLA | Programmable logic array |
| EMU | Emulator | PROM | Programmable read-only memory, fuzible-link |
| EPROM | Erasable (ultraviolet) PROM | PSU | Program storage unit |
| EXPIO | Expander, input-output | PROMP | PROM programmer |
| | | PRTRC | Printer controller |
| FIRMW | Firmware | PTM | Programmable timer-counter |
| FIFO | First-in, first-out register | | |
| FLMEM | Floppy disk memory | QBT | Quad bus transceiver |
| FLPDC | Floppy disk controller | | |
| FPGA | Field-programmable gate array | RALU | Register, arithmetic-and-logic unit |
| FPLA | Field-programmable logic array | RAM | Random access memory |
| | | RAROM | RAM, ROM, plus IP/OP |
| IFACE | Interface element | RAMIO | RAM plus IP/OP |
| IOBFR | Input-output buffer | RCVR | Receiver, line/bus |
| IOCTR | Input-output controller | REGR | Register |
| IP/OP | Input-output interface element | RMM | Read-mostly memory |

| | |
|-------|--|
| ROM | Read-only memory |
| ROMIO | ROM plus IP/OP |
| SAMP | Sense amplifier |
| SDLC | Synchronised data link controller |
| SDLNC | Synchronised data link control |
| SHFTR | Shift register |
| SIO | Serial input/output port |
| SMEM | Serial memory |
| SMI | Static memory interface |
| SOFTW | Software |
| SPECL | Special purpose (consult supplier's data) |
| SQNCR | Sequencer, microprogram |
| SRAM | Static RAM |
| SYSCT | System controller |
| TESTC | Tester, component |
| TIMER | Timer |
| TRCVR | Transceiver, line/bus |
| TTYCT | TTY controller |
| UART | Universal asynchronous receiver/transmitter |
| USRT | Universal synchronous/asynchronous receiver/transmitter |
| USRT | Universal synchronous receiver/transmitter |
| VDUC | VDU controller |

Appendix B

Microprocessor 'Families'

- A76XX See PPS-4/1
A77XX See PPS-4/1
A78XX See PPS-4/1
A7698 See PPS-4/1
A7798 See PPS-4/1
A7898 See PPS-4/1
ADIU See F100220
ALPS See LP8000
- AM2901 FAMILY** (Advanced Micro Devices, 4-bit slice, LSTL, +5V; 2nd sources=Fairchild, MMI formerly, Motorola, National, NEC, Raytheon, Signetics, Thomson-CSF)
AM2901=RALU, 16 instrns., DIL40
AM2903=Enhanced 2901, 25 instrns., DIL48
2900 family=alternate name for AM2901 family
F9409=Fairchild version of 2901
- AM2903 See AM2901
- AM29116 FAMILY** (Advanced Micro Devices, 16-bit, 1-chip CPU, NMOS, +5V, microprogrammable controller)
AM29116=RALU (with support AM29112, 2940, 2950/51)
- AM9080 See 8080
CDP1801 See CDP1802
- CDP1802 FAMILY** (RCA, 8-bit, CMOS, +4 to +12V; 2nd sources=Hughes, Solid State Scientific, Synertek)
CDP1801=2-chip-CPU version (with CDP18101), superseded in 1976 by 1-chip-CPU CDP1802
CDP1802=1-chip CPU, 91 instrns., DIL40, supported by 1821-1824, 1831-32, 1851-59, 1861
CDP1803=1-chip CPU, 91 instrns., DIL28, trimmed-down CDP1802
CDP1804=1-chip controller, 256 x 8 RAM, 2048 x 8 ROM, internal timer
CDP1806=1-chip CPU, enhanced CDP1802
COSMAC=RCA commercial name for CDP1802 family
- CDP1803 See CDP1802
CDP1804 See CDP1802
CDP1806 See CDP1802
COP402 See COPS II
COP402M See COPS II
COP411L See COPS II
COP420 See COPS II
COP420C See COPS II
COP440 See COPS II
COP444L See COPS II
COPS See MM5782, 5799
COPS I See MM5782, 5799
- COPS II FAMILY** (National Semiconductor, 4-bit, 1-chip controller, NMOS except 420C, +5V; 2nd source=Western Digital)
COPS II=family name . . . see individual COP400 series units below
COP402=64 x 4, no ROM, 23 IO lines, DIL40, romless design dev. version
COP402M=Microbus-compatible version of COP402
COP411L=32 x 4 RAM, 512 x 8 ROM, 16 IO lines, DIL20, stripped version of COP420
COP420=64 x 4 RAM, 1024 x 8 ROM, 23 IO lines, DIL28, 'midrange' unit of family
COP420C=64 x 4 RAM, 1024 x 8 ROM, 23 IO, DIL28, CMOS version of COP420
COP440=128 x 4 RAM, 2048 x 8 ROM, 35 IO, DIL40, internal ADC, 'high end'
COP 444L=128 x 4 RAM, 2048 x 8 ROM, 35 IO, DIL40, internal ADC
- COSMAC See CDP1802
- CP1600 FAMILY** (General Instrument, 16-bit, 1-chip CPU, NMOS, -3/+5/+12V, 87 instrns.; 2nd source=EMM-SEMI formerly, ITT)
CP1600=CPU, ceramic DIL40, 3.3MHz clock, 10 IO lines, supported by RO-3-9500/1/2 and IOB1680
CP1600A=ceramic DIL40, 5MHz version of CP1600
CP1610=plastic DIL40, 2MHz version of CP1600
CP1600A See CP1600
CP1610 See CP1600
- CR1872 FAMILY** (Western Digital, 4-bit, 1-chip controller, PMOS, -12V, 2nd source=none)
CR1872=32 x 4 RAM, 512 x 10 ROM, 30 IO, 91
CR2272=32 x 4 RAM, 512 x 10 ROM, DIL40, led driver
CR2872=32 x 4 RAM, no ROM, DIL64, design development ROMless CR1872
WD40=CR1872
- EA9002 FAMILY** (Electronic Arrays, 8-bit, 1-chip CPU, NMOS, +5V, 66 instrns., obsolete)
EA9002=CPU, DIL28, discontinued
- ECL 8-bit family See F100220 family
Evachip 42 See μ PD 545
Evachip 43 See μ PD 545
- F8 FAMILY** (Fairchild, 8-bit, 1-chip MPU, NMOS, +5/+12V; 2nd sources=Mostek, Motorola, SGS/ATES)
F8 CPU=F3850, support chips 3851-54, 3861, 3871
3850=code number sometimes used for F3850
F3850=CPU, 64 x 8 RAM, 16 IO lines, 76 instrns., DIL40

- F38E70** See MK3870
- F-100L FAMILY** (Ferranti, 16-bit, CDI Bipolar, +5V; 2nd source=none)
F100L=CPU, 29 instrns., DIL40, supported by F101, 111, 112
- F387** See MK3870
- F3850** See F8
- F3859 FAMILY** (Fairchild, 8-bit, 1-chip controller, NMOS, +5V; derived from multichip F8-F3850; 2nd source=none)
F3859=CPU; not proceeded with by Fairchild following arrival of 3870
- F4705 FAMILY** (Fairchild, 4-bit slice, CMOS, +5V; 2nd source=Signetics)
F4705=ALU, 64 instrns., DIL24, with support chips 9401, 9403, 9423, 4704, 4706-8, 4710
MACROLOGIC, CMOS=Fairchild alternate family name for F4705 CMOS version of Schottky TTL F9405 family
34705=alternate Fairchild number for F4705
- F9405 FAMILY** (Fairchild, 4-bit slice, STTL, with support 9401, 9403-4, 9406-8, 9410, 9423; 2nd source=Signetics)
F9405=ALU, DIL24
9400=alternate family name for F9405
MACROLOGIC, BIPOLAR=Fairchild alternate family name for 9405 family
- F9409** See AM2901
- F100220 FAMILY** (Fairchild, 8-bit slice, multichip CPU, ECL, 2nd source=none)
F100220 ADIU=arithmetic and data interface unit, 68-pin leadless package, with support F100221, F100222, F100223
100K 8-bit ECL=alternate name for F100220 family
- FIPS** See 4004, 4040
- GPC/P** See IMP 4
- IM6100 FAMILY** (Intersil, 12-bit, 1-chip CPU, CMOS, +5V; 2nd source=Harris)
IM6100=CPU, 81 instrns., DIL40, with support chips 6101-3, 6312-3, 6402-3, 6501, 6508, 6512, 6518, 6551, 6561-2, 6603, 6611
- IMP-00A/520** See IMP-4, IMP-8
- IMP-00A/520 x 4** See IMP-16
- IMP-4 FAMILY** (National Semiconductor, 4-bit slice, 3-chip MPU, PMOS, -12/+5V; 2nd source=Rockwell)
IMP-4=4-bit microprocessor family name
GPC/P=early name for IMP-4 4-bit slice
IMP-00A/520=ALU chip, 4-bit slice, 42 instrns., DIL24
- IMP-8 FAMILY** (National Semiconductor, 4-bit slice x 2, 3-chip MPU, PMOS, -12/+5V; 2nd source=Rockwell)
IMP-8=8-bit microprocessor family name
IMP-00A/520=ALU chip, 4-bit slice (pair used in IMP-8), 42 instrns., DIL 24
- IMP-16 FAMILY** (National Semiconductor, 4-bit slice x 4, 3-chip MPU, PMOS, -12/+5V; 2nd source=Rockwell)
IMP-16=16-bit microprocessor family name
IMP-00A/520 x 4=ALU chip, 4-bit slice (quartet in IMP-16), 42 instrns., DIL24
- INS8060** See SC/MP II
- INS8070** See SC/MP II
- INS8072** See SC/MP II
- INS8074** See SC/MP II
- INS8900 FAMILY** (National Semiconductor, 16-bit, 1-chip CPU, NMOS, -5/+5/+12V, 45 instrns; uses 8080 peripherals; 2nd source=none)
INS8900=CPU, DIL40
PACE, NMOS=alternate name for 8900 family, distinguished from PACE, PMOS
- IPC-16A/500** See PACE, PMOS
- IPC-16A/520** See PACE, PMOS
- ISP-8A/500** See SC/MP I
- ISP-8A/600** See SC/MP II
- ITT-7150 FAMILY** (ITT, 4-bit, 1-chip controller, PMOS, -15V; 2nd source=none)
ITT-7150=Controller, 14 IO, DIL 14/18/24, dedicated washing machine controller
- LP-8000 FAMILY** (General Instrument, 8-bit, 1-chip CPU, PMOS, -12/+5V, predecessor of F8; 2nd source=ITT)
LP-8000=CPU, 51 instrns., 24 IO, DIL40
ALPS=kit of LP-8000 family chips=8000, 6000, 1000, 1010, 1030
- LSI-11/2 FAMILY** (Digital Equipment Corp., 16-bit, multichip MPU, NMOS, -5/+5/+12V; 2nd source=none)
LSI-11/2=CPU chip, DIL40
- M38** See M380
- M380 FAMILY** (SGS/ATES, 8-bit, 1-chip MPU, PMOS, -17/-5V; 2nd source=none)
M38=alternate chip family name for 380 CPU, 381 ROM-RAM-IO, 382 ROM-IO, 383 RAM-IO
M380=CPU, 48 instrns, DIL48
- M58710** See 8080
- M58840XXP FAMILY** (Mitsubishi, 4-bit, 1-chip controller; 2nd source=none)
M58840XXP=CPU, integral ADC
- Macrologic, bipolar** See F9405
- Macrologic, cmos** See F4705
- MACSS** See MC68000

- MB8840 FAMILY** (Fujitsu, 4-bit, 1-chip controller, NMOS, +5V, DIL28/40; 2nd source=none)
 MB8840=CPU
 MB8841=CPU
 MB8842=CPU
 MB8843=CPU
 MB8844=CPU
 MB8849=CPU, DIL64, ROMless prototyping development chip for family
- MB8841 See MB8840
 MB8842 See MB8840
 MB8843 See MB8840
 MB8844 See MB8840
 MB8849 See MB8840
 MB8861 See MC6800
- MC-2 FAMILY** (Hewlett Packard, 16-bit, 1-chip controller, CMOS-SOS, 2nd source=none)
 MC-2=CPU, 48-pin leadless ceramic substrate
 MC68A00 See MC6800
 MC68B00 See MC6800
- MC6400 FAMILY** (Motorola, 8-bit, 1-chip controller, NMOS, +5V, obsolete)
 MC6400=CPU, 32 x 8 RAM, 1024 x 8 ROM, internal clock, DIL40
- MC6800 FAMILY** (Motorola, 8-bit, 1-chip CPU, NMOS, +5V, with support chips 6820, 6828, 6850, 6852, 6870, 6875; 2nd sources=Advanced Micro Devices, Fairchild, Fujitsu, Hitachi, Thomson-CSF)
 MC6800=CPU, DIL40, 72 instrns., clock speed to 1MHz
 MC68A00=CPU, DIL40, 72 instrns., clock speed to 1.5MHz
 MC68B00=CPU, DIL40, 72 instrns., clock speed to 2MHz
 MB8861=CPU, DIL40, Fujitsu version of MC6800
- MC6801 FAMILY** (Motorola, 8-bit, 1-chip controller, +5V; 2nd sources as for MC6800 family)
 MC6801=CPU, NMOS, 128 x 8 RAM, 2048 x 8 ROM, 34 IO, DIL40, general purpose
 MC6801E=CPU, NMOS, 128 x 8 RAM, 2048 x 8 ROM, 34 IO, DIL40, external clock
 MC6803=CPU, NMOS, 128 x 8 RAM, no ROM, 34 IO, DIL40, ROMless prototyping version of MC6801
 MC6803NR=ROMless, RAMless version of MC6801
 MC6805=CPU, NMOS, 64 x 8 RAM, 1024 x 8 ROM, 32 IO, DIL28, economy limited-specification version of MC6801
 MC68701=CPU, NMOS, 128 x 8 RAM, 2048 x 8 EPROM, 34 IO, DIL40, EPROM version of MC6801
 MC68705=CPU, NMOS, 64 x 8 RAM, 1024 x 8 EPROM, 32 IO, DIL28, EPROM version of MC6805
- MC6802 FAMILY** (Motorola, 8-bit, 2-chip computer, NMOS and CMOS, +5V; 2nd sources as for MC6800 family)
 MC6802=CPU, NMOS, 2MHz clock, 128 x 8 RAM, supported by MC6846
 MC6802E=CPU, NMOS, 4MHz clock, 128 x 8 RAM, supported by MC6846
 MC6802 H=CPU, NMOS, DIL40, supported by MC6846
 MC6808=CPU, NMOS, DIL40, 72 instrns., RAMless on-chip-clock version of MC6802
 MD46802=CPU, CMOS, 5MHz clock, 128 x 8 RAM, supported by MD46846, Mitel's CMOS version of MC6802
 S6802=CPU, NMOS, American Microsystems version of MC6802
- MC6803 See MC6800
 MC6805 See MC6801
 MC6808 See MC6802
- MC6809 FAMILY** (Motorola, 8/16-bit, 1-chip CPU, NMOS, +5V; 2nd source=Advanced Micro Devices)
 MC6809=CPU, 'pseudo-16-bit', 100+ instrns., DIL40, enhanced MC6800, on-chip clock
 MC6809E=off-chip clock version of MC6809
- MC10800 FAMILY** (Motorola, 4-bit slice, multichip CPU, ECL, -2/-5.2V; 2nd source=none)
 MC10800=ALU, QIL48, with support chips 10801-10808, 108MHz clock
- MC14500 FAMILY** (Motorola, 1-bit, serial controller, CMOS, +5(3 to 18)V, 16 instrns.; 2nd source=none)
 MC14500=CPU, DIL16, with support 14099, 14512, 14599
- MC68000 FAMILY** (Motorola, 16-bit, 1-chip CPU, NMOS, +5V; 2nd source=Rockwell)
 MC68000=CPU, DIL64, 61 instrns., 8MHz clock frequency, supported by MC6800 family support chips along with MC68100, MC68110, MC68130
 MACSS=early Motorola name for MC68000 family
- MC68701 See MC6801
 MC68705 See MC6801
 MC141000 See TMS3000
 MC141099 See TMS3000
 MC141200 See TMS3000
 MC146805 See MC6801
 MCOM-8 See 8080
- MCP1600 FAMILY** (Western Digital, 8-bit, 3-chip CPU, NMOS, -5/+5/+12V; 2nd source=National Semiconductor, licensed)
 MCP1600=unprogrammed chip set comprising

- MCP1611 data processor, MCP1621 control circuit and MCP1631 MICROM
- WD16=reprogrammed version of MCP1600 set
- MCS-4 See 4004
- MCS-8 See 8008
- MCS-40 See 4040
- MCS-48 See 8048
- MCS-80 See 8080
- MCS-85 See 8085
- MCS650X See MCS6502
- MCS651X See MCS6502
- MCS6500/1 FAMILY** (MOS Technology, 8-bit, 1-chip controller, NMOS, +5V, equivalent to combined MCS6502 + 6530; 2nd sources=EMM-SEMI, Rockwell, Synertek)
- MCS6500/1=64 x 8 RAM, 2048 x 16 ROM, 32 IO, internal timer-counter, DIL40, general purpose
- MCS6500/1E=64 x 8 RAM, no ROM, 32 IO, internal timer-counter, DIL64, prototyping ROMless version of MCS6500/1
- 6500/1=common short-form number for MCS6500/1 family
- MCS6502 FAMILY** (MOS Technology, 8-bit 1-chip CPU, NMOS, +5V, 56 instrns., with support chips MCS6520, 6522, 6530, 6532; 2nd sources=Rockwell, Synertek)
- MCS6502=64K address space, on-chip clock, DIL40
- MCS6503=4K address space, on-chip clock, DIL28
- MCS6504=8K address space, on-chip clock, DIL28
- MCS6505=4K address space, on-chip clock, no phase-1 clock output, DIL28
- MCS6506=4K address space, on-chip clock, phase-1 clock output, DIL28
- MCS6507=8K address space, on-chip clock, DIL28
- MCS6512=64K address space, clockless version of MCS6502, DIL40
- MCS6513=4K address space, clockless version of MCS6503, DIL28
- MCS6514=8K address space, clockless version of MCS6504, DIL28
- MCS6515=4K address space, clockless version of MCS6505, DIL28
- 65XX=alternative MCS6502 family number
- 65OX=alternative MCS6502 family number
- 651X=alternative MCS6502/6512 family number
- MCS650X=alternative MCS6502 family number
- MCS651X=alternative MCS6502/6512 family number
- MCS6503 See MCS6502
- MCS6504 See MCS6502
- MCS6505 See MCS6502
- MCS6506 See MCS6502
- MCS6507 See MCS6502
- MCS6512 See MCS6502
- MCS6513 See MCS6502
- MCS6514 See MCS6502
- MCS6515 See MCS6502
- MCS6516 FAMILY** (Synertek, 8/16-bit, 1-chip CPU, NMOS, +5V; 2nd source=Rockwell)
- MCS6516=CPU, 'pseudo-16-bit, enhanced MCS6502, 114 instrns., DIL40, uses MC6800 or MCS6502 support chips.
- MCS6600 FAMILY** (MOS Technology, 8-bit, NMOS, paper-design, not pursued; 2nd source=none)
- MCS6600=CPU, obsolete
- MD46802 See MC6802
- MELPS-8 See 8080
- Microflame I See 9440
- Microflame II See 9440
- Micromachine See MK3870
- MICRONOVA FAMILY** (Data General, 16-bit, NMOS and BIPOLAR, +4.25/+5/+10/+14V; 2nd source=none)
- MICRONOVA=chip family name; NMOS=MN601 CPU and BIPOLAR=MN629 CPU, with associated MN603 IO controller, MN606 DRAM, MN634 bus transceiver, MN506 quad sense amp., MN636 IO controller transceiver, MN638 memory clock driver, MN640 CPU clock driver
- MN601=CPU, 72 instrns., DIL40, NMOS
- MN602=CPU, 72 instrns., DIL40, NMOS, enhanced MN601, -5/+5/+12V
- MN629=CPU, 72 instrns., DIL40, Bipolar, +5V
- MN640=CPU and IO clock driver, DIL16, Bipolar, +5V
- MINI-D FAMILY** (Burroughs, 8-bit, 1-chip MPU, PMOS, -12/+5V, custom chip, obsolete)
- MINI-D CPU=256 x 8 ROM, DIL16
- MIPROC-16 FAMILY** (Plessey, 16-bit, multichip MPU, Schottky TTL, +5V; 2nd source=none)
- MIPROC-16 CPU=83 instrns., DIL
- MK3870 FAMILY** (Mostek, 8-bit, 1-chip microcomputer, NMOS, +5V; 2nd sources=Fairchild, Motorola)
- MK3870=64 x 8 RAM, 2048 x 8 PROM, 32 IO, DIL40, prime chip
- F38E70=64 x 8 RAM, 2048 x 8 EPROM, 32 IO, DIL40, Fairchild EPROM version of MK3870
- MK3872=128 x 8 RAM, 4096 x 8 ROM, 32 IO, DIL40, RAM keep-alive version of MK3870
- MK3873=64 x 8 RAM, 2048 x 8 ROM, 35 IO, DIL40, serial-port version of MK3870

- MK3874=128 x 8 RAM, no ROM, 32 IO, DIL40, ROMless prototype development chip with 24-pin EPROM top socket
- MK3876=128 x 8 RAM, 2048 x 8 ROM, 32 IO, DIL40
- F387=Fairchild family name for MK3870 family
- MICROMACHINE=Fairchild name for MK3870 family
- MK3872 See MK3870
- MK3873 See MK3870
- MK3874 See MK3870
- MK3876 See MK3870
- MK3880 See Z80
- MK5065 FAMILY** (Mostek, 8-bit, PMOS, obsolete; 2nd source=none)
- MK5065=CPU for MK5065 parallel processor, now obsolete
- MM75 See PPS-4/1
- MM76 See PPS-4/1
- MM76C See PPS-4/1
- MM76D See PPS-4/1
- MM76E See PPS-4/1
- MM76EL See PPS-4/1
- MM76L See PPS-4/1
- MM77 See PPS-4/1
- MM77L See PPS-4/1
- MM78 See PPS-4/1
- MM78A/D See PPS-4/1
- MM78L See PPS-4/1
- MM5734 FAMILY** (National Semiconductor, 4-bit, PMOS, -9V, obsolete)
- MM5734=CPU 45 instrns., DIL40, obsolete
- MM5782 FAMILY** (National Semiconductor, 4-bit, 1-chip CPU, PMOS, -8.5V; 2nd source=none)
- MM5782=CPU, 33 instrns., DIL28, supported by MM5781 ROM IO
- COPS family=National commercial name for MM5782, and MM5799, family
- COPS I family=National name to distinguish PMOS COPS I from NMOS COPS II, for which see separate entry
- MM5799 FAMILY** (National Semiconductor, 4-bit, 1-chip controller, PMOS, -8.5V; 2nd source=none)
- MM5799=96 x 4 RAM, 1536 x 8 ROM, internal clock, 49 instrns., DIL28, general purpose controller
- MM57109=5 x 32 RAM, no ROM, no internal clock, 70 instrns., DIL28, dedicated number cruncher
- MM57140=55 x 4 RAM, 630 x 8 ROM, internal clock, 36 instrns., DIL28, LED display driver
- MM57152=55 x 4 RAM, 630 x 8 ROM, internal clock, DIL28, fluorescent display driver
- COPS=National commercial name for MM5799, and
- MM5782, family
- COPS I family=National name to distinguish PMOS COPS I from NMOS COPS II, for which see separate entry
- MM57109 See MM5799
- MM57140 See MM5799
- MM57142 See MM5799
- MM57152 See MM5799
- MMI-5701 FAMILY** (Monolithic Memories, 4-bit slice, Schottky TTL, +5V; 2nd source=ITT)
- MMI-5701=ALU, military specification, 36 instrns., DIL40
- MMI-6701=ALU, commercial specification version of MMI-5701
- MMI-6701 See MMI-5701
- MN601 See MICRONOVA
- MN602 See MICRONOVA
- MN629 See MICRONOVA
- MN640 See MICRONOVA
- MN1400 FAMILY** (Matsushita-Panasonic, 4-bit, 1-chip controller, NMOS-PMOS-CMOS, +5V; 2nd source=none)
- MN1400=NMOS, 64 x 4 RAM, 1024 x 8 ROM, internal clock, 30 IO, 75 instrns., DIL40
- MN1402=NMOS, 32 x 4 RAM, 768 x 8 ROM, internal clock, 19 IO, 57 instrns., DIL28, fewer-IO version of MN1400
- MN1403=NMOS, 16 x 4 RAM, 512 x 8 ROM, internal clock, DIL18
- MN1404=NMOS, 16 x 4 RAM, 512 x 8 ROM, internal clock, DIL16
- MN1405=NMOS, 128 x 4 RAM, 2048 x 8 ROM, internal clock, DIL40
- MN1430=PMOS, 64 x 4 RAM, 1024 x 8 ROM, internal clock, DIL40, PMOS version of 1400
- MN1432=PMOS, 32 x 4 RAM, 768 x 8 ROM, internal clock, DIL28
- MN1435=PMOS, 128 x 4 RAM, 2048 x 8 ROM, internal clock, DIL40
- MN1450=CMOS, 64 x 4 RAM, 1024 x 8 ROM, internal clock, 32 IO, DIL40, CMOS version of MN1400
- MN1453=CMOS, 16 x 4 RAM, 512 x 8 ROM, internal clock, DIL18
- MN1454=CMOS, 16 x 4 RAM, 512 x 8 ROM, internal clock, DIL16
- MN1455=CMOS, 128 x 4 RAM, 2048 x 8 ROM, internal clock, DIL40
- MN1498=NMOS, 64 x 4 RAM, no ROM, internal clock, 17 IO, 68 instrns., DIL40, prototyping ROMless MN 1400 chip
- MN1499=NMOS, 64 x 4 RAM, no ROM, internal clock,

- 25 IO, 75 instrns., DIL64, prototyping ROMless MN 1400 chip
- MN1402 See MN 1400
- MN1403 See MN1400
- MN1404 See MN1400
- MN1405 See MN1400
- MN1430 See MN1400
- MN1432 See MN1400
- MN1435 See MN1400
- MN1450 See MN1400
- MN1453 See MN1400
- MN1454 See MN1400
- MN1455 See MN1400
- MN1498 See MN1400
- MN1499 See MN1400
- MN1500 FAMILY** (Matsushita-Panasonic, 4-bit, 1-chip controller, NMOS, +5V; 2nd source=none)
- MN1542=NMOS, 152 x 4 RAM, 2048 x 8 ROM, internal clock, DIL40 plastic
- MN1544=NMOS, 256 x 4 RAM, 4096 x 8 ROM, internal clock, DIL40 plastic
- MN1562=NMOS, 152 x 4 RAM, 2048 x 8 ROM, internal clock, DIL64
- MN1564=NMOS, 256 x 4 RAM, 4096 x 8 ROM, internal clock, DIL64
- MN1591=NMOS, 256 x 4 RAM, no ROM, internal clock, DIL40, ROMless prototype development version of MN1544
- MN1599=NMOS, 256 x 4 RAM, no ROM, internal clock, DIL64, ROMless prototype development version of MN1564
- MN1542 See MN1500
- MN1544 See MN1500
- MN1562 See MN1500
- MN1564 See MN1500
- MN1591 See MN 1500
- MN1599 See MN1500
- MN1610 FAMILY** (Panafacom-Matsushita/Fujitsu, 16-bit, 1-chip CPU, NMOS, -3/+5/+12V; 2nd source=none)
- MN1610=CPU, 33 instrns., DIL40
- PFL-16A=chip family system, including MN1610 CPU, supported by MN1630, MN1640, MN1650, MN1680 chips.
- MP1600 FAMILY** (Western Digital, 16-bit, 4-chip CPU, NMOS, -5/+5/+12V; 2nd source=none)
- MP1600=unprogrammed chip set comprising MCP1651 data chip, MCP1661B control chip, and 2 x MCP1631 MICROM
- MSM3901 See 8080
- N8X300 See 8X300
- N8X300I See 8X300
- NS16000 FAMILY** (National Semiconductor, 16-bit, 1-chip CPU, NMOS, +5V, supported by NS16032, NS16081; 2nd source=none)
- NSC16000=alternate type number for NS16000
- NSC16000 See NS16000
- PACE, NMOS See INS 8900
- PACE, PMOS FAMILY** (National Semiconductor, 16-bit, 1-chip MPU, PMOS, -12/-8/+5V, 45 instrns.; 2nd source=none)
- PACE, PMOS=Total family comprising IPC-16A/500 and IPC-16A/520 CPU chips, plus IPC-16A/501-508, 513, 518 support chips
- IPC-16A/500=CPU chip, DIL40
- IPC-16A/520=CPU chip, DIL40, low-cost version of IPC-16A/500
- PFL-16A See MN1610
- PIC1640 See PIC1650
- PIC1645 See PIC1650
- PIC1650 FAMILY** (General Instrument, 8-bit, 1-chip controller, NMOS, internal clock; 2nd source=EMM-SEMI)
- PIC1640=32 x 8 RAM, 256 x 12 ROM, 16 IO, 27 instrns., +15V, DIL40, programmable interface controller
- PIC1645=32 x 8 RAM, 256 x 12 ROM, 12 IO, interrupt, +5V, DIL18, reduced PIC1650
- PIC1650=32 x 8 RAM, 512 x 12 ROM, 32 IO, 30 instrns., +5V, DIL40, general purpose
- PIC1650A=improved PC1650
- PIC1655=32 x 8 RAM, 512 x 12 ROM, 20 IO, 30 instrns., +5V, DIL28, fewer-IO lines version of PIC1650
- PIC1655A=improved PIC1655
- PIC1656=32 x 8 RAM, 512 x 12 ROM, 20 IO, +5V, DIL28
- PIC1664=32 x 8 RAM, no ROM, halt-pin, +5V, DIL64, ROMless prototyping PIC1650
- PIC1664B=improved PIC1664
- PIC1665=48 x 8 RAM, no ROM, +5V, 32 IO, DIL40, ROMless development version of PIC1670
- PIC1670=48 x 8 RAM, 1024 x 12 ROM, +5V, DIL40, augmented-ROM version of PIC1650
- PIC1655 See PIC1650
- PIC1656 See PIC1650
- PIC1664 See PIC1650
- PIC1665 See PIC1650
- PIC1670 See PIC1650
- PIP See 2650
- PPS-4 FAMILY** (Rockwell, 4-bit, multichip MPU, PMOS, -15V, QIL42, 50 instrns.; 2nd source=National Semiconductor)

- PPS-4=3-chip computer system, with 10706 clock and A17XX or A23XX ROM-RAM-IO
- PPS-4/2=2-chip computer system, with A17XX or A23XX ROM-RAM-IO
- 11660=PPS-4/2 CPU, on-chip clock
- 12660=PPS-4 CPU, external clock
- PPS-4/1 FAMILY** (Rockwell, 4-bit, 1-chip controller, PMOS, -15V normal, -6.5 to -11V low-voltage, 50 instrns.; 2nd source=none)
- MM75=48 x 4 RAM, 640 x 8 ROM, 22 IO lines, DIL28, economy MM76
- MM76=48 x 4 RAM, 640 x 8 ROM, 31 IO lines, QIL42, keyboard display
- MM76C=48 x 4 RAM, 640 x 8 ROM, 39 IO lines, QIL52, up-down counter
- MM76D=48 x 4 RAM, 640 x 8 ROM, 39 IO lines, QIL53, ADC
- MM76E=48 x 4 RAM, 1024 x 8 ROM, 31 IO lines, QIL42, expanded RAM MM76
- MM76EL=48 x 4 RAM, 1024 x 8 ROM, 31 IO lines, DIL40, low-voltage MM76E
- MM76L=48 x 4 RAM, 640 x 8 ROM, 31 IO lines, DIL40, low-voltage MM76
- MM77=96 x 4 RAM, 1344 x 8 ROM, 31 IO lines, QIL42, basic MM77
- MM77L=96 x 4 RAM, 1536 x 8 ROM, 31 IO lines, DIL40, low-voltage MM77
- MM78=128 x 4 RAM, 2048 x 8 ROM, 31 IO lines, QIL42, 'jumbo' MM77
- MM78L=128 x 4 RAM, 2048 x 8 ROM, 31 IO lines, DIL40, low-voltage MM78
- MM78A/D=128 x 4 RAM, 2048 x 8 ROM, 31 IO lines, DIL40, ADC version of MM78L
- A76XX=MM76 alternate number
- A77XX=MM77 alternate number
- A78XX=MM78 alternate number
- A7698=ROMless MM76 for external-ROM prototype design development
- A7798=ROMless MM77 for external-ROM prototype design development
- A7898=ROMless MM78 for external-ROM prototype design development
- PPS-4/2 See PPS-4
- PPS-8 FAMILY** (Rockwell, 8-bit, 1-chip MPU, PMOS, -12/+5V, 109 instrns; 2nd source=National)
- PPS-8=5-chip computer system name; for CPU see 11806 below
- PPS-8/2=2-chip computer system name; for CPU see 12806 below
- 11806=PPS-8 CPU, external clock, QIL42
- 12806=PPS-8/2 CPU, internal clock, QIL52
- PPS-8/2 See PPS-8
- PPS-25 FAMILY** (Fairchild Semiconductors, 4-bit, multichip MPU, PMOS, -10/+5V, 2nd source=none, obsolete)
- PPS-25=calculator-orientated chip set, DIL16, 18, 24, 40, obsolete
- S2000 FAMILY** (American Microsystems, 4-bit, 1-chip controller, NMOS except CMOS S2210, DIL40; 2nd source=none)
- S2000=64 x 4 RAM, 1024 x 8 ROM, 29 IO, 51 instrns., +9V, LED driver
- S2000A=64 x 4 RAM, 1024 x 8 ROM, 29 IO, 51 instrns., +9V, vacuum fluorescent driver
- S2150=80 x 4 RAM, 1636 x 8 ROM, 29 IO, 51 instrns.
- S2200=128 x 4 RAM, 2048 x 8 ROM, 61 instrns., ADC, +5V
- S2210=128 x 4 RAM, 2048 x 8 ROM, CMOS, 61 instrns., ADC, +5V
- S2400=128 x 4 RAM, 4096 x 8 ROM, 61 instrns., ADC, +5V
- S2150 See S2000
- S2200 See S2000
- S2210 See S2000
- S2400 See S2000
- S6802 See MC6802
- S9209 FAMILY** (American Microsystems, 4-bit, 1-chip controller, PMOS, -15V; 2nd source=none, discontinued)
- S9209=4 x 16 x 4 RAM, 12 x 63 x 8 ROM, 28 instrns., DIL40, microprogrammable display processor, discontinued
- SBA FAMILY** (General Instrument, 1-bit, 1-chip controller, NMOS, +5/+12V, DIL40; 2nd source=none)
- SBA=120 x 1 RAM, 1024 x 8 ROM, 31 IO, 8 instrns.
- SBA-1=ROMless prototyping version of SBA
- SBA-1 See SBA
- SBP-0400 FAMILY** (Texas Instruments, 4-bit slice, multi-chip CPU, I²L, +5V, 16 instrns; 2nd source=none)
- SBP-0400=ALU, 1W max. dissipn., on-chip pipeline register, DIL40
- SBP-0401=ALU, 1.5W max. dissipn., no on-chip pipeline register, DIL40
- SBP-0401 See SPB-0400
- SBP-9900 FAMILY** (Texas Instruments, 16-bit, 1-chip CPU, I²L, +5V; 2nd source=none)
- SBP9900A=CPU, DIL64, bipolar wide-temperature-range version of TMS-9900
- SC/MP See SC/MP I
- SC/MP I FAMILY** (National Semiconductor, 8-bit, 1-chip

- MPU, PMOS, -7/+5V, 46 instrns.; 2nd source=none, obsolescent)
- SC/MP=original name of PMOS 'Simple Cost-effective/Micro Processor'
- SC/MP I=alternate PMOS family name to distinguish from NMOS SC/MP II
- ISP-8A/500=CPU chip, DIL40, 256 x 8 RAM, 512 x 8 ROM
- SC/MP II FAMILY** (National Semiconductor, 8-bit, 1-chip MPU, NMOS, +5V, 46 instrns.; 2nd sources=Rockwell, Signetics, Western Digital)
- SC/MP II=name given to NMOS SC/MP family to distinguish from PMOS SC/MP or SC/MP I version
- ISP-8A/600=CPU chip, DIL40, with 2656 combo chip gives a 2-chip system or can use 8080 support chips for multichip system
- INS8060=ISP-8A/600 alternate name
- INS8070=ROMless development version of INS8072, DIL40
- INS8072=enhanced 1-chip controller version of INS8060, 64 x 8 RAM, 2.5K x 8 ROM, DIL40
- INS8074=64 x 8 RAM, 4096 x 8 ROM, 1-chip controller, expanded ROM version of INS 8072, DIL40
- INS8075=INS8074 with on-chip NN Basic
- 70 SERIES=National name for INS8070, 8072, 8074, 8075 (SC/MP II family)
- SMS300 FAMILY** (Scientific Microsystems, 8-bit, 4-chip controller, Schottky TTL, +5V; 2nd source=Signetics)
- SMS300=controller, DIL50, supported by SMS331 ROM, 332 RAM, 360 interface
- SMS330=controller, DIL48
- SMS330 See SMS300
- SN54LS481 See SN74LS481
- SN54S481 See SN74S481
- SN74LS481 FAMILY** (Texas Instruments, 4-bit slice, multichip CPU, LSTL, +5V, 10nS propagation delay, QIL48; 2nd source=none)
- SN54LS481=-55/+125C military specification
- SN74LS481=0/+70C commercial specification
- SN74S481 FAMILY** (Texas Instruments, 4-bit slice, multichip CPU, STTL, +5V, 3nS propagation delay, QIL48; 2nd source=none)
- SN54S481=-55/+125C military specification
- SN74S481=0/+70C commercial specification
- SX200 FAMILY** (Essex International, 4-bit, 1-chip controller, PMOS, -15V, obsolete)
- SX200=64 x 4 RAM, 1024 x 8 ROM, 16 IO lines, 41 instrns., DIL28
- T-40L FAMILY** (Toshiba, 16-bit, multichip CPU, NMOS, +5V; 2nd source=none)
- T3412=ACU, arithmetic control unit, DIL42, supported by T3413 BCU bus control unit
- T3153 See TLCS-12A
- T3190 See TLCS-12A
- T3412 See T-40L
- T3444 FAMILY** (Toshiba, 4-bit, 1-chip controller, NMOS, +5V; 2nd source=none)
- T3444=16 x 4 RAM, 256 x 24 ROM, 16 IO, DIL40, unprogrammed general purpose
- T3444A=16 x 4 RAM, 256 x 24 ROM, DIL40, preprogrammed floppy disk controller
- T3444BS=16 x 4 RAM, 256 x 24 ROM, DIL40, preprogrammed ISO-format digital cassette controller
- T3444D=16 x 4 RAM, 256 x 24 ROM, DIL40, preprogrammed double-sided floppy disk controller
- T3444M=16 x 4 RAM, 256 x 24 ROM, DIL40, preprogrammed mini-floppy disk controller
- T3472 FAMILY** (Toshiba, 4-bit, 1-chip controller, NMOS, +5V; 2nd source=none, obsolete)
- T3472=16 x 4 RAM, 256 x 24 ROM, DIL42, preprogrammed keyboard/display interface controller, obsolete
- T3535 See TLCS-12A
- TCP4600 See TLCS-46
- TCP4610 See TLCS-46
- TCP4620 See TLCS-46
- TCP4630 See TLCS-46
- TLCS-12A FAMILY** (Toshiba, 12-bit, 1-chip MPU, PMOS, -5/+5V; 2nd source=none)
- TLCS-12A=family name for T3153, T3190, T3535 CPU chips, supported by T3217, T3219, T3220, T3269, T3416, T3418, T3445
- T3153=CPU chip, 18 instrns., DIL42
- T3190=CPU chip, 21 instrns., DIL36
- T3535=CPU chip, DIL36
- TLCS-41 FAMILY** (Toshiba, 4-bit, 1-chip controller, NMOS, +5V; 2nd source=none)
- TMP4110=dedicated electronic cash register controller, DIL42
- TMP4190=CR101-printer controller, DIL42
- TMP4191=CR330-printer controller, DIL42
- TLCS-43 FAMILY** (Toshiba, 4-bit, 1-chip controller, NMOS, +5V; 2nd source=none)
- TMP4300=ROMless evaluator chip for TLCS-43 family, 128 x 4 RAM, DIL64
- TMP4310=1-chip controller, 48 x 4 RAM, 1024 x 8 ROM, DIL28

- TMP4315A=1-chip controller, 128 × 4 RAM, 1536 × 8 ROM, DIL42
- TMP4320=1-chip controller, 128 × 4 RAM, 2048 × 8 ROM, DIL42
- TLCS-46 FAMILY** (Toshiba, 4-bit, 1-chip controller, CMOS, +5V; 2nd source=none)
- TCP4600=ROMless evaluator chip for TLCS-46 family, 160 × 4 RAM, DIL64
- TCP4610=1-chip controller, 48 × 4 RAM, 1024 × 8 ROM, DIL28
- TCP4620=1-chip controller, 96 × 4 Ram, 2048 × 8 ROM, DIL42
- TCP4630=1-chip controller, 160 × 4 RAM, 3072 × 8 ROM, DIL42
- TLCS-80 See 8080
- TLCS-84 See 8048
- TLCS-85 See 8085
- TMP4110 See TLCS-41
- TMP4190 See TLCS-41
- TMP4191 See TLCS-41
- TMP4300 See TLCS-43
- TMP4310 See TLCS-43
- TMP4315 See TLCS-43
- TMP4320 See TLCS-43
- TMP8048 See 8048
- TMP8085A See 8085
- TMP9080A See 8080
- TMS1000 FAMILY** (Texas Instruments, 4-bit, 1-chip controller, PMOS & CMOS; 2nd sources=none for PMOS and Motorola for CMOS)
- TMS1000=64 × 4 RAM, 1024 × 8 ROM, PMOS, -15V, 23 IO, 43 instrns., DIL28, general purpose
- TMS1000C=64 × 4 RAM, 1024 × 8 ROM, CMOS, +5V, 22 IO, 43 instrns., DIL28, general purpose
- TMS1018=64 × 4 RAM, no ROM, PMOS, -15V, 4 IO, 43 instrns., DIL28, number cruncher
- TMS1022=64 × 4 RAM, 1024 × 8 ROM, PMOS, -15V, 43 instrns., DIL28, dedicated CB controller
- TMS1070=64 × 4 RAM, 1024 × 8 ROM, PMOS, -15V, 23 IO, 43 instrns., DIL28, vacuum fluorescent display controller
- TMS1098=128 × 4 RAM, no ROM, PMOS, -15V, 12 IO, 54 instrns., DIL64, ROMless TMS1100 for prototype development
- TMS1099=64 × 4 RAM, no ROM, PMOS, -15V, 12 IO, 43 instrns., DIL64, ROMless TMS1000 for prototype development
- TMS1099C=64 × 4 RAM, no ROM, CMOS, +5V, 12 IO, 43 instrns., DIL64, ROMless TMS1000C for prototype development
- development
- TMS1100=128 × 4 RAM, 2048 × 8 ROM, PMOS, -15V, 25 IO, 54 instrns., DIL28, general purpose
- TMS1117=128 × 4 RAM, PMOS, -15V, 19 IO, 43 instrns., DIL28, general purpose
- TMS1121=128 × 4 RAM, 2048 × 8 ROM, PMOS, -15V, 42 instrns., DIL40, multi-appliance timer-controller
- TMS1200=64 × 4 RAM, 1024 × 8 ROM, PMOS, -15V, 25 IO, 43 instrns., DIL40, general purpose
- TMS1200C=64 × 4 RAM, 1024 × 8 ROM, CMOS, +5V, 33 IO, 43 instrns., DIL40, general purpose
- TMS1270=64 × 4 RAM, 1024 × 8 ROM, PMOS, -15V, 23 IO, 43 instrns., DIL40, vacuum fluorescent display controller
- TMS1300=128 × 4 RAM, 2048 × 8 ROM, PMOS, -15V, 23 IO, 54 instrns., DIL40, general purpose
- TMS1330=128 × 4 RAM, 2048 × 8 ROM, PMOS, -15V, 31 IO, 42 instrns., DIL40, ADC and keyboard controller
- TMS1400=128 × 4 RAM, 4096 × 8 ROM, PMOS, -15V, 22 IO, DIL28
- TMS1600=128 × 4 RAM, 4096 × 8 ROM, PMOS, -15V, 33 IO, DIL40
- TMS1700=32 × 4 RAM, 512 × 8 ROM, PMOS, -15V, 21 IO, DIL28
- TMS1000C See TMS1000
- TMS1018 See TMS1000
- TMS1022 See TMS1000
- TMS1070 See TMS1000
- TMS1098 See TMS1000
- TMS1099 See TMS1000
- TMS1099C See TMS1000
- TMS1100 See TMS1000
- TMS1117 See TMS1000
- TMS1121 See TMS1000
- TMS1200 See TMS1000
- TMS1200C See TMS1000
- TMS1270 See TMS1000
- TMS1300 See TMS1000
- TMS1330 See TMS1000
- TMS1400 See TMS1000
- TMS1600 See TMS1000
- TMS1700 See TMS1000
- TMS2000 FAMILY** (Texas Instruments, 4-bit, 1-chip controller, NMOS, +5V, NMOS version of TMS1000 PMOS family; 2nd source=none)
- TMS2000=64 × 4 RAM, 1024 × 8 ROM, 23 IO, 43 instrns., DIL28, general purpose
- TMS2098=128 × 4 RAM, no ROM, 12 IO, 54 instrns., DIL64, ROMless prototyping version of TMS2100

- TMS2099=64 × 4 RAM, no ROM, 12 IO, 43 instrns., DIL64, ROMless prototyping version of TMS2000
- TMS2100=128 × 4 RAM, 2048 × 8 ROM, 25 IO, 54 instrns., DIL28, general purpose
- TMS2200=64 × 4 RAM, 1024 × 8 ROM, 25 IO, 43 instrns., DIL40, general purpose
- TMS2300=128 × 4 RAM, 2048 × 8 ROM, 23 IO, 54 instrns., DIL40, general purpose
- TMS2098 See TMS2000
- TMS2099 See TMS2000
- TMS2100 See TMS2000
- TMS2200 See TMS2000
- TMS2300 See TMS2000
- TMS3000 FAMILY** (Texas Instruments, 4-bit, 1-chip controller, CMOS, +5V, CMOS version of TMS1000 PMOS family; 2nd source=Motorola)
- TMS3000=CMOS version of TMS1000=TMS1000C
- TMS3099=CMOS version of TMS1099
- TMS3200=CMOS version of TMS1200=TMS1200C
- MC141000=Motorola CMOS version of TMS1000=TMS1000C
- MC141099=Motorola CMOS version of TMS1099
- MC141200=Motorola CMOS version of TMS1200=TMS1200C
- TMS3099 See TMS3000
- TMS3200 See TMS3000
- TMS9900 FAMILY** (Texas Instruments, 16-bit, 1-chip CPU, NMOS; 2nd sources=American Microsystems, Standard Micro Systems)
- TMS9900=CPU, 32K addressable, -5/+5/+12V, DIL64, 3MHz clock
- TMS9980A=CPU, 8K addressable, -5/+5/+12V, DIL40, 2.5MHz clock
- TMS9981=CPU, 8K addressable, +5/+12V, DIL40, internal clock, 2.5Mhz
- TMS9940 FAMILY** (Texas Instruments, 16-bit, 1-chip controller, NMOS, +5V, 68 instrns., single-chip version of TMS9900; 2nd source=American Microsystems)
- TMS9940E=128 × 8 RAM, 2048 × 8 EPROM, 33 IO, DIL40, 2.5 MHz, EPROM version of TMS9940
- TMS9940M=128 × 8 RAM, 2048 × 8 ROM, 33 IO, DIL40, 2.5MHz, MROM version of TMS9940
- TMS9985=256 × 8 RAM, no ROM, DIL40, 2MHz, with different pinout from TMS9940, ROMless prototype development chip
- TMS9980 See TMS9900
- TMS9981 See TMS9900
- TMS9985 See TMS9940
- UCOM-8 See 8080
- WD-16 See MCP1600
- WD-40 See CR1872
- Z8 FAMILY** (Zilog, 8-bit, 1-chip computer, NMOS, +5V, 129 instrns., internal clock; 2nd source=Synertek)
- Z8/40=96 × 8 RAM, 2048 × 8 ROM, 32 IO lines, DIL40
- Z8/64=96 × 8 RAM, no ROM, DIL64, ROMless development prototyping version of Z8, with DIL24 ROM socket on top.
- Z8-03MPE=alternate number for Z8/64
- Z8-03MPE See Z8
- Z8/40 See Z8
- Z8/64 See Z8
- Z80 FAMILY** (Zilog, 8-bit, 1-chip CPU, NMOS, +5V, 158 instrns.; 2nd source=Hitachi, Mostek, NEC, SGS/ATES)
- Z80-CPU=CPU for Z80 family, supported by Z80-PIO, Z80-CTC, Z80-DMA and Z80-SIO, 2.5MHz clock frequency, DIL40
- MK3880=Mostek number for Z80-CPU
- Z80A-CPU=4MHz version of Z80-CPU
- MK3880A=Mostek 4MHz Z80A-CPU
- μPD780=NEC version of Z80
- Z80-CPU See Z80
- Z8000 FAMILY** (Zilog, 16-bit, 1-chip CPU, NMOS, +5V, 110 instrns.; 2nd sources=Advanced Micro Devices, SGS/ATES)
- Z8000(68K)=64K address reach, DIL40, with support Z8010, 8016, 8030, 8036, 8038, 8050, 8060
- Z8000(1M)=1M extended mem. addr. reach, DIL48, supported by DIL48 MMU 'memory management unit'
- Z8001=Z8000(1M)
- Z8002=Z8000(68K)
- Z8001 See Z8000
- Z8002 See Z8000
- μCOM-42 See μPD545
- μCOM-43 See μPD545
- μCOM-43C See μPD545
- μCOM-44 See μPD545
- μCOM-44C See μPD545
- μCOM-45 See μPD545
- μCOM-45C See μPD545
- μCOM-46 See μPD545
- μCOM-47 See μPD545
- μCOM-87 FAMILY** (NEC, 8-bit, 1-chip controller, 1-chip enhanced version of Z80, NMOS, +5V; 2nd source=none)
- μPD7800=CPU, 128 × 8 RAM, no ROM, 48 IO, 125 instrns., ROMless prototype development version of μPD7801, QIL64
- μPD7801=CPU, 128 × 8 RAM, 4096 × 8 ROM, 48 IO, 125 instrns., QIL64

- μ COM-87=NEC name for μ PD7800 family
- μ PD545 FAMILY** (NEC, 4-bit, 1-chip controller, PMOS and CMOS; 2nd source=none)
- μ PD545=PMOS, -10V, 32 x 4 RAM, 640 x 8 ROM, 21 IO, 72 instrns., ext. clock DIL42, calculator chip
- μ PD546=PMOS, -10V, 96 x 4 RAM, 2000 x 8 ROM, 35 IO, 80 instrns., int. clock, DIL42, general purpose (= μ COM-43)
- μ PD546C=CMOS, +5V, 96 x 4 RAM, 2K x 8 ROM, 35 IO, 80 instrns., int. clock, DIL42, general purpose (= μ COM-43C)
- μ PD547=PMOS, -10V, 64 x 4 RAM, 1K x 8 ROM, 35 IO, 58 instrns., internal clock, DIL42, general purpose (= μ COM-44)
- μ PD547L=low power version of μ PD547
- μ PD548=PMOS, -10V, 32 x 4 RAM, 1920 x 10 ROM, 35 IO, 72 instrns., external clock, DIL42, cash register chip (= μ COM42)
- μ PD550=PMOS, -10V, 32 x 4 RAM, 640 x 8 ROM, 21 IO, 58 instrns., internal clock, DIL28, 35V output, general purpose (= μ COM-45)
- μ PD550C=CMOS, +5V, 32 x 4 RAM, 640 x 8 ROM, 21 IO, 58 instrns., internal clock, DIL28, 35V output, general purpose (= μ COM-45C)
- μ PD551=PMOS, -10V, 96 x 4 RAM, 2K x 8 ROM, 33 IO, DIL42 (= μ COM-46)
- μ PD555=PMOS, -10V, 96 x 4 RAM, no ROM, external clock, DIL64, ROMless μ COM-42/ μ PD548 (=EVACHIP 42)
- μ PD556=PMOS, -10V, 96 x 4 RAM, no ROM, external clock, DIL64, ROMless μ COM-43/ μ PD546 (=EVACHIP 43)
- μ PD7520=PMOS, -6 to -10V, 48 x 4 RAM, 768 x 8 ROM, 10 IO, DIL28, 47 instrns., 6-digit display driver
- EVACHIP 42= μ PD555
- EVACHIP 43= μ PD556
- μ COM-42= μ PD548
- μ COM-43= μ PD546
- μ COM-43C= μ PD546, except +5V CMOS
- μ COM-44= μ PD547
- μ COM-44C= μ PD547, except +5V, CMOS
- μ COM-45= μ PD550
- μ COM-45C= μ PD550, except +5V, CMOS
- μ COM-46= μ PD551
- μ COM-47= μ PD766
- μ PD546 See μ PD545
- μ PD546C See μ PD545
- μ PD547 See μ PD545
- μ PD547L See μ PD545
- μ PD548 See μ PD545
- μ PD550 See μ PD545
- μ PD550C See μ PD545
- μ PD551 See μ PD545
- μ PD555 See μ PD545
- μ PD556 See μ PD545
- μ PD751 FAMILY** (NEC, 4-bit, controller, NMOS, -5/+5/+12V, obsolete; 2nd source=none)
- μ PD751=CPU, DIL28
- μ PD753 See 8080
- μ PD780 See Z80
- μ PD7520 See μ PD545
- μ PD7800 See μ COM-87
- μ PD7801 See μ COM-87
- 8X300 FAMILY** (Signetics-Philips, 8-bit, 1-chip MPU, Schottky TTL, +5V; 2nd source=Fairchild possibly)
- N8X300I=CPU chip, 21 instrns., DIL50, with support chips 8T31-33, 35-36, 39, 58 and 8X350
- 10K Family Alternate name for MC10800 family
- 38E70 Short for F38E70
- 65XX See MCS6502
- 70-Series See SC/MP II
- 74LS481 Short for SN74LS481
- 74S481 Short for SN74S481
- 87C48 See 8048
- 100K Alternate name for F100220
- 300 Short for SMS300
- 380 Short for M380
- 545 Short for μ PD545
- 650X See MCS6502
- 651X See MCS502
- 751 Short for μ PD751
- 780 Short for μ PD780
- 1000 Short for TMS1000
- 1400 Short for MN1400
- 1500 Short for MN1500
- 1600 Short for CP1600, MCP1600 or MN1600
- 1610 Short for CP1610 or MN1610
- 1650 Short for PC1650
- 1802 Short for CDP1802
- 1803 Short for CDP1803
- 1804 Short for CDP1804
- 1806 Short for CDP1806
- 1872 Short for CR1872
- 2000 Short for S2000 or TMS2000
- 2650 FAMILY** (Signetics-Philips, 8-bit, 1-chip CPU, NMOS, +5V; 2nd source=National)
- 2650A=CPU, 75 instrns., DIL40, with support chips 2622, 2636-37, 2641, 2651-53, 2655-56, 2661

- 2650A-1 = faster version of 2650A
 PIP = early name for 2650 = 'Programmable Integrated Processor'
- 2900 Alternate name for AM2901
- 2920 FAMILY** (Intel, 9-bit, 1-chip, analog-in/analog-out processor, -5/+5V plus 1-2V ref. voltage; 2nd source = none)
 2920 = 192 × 24 EPROM, 40 × 25 RAM, DIL28, 9-bit ADC/DAC resolution
- 3000 FAMILY** (Intel, 2-bit slice, multichip CPU, Schottky TTL, +5V; 2nd source = Signetics)
 3002 = CPU slice, DIL28, supported by 3001, 3003, 3212, 3214, 3216/26
- 3002 See 3000
 3850 See F8
 3859 Short for F3859
 3870 Short for MK3870
 3872 Short for MK3872
 3873 Short for MK3873
 3874 Short for MK3874
 3876 Short for MK3876
 3901 Short for MSM3901
- 4004 FAMILY** (Intel, 4-bit, 1-chip CPU, PMOS, -15V; 2nd source = National)
 4004 = CPU, 46 instrns., DIL16, with support 4001-02, 4201, 4269, 4289, 4308
 4014 = Calculator-orientated 4-bit PMOS chip, DIL16/DIL24, compatible with 4040 but now obsolete.
 MCS-4 = Intel name for 4004 family chip set
 FIPS = National Semiconductor version of MCS-4 family
 4014 See 4004
- 4040 FAMILY** (Intel, 4-bit, 1-chip CPU, PMOS, -10/+5V; 2nd source = National)
 4040 = CPU, 60 instrns. (inc. 4004 instrns.), DIL42, uses 4004 support chips
 MCS-40 = Intel name for 4040 family chip set
 FIPS = National Semiconductor version of MCS-40 family
- 4705 Short for F4705
 5701 Short for MMI-5701
 5782 Short for MM5782
 5799 Short for MM5799
 6100 Short for IM6100
 6500/1 Short for MCS6500/1
 6502 Short for MCS6502
 6516 Short for MCS6516
 6700 Alternate family name for MMI-5701
 6701 Short for MMI-6701
 6800 Short for MC6800
 6801 Short for MC6801
- 6802 Short for MC6802
 6805 Short for MC6805
 6808 Short for MC6808
 6809 Short for MC6809
 7150 Short for ITT7150
 7520 Short for μ PD7520
 8000 See LP8000 or Z8000
- 8008 FAMILY** (Intel, 8-bit, 1-chip CPU, PMOS, -9/+5V, 48 instrns., 4 IO, predecessor of 8080; 2nd source = none)
 8008 = CPU, DIL18
 MCS-8 = Intel family name for 8008 composite chip set
- 8021 See 8048
 8022 See 8048
 8035 See 8048
 8039 See 8048
 8041 See 8048
- 8048 FAMILY** (Intel, 8-bit, 1-chip controller, NMOS, +5V; 2nd sources = Advanced Micro Devices, Intersil, National, NEC, RCA, Signetics)
 8021 = 64 × 8 RAM, 1024 × 8 ROM, 21 IO, DIL28, 1MHz clock frequency, stripped-down, low-cost version of 8048
 8022 = 64 × 8 RAM, 2048 × 8 ROM, 27 IO, DIL40, 1MHz clock frequency, internal 8-bit ADC version of 8048
 8035 = 64 × 8 RAM, no ROM, 27 IO, 96 instrns., DIL40, ROMless prototyping version of 8048
 8039 = 128 × 8 RAM, no ROM, 27 IO, 90+ instrns., DIL40, ROMless prototyping version of 8049
 8040 = ROMless 8050
 8041 = 64 × 8 RAM, 1024 × 8 ROM, 18 IO, 90 instrns., DIL40, 1MHz clock frequency, slave peripheral controller
 8041A = 2MHz clock frequency version of 8041
 8048 = 64 × 8 RAM, 1024 × 8 ROM, 27 IO, 96 instrns., DIL40, 2MHz clock frequency, general purpose
 8049 = 128 × 8 RAM, 2048 × 8 ROM, 27 IO, 90+ instrns., DIL40, double-memory version of 8048
 8050 = enhanced 8048
 8741 = 64 × 8 RAM, 1024 × 8 EPROM, 18 IO, 90 instrns., DIL40, 2MHz clock frequency, EPROM version of 8041
 8748 = 64 × 8 RAM, 1024 × 8 EPROM, 27 IO, 96 instrns., DIL40, 2MHz clock frequency, EPROM version of 8048
 87C48 = CMOS version of 8748
 MCS-48 = Intel name for composite 8048 chip family
- 8049 See 8048
 8050 See 8048
 8060 Short for INS8060
 8070 Short for INS8070
 8072 Short for INS8072

- 8074** Short for INS8074
- 8080 FAMILY** (Intel, 8-bit, 1-chip CPU, NMOS, -5/+5/+12V, 78 instrns., 2nd sources=Advanced Micro Devices, Hitachi, Mitsubishi, National, NEC, Siemens, Signetics, Texas Instruments)
- 8080=CPU, DIL40, 2MHz clock frequency
- 8080A=CPU, DIL40, 3MHz clock frequency
- 9080=Advanced Micro Devices tightened specification version of 8080
- M58710=Mitsubishi version of 8080 CPU
- μPD753=DIL42 version of 8080 from NEC
- UCOM-8=family name for 8080 chip set
- MCOM-8=family name for 8080 chip set
- MSM3901=OKI version of 8080 CPU
- MELPS-8=Mitsubishi name for 8080 family
- MCS-80=Intel family name for 8080 chip set
- TMP9080A=Toshiba 8080A family CPU
- TLCS-80A=Toshiba 8080A family name
- 8085 FAMILY** (Intel, 8-bit, 1-chip CPU, enhanced 8080, NMOS, +5V; 2nd sources=Advanced Micro Devices, NEC, RCA, Siemens)
- 8085=CPU, on-chip clock, 80 instrns., 3MHz clock frequency, DIL40
- 8085A=5MHz clock version of 8085
- MCS-85=Intel family name for 8085 composite chip set
- 8086 FAMILY** (Intel, 16-bit, 1-chip CPU, NMOS, +5V; 2nd source=Mostek, Siemens)
- 8086=CPU, DIL40, with support 8259, 8282-84, 8286-88
- 8088 FAMILY** (Intel, 8/16-bit, 1-chip CPU, NMOS, +5V; 2nd source=Mostek, Siemens)
- 8088=CPU, DIL40, pseudo-16-bit, version of 8086, with support 8259, 8282-84, 8286-88)
- 8089 FAMILY** (Intel, 8/16-bit, 1-chip CPU, NMOS, +5V; 2nd source=Mostek)
- 8089=CPU, DIL40, pseudo 16-bit, input/output processor, IOP
- 8096 FAMILY** (National Semiconductor, 16-bit, 1-chip CPU, NMOS, +5V)
- 8096=CPU
- 8741 See 8048
- 8748 See 8048
- 8840 series See MB8840
- 8900 Short for INS8900
- 9002 Short for EA9002
- 9080 See 8080
- 9400 See F9405
- 9405 Short for F9405
- 9440 FAMILY** (Fairchild, 16-bit, 1-chip CPU, I2L, +5V; 2nd source=none)
- 9440=CPU, 42 instrns. from NOVA-1200, DIL40, 8-12MHz clock frequency, Microflame I
- 9445=CPU, NOVA-3 instrn. set, Microflame II
- Microflame=Fairchild alternate family name for 9440 family
- 9445 See 9440
- 9900 Short for TMS9900 or SBP9900
- 9940 Short for TMS9940
- 9980 Short for TMS9980
- 9981 Short for TMS9981
- 9985 Short for TMS9985
- 10000 Alternate name for MC10800 family
- 10800 Short for MC10800
- 11660 See PPS-4
- 11806 See PPS-8
- 12660 See PPS-4
- 12806 See PPS-8
- 14500 Short for MC14500
- 16000 Short for NS16000
- 29116 Short for AM29116
- 34705 See F4705
- 58710 Short for M58710
- 68000 Short for MC68000
- 100000 Short for F100220
- 100220 Short for F100220
- 141000 Short for MC141000
- 146805 Short for MC146805

Appendix C

Microprocessor LSI Chip Manufacturers (and Codings)

- ADM ADVANCED MICRO DEVICES**
Advanced Micro Devices Inc., 901 Thompson Place, Sunnyvale, CA94086, USA. (408-732-2400)
Advanced Micro Devices (UK) Ltd, 16 Grosvenor Place, London, SW1X 7HH, UK. (01-235-6380)
Advanced Micro Devices Mikroelektronik GmbH, 8000 Munchen 2, Herzog-Heinrich Str. 3, W. Germany. (089-539588)
- AEG AEG-TELEFUNKEN**
AEG-Telefunken, S/c, Div., Postfach 1109, 7100 Heilbronn, W. Germany. (17131-8821)
AEG-Telefunken (UK) Ltd, 217 Bath Rd., Slough, Berks SL1 4AW, UK. (0753 872101)
AEG-Telefunken, 570 Sylvan Ave., Englewood Cliffs, NJ 07632, USA. (201-568-8570)
- AMI AMERICAN MICROSYSTEMS**
American Microsystems Inc., 3800 Homestead Road, Santa Clara, CA95051, USA. (408-246-0330)
AMI Microsystems Ltd, 108A Commercial Road, Swindon, Wiltshire, UK. (Swindon 31345)
AMI Microsystems GmbH, D-8000 Munich 80, Rosenheimer Str., Suite 237, W. Germany. (089-48-30-81)
- BUR BURROUGHS**
- DGC DATA GENERAL**
Data General Corp., Route 9, Mail-stop 6-58, Southboro, MA01772, USA. (617-485-9100)
Data General Ltd, Hounslow House, 724-734 London Road, Hounslow, Middlesex, UK. (01-572-7455)
Data General Europe, 61 Rue de Courcelles, Paris, France. (766-51-78)
- DIG DIGITAL EQUIPMENT CORPORATION (DEC)**
Digital Equipment Corp., Components Group, 1 Iron Way, Marlboro, MA01752, USA (617-481-7400)
Digital Equipment Corp., 81 Route de L'aire. 1211 Geneva 26, Switzerland
Digital Equipment Co, Ltd, Digital House, Kings Road, Reading, Berks, UK. (0734-583555)
- ELA ELECTRONIC ARRAYS**
Electronic Arrays Inc., 550 E. Middlefield Rd., Mountain View, CA94043, USA. (415-964-4321)
Electronic Arrays, Analog Devices Ltd, Central Avenue, E. Molesey, Surrey, UK. (01-941-0466)
Electronic Arrays GmbH, 8 Munchen 70, Hofmannstrasse 20, W. Germany. (089-7853112)
- EMM EMM-SEMI**
EMM-SEMI, 2000 W. 14th St., Tempe, AZ, 85281, USA. (602-968-4431)
EMMNV, Europark 11-12, 2700 St. Niklaas, Belgium. (031-76-69-75)
EMM-Electronic Memories Ltd, 92 The Centre, Feltham, Middlesex TW13 4BH, UK. (01-751-1213)
- ESI ESSEX**
Essex International, 564 Alpha Drive, Pittsburgh, PA 15238, USA. (412-782-0200)
- FAS FAIRCHILD**
Fairchild Semiconductor, LSI Div., 464 Ellis St., Mountain View, CA94042, USA. (415-962-5011)
Fairchild Camera and Instrument Co. (UK) Ltd., 230 High St., Potters Bar, Herts EN6 5BU, UK. (0707-51111)
Fairchild Semiconductor GmbH, 6200 Wiesbaden 12, Postfach, 9549, Hagenauer Str., W. Germany. (06121-2051)
- FER FERRANTI**
Ferranti Ltd, Microprocessor Marketing Unit, Western Road, Bracknell, Berks RG12 1RA, UK. (0344-3232)
Ferranti Electric, E. Bethpage, Rd., Plainview, NY11803, USA. (516-293-8383)
- FUJ FUJITSU**
Fujitsu Ltd, Syuwa Onarimon Bldg, 1-1, Shinbashi 6-chome, Minato-ku, Tokyo 105, Japan. (03-437-2111)
Fujitsu America Inc., 2945 Kifer Rd., Santa Clara, CA95051, USA. (408-727-1700)
Fujitsu, Memec Ltd, Thame Park Ind. Estate, Thame, Oxon., OX9 3RS, UK. (084-421-3146)
- GEC GEC**
GEC Semiconductors Ltd, East Lane, Wembley, Middlesex, HA9 7PP, UK. (01-904-9303)
- GEI GENERAL INSTRUMENT**
General Instrument Corp., Microels. Div., 600 W. John St., Hicksville, NY11802, USA. (516-733-3107)
General Instrument Microelectronics Ltd, Regency House, 1/4 Warwick Street, London W1, UK. (01-439-1891)
General Instrument Deutschland GmbH, Nordenstrasse 1A, 8000 Munchen 40, W. Germany. (089-28-40-31)

- HAR HARRIS**
 Harris Semiconductor Div., PO. Box 883, Melbourne, FL32901, USA. (305-724-7400)
 Harris, Memec Ltd, Thame Park Ind. Estate, Thame, Oxon., OX9 3RS, UK. (084-421-3146)
 Harris Semiconductor, 53 Blvd. de Waterloo, Bte 5, B1000, Brussels, Belgium. (02-428-36-02)
- HEW HEWLETT-PACKARD**
 Hewlett Packard Corp., 640 Page Mill Road, Palo Alto, CA94304, USA. (415-493-1501)
 Hewlett Packard Ltd, King Street Lane, Winnersh, Wokingham, Berks., UK. (0734-784774)
 Hewlett Packard, GmbH, Bernerstrasse 117, D-6000, Frankfurt 56, W. Germany. (0611-50041).
- HIT HITACHI**
 Hitachi Ltd, Semiconductor Div., 6-2 Otemachi 2-chome, Chiyoda-ku, Tokyo 100, Japan. (03-270-2111)
 Hitachi Ltd, Electronic Devices, Sales and Services Div., 707 W. Algonquin Road, Arlington Heights, IL60005, USA. (312-593-7660)
 Hitachi Electronic Components (UK) Ltd, Hitachi House, Station Rd, Hayes, Middlesex UB3 4FR, UK. (01-848-8787)
- HUG HUGHES**
 Hughes Aircraft Co., Solid State Products Div., 500 Superior Ave, CA92663, USA. (714-759-2900)
 Hughes Microelectronics Ltd, Clive House, 12-18 Queens Road, Weybridge, Surrey UK. (Weybridge 47262)
- INL INTEL**
 Intel Corp., 3065 Bowers Ave, Santa Clara, CA95051, USA. (408-246-7501)
 Intel Corp. (UK) Ltd, Broadfield House, 4 Between Towns Road, Cowley, Oxford, OX4 3NB, UK. (0865-771431)
- INS INTERSIL**
 Intersil Inc., 10900 North Tantau Ave, Cupertino, CA95014, USA. (408-996-5000)
 Intersil Inc., 8 Tessa Road, Richfield Trading Estate, Reading, Berks., RG1 8ND, UK. (0734-595011)
 Intersil Inc., 3 Rue de Marly, 7800 Versailles, France. (01-953-4708)
- ITT ITT**
 ITT Semiconductors, 74 Commerce Way, Woburn, MA01801, USA. (617-935-7910)
 ITT Semiconductors, Maidstone Road, Footscray, Sidcup, Kent, DA14 5HT, UK. (01-300-3333)
 ITT Semiconductors Group Europe, Ave. Louise 480, 1050 Brussels, Belgium. (02-499-620)
- LSI LSI**
 LSI Computer Systems Inc., 1235 Walt Whitman, Road, Melville, NY11747, USA. (516-271-0400)
- MAR MATROX**
 Matrox Electronic Systems Ltd, 2795 Bates Road, Montreal, Quebec H3S 1B5, Canada. (514-481-6838)
- MAS MATSUSHITA-PANASONIC**
 Matsushita Electronic Corp., 1 Kotari-yakemachi, Nagaokakyo, Kyoto 617, Japan.
 Panasonic (Matsushita), 1 Panasonic Way, Secaucus, NJ 07094, USA. (201-348-1276)
 Matsushita National Panasonic (UK) Ltd, 107/9 Whitby Road, Slough, Berks., UK. (0753 27516)
- MCN MICRO NETWORKS**
 Micro Networks Corp., 324 Clark St., Worcester, MA 01606, USA. (617-852-5400)
- MIC MARUMAN**
 Maruman Integrated Circuits, 1237 Midas Way, Sunnyvale, CA94086, USA. (408-245-6780)
- MIL MITEL**
 Mitel Semiconductor, 18 Airport Blvd, Bromont, Quebec JOE-1L0, Canada. (514-534-2321)
 Mitel Telecomms. Ltd, 1A Albert St, Slough, Berks, SL1 2BL, UK. (0753-28154)
 Mitel Semiconductor, 2831 Camino Del Rio So., San Diego, CA 92108, USA. (714-299-4888)
- MIT MITSUBISHI**
 Mitsubishi Electric, Corp., Mitsubishi Denki Bldg, Marunouchi, Tokyo 100, Japan. (03-218-3473)
 Melco Sales Inc., 3030 E. Victoria St, Compton, CA 90221, USA. (213-537-7132)
 Mitsubishi Semiconductors, Mitsubishi Electric (UK) Ltd, Otterspool Way, Watford, Herts., WD2 8LD, UK.
- MMI MONOLITHIC MEMORIES (MMI)**
 Monolithic Memories Inc., 1165 E. Arques Ave, Sunnyvale, CA 94086, USA. (408-739-3535)
 Memory Devices Ltd, Central Ave, East Molesey, Surrey, KT8 OSN, UK. (01-941-1066)

- MSC MOSTEchnology**
 MOS Technology Inc., Valley Forge Corp., Centre,
 950 Rittenhouse Rd, Norristown, PA 19401,
 USA. (215-66-7950)
 MOS Technology, G.R. Electronics Ltd, 80 Church
 Road, Newport, Gwent, UK. (0633-67426)
- MSK MOSTEK**
 MOSTEK Corp., 1215 W. Crosby Rd, Carrollton,
 TX 75006, USA. (214-242-0444)
 MOSTEK UK Ltd, Masons House, 1-3 Valley
 Drive, Kingsbury Rd, London NW9, UK.
 (01-204-9322)
 MOSTEK International, 150 Chaussee de la
 Hulpe, B1170, Brussels, Belgium. (02-660-
 2568)
- MTS MOTOROLA**
 (Bipolar) Motorola Semiconductor Prod., Div.,
 5005 E McDowell Rd., Phoenix, AZ 85008,
 USA. (602-244-6900)
 (Mos) Motorola Semiconductor Product Div.,
 3501 Ed Bluestein Blvd, Austin, TX 78721,
 USA. (512-928-2600)
 Motorola Ltd, Semiconductor Prods. Div., York
 House, Empire Way, Wembley, Middlesex
 HA9 OPR, UK. (01-902-8836)
 Motorola Inc., Semiconductor Prods. Div., 16
 Chemin de la Boie-creuse, 1211 Geneva 20,
 Switzerland (022-33-56-07)
- MUL MULLARD (see Signetics)**
- NAT NATIONAL SEMICONDUCTOR**
 National Semiconductor Corp., 2900 Semicon-
 ductor Drive, Santa Clara, CA 95051, USA.
 (408-737-5000)
 National Semiconductor (UK) Ltd, 301 Harpur
 Centre, Horne Lane, Bedford, MK40 1TR, UK.
 (0234-211262)
 National Semiconductor GmbH, 808 Fuersten-
 feld-Bruck, Industriestrasse 10, W. Germany.
 (08-141-1371)
- NEC NEC**
 Nippon Electric Co., Ltd, Internation Elect. Devs.
 Div., 33-1, Shiba Gochome, Minato-ku, Tokyo
 108, Japan, (Tokyo 454-1111)
 NEC Microcomputers Inc., 173 Worcester St,
 Wellesley, MA 02181, USA. (617-237-1910)
 NEC Electronics (Europe), 43 Civic Square,
 Motherwell, ML1 1TH, UK. (0698-69121)
 NEC Electronics (Europe), GmbH, Karlstrasse
 123-127, 4000 Dusseldorf 1, W. Germany.
 (0211-360971)
- PAN PANAFACOM**
 Panafacom Ltd, 10-16 Jiyugaoka, 2-chome,
 Meguro-ku, Tokyo 152, Japan. (03-718-3351)
 Panasonic (see Matsushita-Panasonic)
- PHI PHILIPS**
 N.V. Philips Gloeilampenfabriken, Products Div.,
 Eicom, Bldng. BA, Eindhoven, Holland,
 (040-79-1111)
- PLE PLESSEY**
 Plessey Microsystems, Water Lane, Towcester,
 Northants., NN12 7JN, UK. (0327-50312)
 Plessey Microsystems, 1641 Kaiser Ave., Irvine,
 CA 92714, USA. (714-540-9931)
 Plessey GmbH, 8 Munchen 40, Motorstrasse 56,
 W. Germany. (089-351-6021)
- RAY RAYTHEON**
 Raytheon Co., Semiconductor Div., 350 Ellis St.,
 Mountain View, CA 94042, USA. (415-968-
 9211)
 Raytheon Semiconductor, The Pinnacles, Harlow,
 Essex, CM19 5BB, UK. (0279-419310)
 Raytheon Halbleiter GmbH, European HQ, Thal-
 kirchnerstrasse, 74, D-8000 Munich 2,
 W. Germany. (089-539693)
- RCA RCA**
 RCA Solid State Div., Box. 3200, Route 202,
 Somerville, NJ 08876, USA. (201-485-6462)
 RCA Ltd, Solid State-Europe, Windmill Road,
 Sunbury-on-Thames, Middx. TW16 7HW, UK.
 (04106-2001)
- ROK ROCKWELL**
 Rockwell International Corp., Microels. Dev. Div.,
 Box 3669, 3310 Miraloma Ave., Anaheim,
 CA 92803, USA. (714-632-3729)
 Rockwell International, Fraunhoferstrasse, 11,
 8033, Munchen-Martinsried, W. Germany.
 (089-859-9575)
 Rockwell, Pelco (Electronics) Ltd, 83-85 Western
 Rd, Hove, Sussex BN3 1JB, UK. (0273-
 722155)
- SMS SCIENTIFIC MICRO SYSTEMS (SMS)**
 Scientific Micro Systems Inc., 520 Clyde Ave,
 Mountain View, CA 94043, USA.
 (415-964-5700)
 SMS, Memec Ltd, Thame Park Ind. Estate, Thame,
 Oxon., OX9 3RS, UK. (084-421-3146)
- SGS SGS-ATES**
 SGS-ATES Componenti Elettronica Spa, Via C
 Olivetti 1, 20041 Agrate-Brianza, Milano, Italy.
 (039-65341)

- SGS/ATES (UK) Ltd, Planar House, Walton St, Aylesbury, Bucks., UK. (0296-5977)
 SGS-ATES Semiconductor Corp., 79 Massasoit St, Waltham, MA 02154, USA. (617-3710)
- SIE SIEMENS**
 Siemens AG, Richard-Strauss-strasse 76, Postfach 202109, 8000 Munchen 2, W. Germany. (089-9221-1)
 Siemens Corp., 186 Wood Ave, South Iselin, NJ 08830, USA. (201-494-1000)
 Siemens Ltd, Siemens House, Windmill Road, Sunbury-on-Thames, Middx, TW16 7HS, UK. (09327-85691)
- SIG SIGNETICS-PHILIPS**
 Signetics Corp., 811 E. Arques Ave, Sunnyvale, CA 94086, USA. (408-739-7700)
 Signetics, Mullard, Ltd, Mullard House, Torrington Place, London, WC1E 7HD, UK. (01-580-6633)
 Signetics GmbH, D-7 Stuttgart 80, Ernst-haldenstr. 17, W. Germany. (0711-73-50-61)
- SSC SOLID STATE SCIENTIFIC**
 Solid State Scientific Inc., Montgomeryville Ind. Park, Montgomeryville, Pa 18936, USA. (215-855-8400)
 SSC Semiconductor Ltd, Short St, High Wycombe, Bucks., HP11 2QH, UK. (0494-36381)
- STM STANDARD MICROSYSTEMS**
 Standard Microsystems Corp., 35G Marcus Boulevard, Hauppauge, NY 11787, USA. (516-273-3100)
 Rastra Electronics, 275-281 King St, Hammer-smith, London W6 9NF, UK. (01-748-3143)
- SYN SYNERTEK**
 Synertek Inc., 3001 Stender Way, Santa Clara, CA 95051, USA. (408-988-5600)
 Synertek, Memec Ltd, Thame Park Ind. Est., Thame, Oxon., OX9 3RS, UK. (084-421-3146)
- TEL TELEDYNE**
 Teledyne Semiconductor, 1300 Terra Bella Ave, Mountain View, CA 94043, USA. (415-968-9241)
 Teledyne Semiconductor, Heathrow House, Bath Road, Cranford, Hounslow, Middlesex, TW5 9QP, UK. (441-897-2501)
- TII TEXAS INSTRUMENTS**
 (Bipolar) Texas Instruments Inc., Bipolar Dig. Cct. Div., Houston, TX 77001, USA. (713-491-5115)
 (MOS) Texas Instruments Inc., MOS Prods Div., Houston, TX 77001, USA. (713-776-6511)
 Texas Instruments, Manton Lane, Bedford, MK41 7PA, UK. (0234-67466)
 Texas Instruments Deutschland GmbH, Haggerty-strasse 1, 8080 Freising, W. Germany. (08161/80-1)
- THC THOMSON-CSF**
 Thomson CSF Semiconductor Div., 50, Rue Jean-Pierre Timbaud, BP120, 92403 Courbevoie, France. (01-788-50-51)
 Thomson-CSF UK Ltd, Ringway House, Bell Rd, Daneshill, Basingstoke, Hants, RG24 0QG, UK. (0256-29155)
- TOS TOSHIBA**
 Tokyo Shibaura Ltd, Semicon. Div., 2-Iginza, 5-chome Chou-ku, Tokyo, Japan. (571-5711)
 Toshiba (UK) Ltd, Toshiba House Frimley Rd, Frimley, Camberley, Surrey, GU16 5JJ, UK. (Camberley 62222)
 Toshiba America OEM Div., 5235 N. Elston Ave, Chicago, IL 60630, USA. (312-545-5123)
- TRW TRW**
 TRW, LSI Prods. Div., Box 1125, Redondo Beach, CA 90278, USA. (213-535-1831)
 TRW, MCP Electronics, Station Wharf, Alperton, Wembley, Middx., HA0 4PE, UK. (01-902-5941)
- WDC WESTERN DIGITAL**
 Western Digital Corp., 3128 Red Hill Ave, Newport Beach, CA 92663, USA. (714-557-3550)
- ZLG ZILOG**
 Zilog Inc., 10460 Bubb Rd, Cupertino, CA 95014, USA. (408-446-4666)
 Zilog (UK) Ltd, Babbage House, King Street, Maidenhead, Berks, UK. (0628-36131)

Appendix D

Semiconductor LSI Technologies (and Codings)

| | |
|-----------------------|---|
| BIP | Bipolar |
| CCD | Charge Coupled Device (MOS) |
| CDIB | Collector Diffusion Isolation, Bipolar |
| CMOS | Complementary MOS |
| ECL | Emitter Coupled Logic (BIP) |
| ESFI | Epitaxial Silicon Film on Insulator (NMOS) |
| FAMOS | Floating Avalanche-gate MOS |
| HMOS | High-speed MOS (Small geometry) (Also High-density or High-performance) |
| I²L | Integrated-injection logic (Integrated=$I \times$ Injection=I, logic=L gives I²L) |
| I³L | Isoplanar Integrated Injection Logic |
| LSTB | Low-power Schottky TTL, Bipolar |
| MBM | Magnetic Bubble Memory |
| MNOS | Metal- Nitride- Oxide on Silicon (MOS) |
| MOS | Metal Oxide Silicon Field-effect Transistor |
| NMOS | N- channel MOS |
| PMOS | P- channel MOS |
| SOS | Silicon- On- Sapphire MOS |
| STLB | Schottky TTL Bipolar |
| TTLB | Transistor-Transistor Logic, Bipolar |
| VMOS | Vertical (or V-groove) MOS |

Appendix E

Microprocessor Packages (and Codings)

In the data tabulations, the IC packages (cases) are specified by a four-part coding system. Diagrams for each of the codings are set out in this appendix.

As an illustration, DIL-12/1P divides into four parts:

| | | | |
|-------------|---|-------------------------------------|----------------------|
| DIL- (1) | 12 (2) | /1 (3) | P (4) |
| (Casing) | (Number of lead positions including blanks) | (Serial number of package variants) | (Main body material) |

(1) Casing types:

- BML=beam lead.
- CFL=flip chip.
- CHP=chip.
- DIL=dual in line.
- DIM=modified dual in line.
- FLP=flat pack.
- QIL=quad in line.
- TO5=TO5 can.
- TO8=TO8 can.
- XTR=special.

(4) Main body material

- C=ceramic
- G=glass
- M=metal
- P=plastic
- Q=quartz-window

| <p>BML (Beam lead chip)</p> <p>(for details see manufacturer's data sheet)</p> | <p>CFL (Flip chip)</p> <p>(for details see manufacturer's data sheet)</p> | <p>CHP (Chip-face up)</p> <p>(for details see manufacturer's data sheet)</p> | <p>DIL-N/X (Dual-in-line)</p> <table border="1"> <tr> <th>(x)</th> <th>(d)</th> </tr> <tr> <td>1</td> <td>0.3in</td> </tr> <tr> <td>2</td> <td>0.6in</td> </tr> <tr> <td>3</td> <td>0.9in</td> </tr> <tr> <td>4</td> <td>0.4in</td> </tr> </table> | (x) | (d) | 1 | 0.3in | 2 | 0.6in | 3 | 0.9in | 4 | 0.4in | | | | | | | | | | | | |
|--|--|---|---|------|-----|------|-------|------|-------|------|--|-----|-------|---|-------|---|-------|---|-------|---|-------|---|------|--------------------------------------|---------------------------------|
| (x) | (d) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0.3in | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 0.6in | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 0.9in | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 0.4in | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>DIM-N/X (Modified dual-in-line)</p> <table border="1"> <tr> <th>(x)</th> <th>(d)</th> </tr> <tr> <td>1</td> <td>.3in</td> </tr> <tr> <td>2</td> <td>.6in</td> </tr> <tr> <td>3</td> <td>.9in</td> </tr> <tr> <td>4</td> <td>.4in</td> </tr> </table> | (x) | (d) | 1 | .3in | 2 | .6in | 3 | .9in | 4 | .4in | <p>FLP-N/X (Flat pack)</p> <table border="1"> <tr> <th>(x)</th> <th>(d)</th> </tr> <tr> <td>1</td> <td>.14in</td> </tr> <tr> <td>2</td> <td>.18in</td> </tr> <tr> <td>3</td> <td>.25in</td> </tr> <tr> <td>4</td> <td>.35in</td> </tr> <tr> <td>5</td> <td>.8in</td> </tr> </table> | (x) | (d) | 1 | .14in | 2 | .18in | 3 | .25in | 4 | .35in | 5 | .8in | <p>QIL-N/1 (Quad-in-line)</p> | <p>TO5-N/1 (TO5 can)</p> |
| (x) | (d) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | .3in | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | .6in | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | .9in | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | .4in | | | | | | | | | | | | | | | | | | | | | | | | |
| (x) | (d) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | .14in | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | .18in | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | .25in | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | .35in | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | .8in | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>TO8-N/1 (TO8 can)</p> | <p>XTR (Special)</p> <p>non-standard package—refer to manufacturer's data sheet</p> | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix F

Microprocessor Trainer and Development Systems

Abacus – Z80 Microcomputer (Information Control Corp, Los Angeles, CA, USA)

(Z80 based; 6 card; +5/±12V dc)

Abacus – 8080A Single Board Microcomputer (Information Control, Los Angeles, USA)

(8080A version of ABACUS Z80)

Abacus Micromodules (Information Control Corp, Los Angeles, CA, USA)

(Range of small 3×2 in. circuit boards with variety of card cages; MX800 range=8080 base; MZ600 range=Z80 based)

ABC 1500 Adaptable Board Computer (Signetics, Sunnyvale, CA, USA)

(2650 based; 512 RAM; 1K ROM; single card)

ACS 4040-MC Microcomputer (Altos Computer Systems, Santa Clara, CA, USA)

(4040 based; 80 RAM; 8K ROM; 256 PROM; 2-card; +5/-9/-10/±12V dc)

ACS 8080-MC Microcomputer (Altos Computer Systems, Santa Clara, CA, USA)

(8080A based; 1K RAM; 256 ROM; 256 PROM; 2-card; ±5/-9/±12V)

AIM 1 Microprocessor Trainer System (Rockwell International, Anaheim, CA, USA)

(As AIM 65)

AIM 65 Microprocessor Trainer System (Rockwell International, Anaheim, CA, USA)

(6502 based; 1K RAM; 8K ROM; 2 cards; +5/+24V dc; 20 column thermal printer on CPU card; separate card-mounted keyboard; TTY interface)

Albetros (Albetros, Wokingham, UK)

(Development system for Micronova; 32K RAM; dual floppy disk store; VDU; keyboard)

Altair 680B Microcomputer (MITS-ALTAIR, Albuquerque, NM, USA)

(6800 based; 1K RAM; 256 ROM; Cabinet with single card and full multi-switch, multi-LED-light front panel; internal dc supply; 3 spare slot motherboard; not S100 bus compatible)

AMC 95/4000 Monoboard Computer (Advanced Microcomputers, Irvine, CA, USA)

(Single card; 4K RAM; 12K ROM sockets; Intel multibus)

AMPL Advanced Microprocessor Prototyping Laboratory (Texas Instruments)

(Desk unit, emulators for TMS 9900, 9980, 9940 and SBP 9900)

Apple Single Board Computer (Apple Computer Inc., Cupertino, CA, USA)

(6502 based; 4K RAM; 8K ROM; video interface; single card; keyboard interface)

Apple I (Apple Computer Inc., Cupertino, CA, USA)

(6502 based; 4K RAM; 256 ROM; single board microcomputer; cabinet with internal dc supply; VDU; keyboard interface)

ASC/80 Microcomputer (Applied Systems, St Clair Shores, MI, USA)

(8085 based, optionally Z80 or 6800; 512 RAM; 4K ROM; single card; +5V dc; 20mA current loop interface)

Astral 2000 Microcomputer (M & R Enterprises, Sunnyvale, CA, USA)

(6800 based; 8K RAM; 16K ROM; cabinet; line supply)

AT-811-3 Microcomputer System (Martin Research, Northbrook, IL, USA)

(8080 based; 2K RAM; 2K ROM; 4-card; ±5/+12V dc)

AZPU Single Board Microprocessor (Affordable Computer Products, Santa Clara, USA)

(Z80 based; single card CPU; S100 bus)

Baby 1 Microcomputer (STM Systems, Mount Vernon, NH, USA)

(Attache case; integral keyboard)

BCI-1 Single Board Microcomputer (Dynabyte, Woodside, CA, USA)

(Z80 based; 4K RAM; 8K ROM; 1-card; +5/±12/+26V dc; 16 LEDs; programmer, video and cassette interfaces; 8 relay outputs)

Bear 77-68 . . . see NEWBEAR 77-68

BEM-CPU1 Single Board Microprocessor (Brutech, Holland)

(6502 based; 32 RAM; single card)

BLC 80/10 Single Board Microcomputer (National Semiconductor, Santa Clara, CA, USA)

(8080A based; 1K RAM; 4K EPROM; single card; Intel multibus; ±5/±12V dc)

BLC 80/11 Single Board Microcomputer (National Semiconductor, Santa Clara, CA, USA)

(Extra RAM version of BLC 80/10)

BLC 80/12 Single Board Microcomputer (National Semiconductor, Santa Clara, CA, USA)

(Extra RAM version of BLC 80/10)

BLC 80/14 Single Board Microcomputer (National Semiconductor, Santa Clara, CA, USA)

(Extra RAM version of BLC 80/10)

BLC 80/204 Single Board Microcomputer (National Semiconductor, Santa Clara, CA, USA)

(8080A based; 4K RAM; 4K ROM; single card; Intel multibus; ±5/±12V dc)

- BYT-8 (Full Panel) Microcomputer** (Byte Shops)
(8080A based; S100 bus; cabinet with 24 switches and 16 LED display lamps on front panel and internal power supply; 10-slot motherboard; 1K RAM; 2K PROM)
- BYT-8 (Limited Panel) Microcomputer** (Byte Shops)
(As BYT-8-Full-Panel, except that only restart/start switch and 'Power On' indicator on front panel; 1K RAM; 2K PROM)
- C-3D Software Development System** (Computerware, Encinitas, CA, USA)
(Z80 based; cabinet with CRT, printer, floppy disk, PROM programmer)
- CCS 1025-1 Single Board Microcomputer** (Control Logic, Natick, MA, USA)
(8080A based; 1K RAM; 5K max. PROM sockets; single card with 50-pin flexible cable connector; -9/+5/+12V dc; current loop interface)
- CCS 1143 Single Board Microcomputer** (Control Logic, Natick, MA, USA)
(Z80 based; 1K RAM; 16K max. ROM; single card; $\pm 5/\pm 12$ V dc; current loop with video interfaces)
- CDP 18S012** . . . see COSMAC MICROTUTOR II
- CDP 18S020 Evaluation Kit** (RCA, Somerville, NJ, USA)
(1802-based; 256 RAM; LED bus monitor; external TTY required)
- CDP 18S030 COSMAC Micromonitor** (RCA, Somerville, NJ, USA)
(stand-alone unit for CDP 1802/4 realtime software and hardware debugging-interfaces direct to COSMAC Development System)
- Central Data 2650 Single Board Microcomputer** (Central Data, Champaign, IL, USA)
(2650 based; 2K RAM; 1K ROM; single card)
- Challenger Superboard I** (Ohio Scientific, Aurora, OH, USA)
(6800 based; single board microcomputer)
- Challenger Superboard II** (Ohio Scientific, Aurora, OH, USA)
(6502 based; single board microcomputer; 4K RAM; 8K ROM; QWERTY keyboard on card; cassette interface)
- Challenger II-4P Two-Board Microcomputer** (Ohio Scientific, Aurora, OH, USA)
(Similar to Challenger Superboard II, but in two cards with open slots for expansion)
- CMC 68/04 Single Board Microcomputer** (RCI/Data)
(6802 based; 256 RAM; 4K max. ROM; single card; +5V dc)
- CMC 68/15B Single Board Microcomputer** (RCI/Data)
(6800 based; 1K RAM; 16K max. ROM; single card; +5/ ± 12 V dc)
- CMC 68/15C Single Board Microcomputer** (RCI/Data)
(6800 based; 1K RAM; 16K max. ROM; single card; +5/ ± 12 V dc; MODEM interface)
- CMC 68/15G Single Board Microcomputer** (RCI/Data)
(6800 based; 1K RAM; 16K max. ROM; single card; +5/ ± 12 V dc; IEEE 488 GPIB controls)
- COSMAC Development System** (RCA, Somerville, NJ, USA)
(for CDP 1802/4-based systems, comprising CDP 18S005 Development System II, dual minifloppy, visual display unit)
- COSMAC Microtutor II (CDP 18S012)** (RCA, Somerville, NJ, USA)
(1802 based; single board; on-board switches and LEDs)
- COSMAC Micromonitor** (see CDP 18S030)
- CPU 81 Single Card Microcomputer** (Kone-OY, Instrument Div.)
(8080A based; 1K RAM; 2K max. ROM; single Eurocard; $\pm 5/\pm 12$ V dc)
- Cramerkit, F8 Microcomputer** (Cramer Electronics, Newton, MA, USA)
(F-8 based; 8K RAM; 8K PROM; single card; $\pm 5/\pm 12$ V dc)
- Cramerkit, 6800 Microcomputer** (Cramer Electronics, Newton, MA, USA)
(6800 based; 8K RAM; 8K PROM; single card; on-board sws and LEDs; $\pm 5/+ 12$ V dc)
- Cramerkit, 8080A Microcomputer** (Cramer Electronics, Newton, MA, USA)
(8080A based; 8K RAM; 8K PROM; single card; $\pm 5V/+ 12$ V dc)
- Cramerkit, TMS 8080 Microcomputer** (Cramer electronics, Newton, MA, USA)
(8080 based; 8K RAM; 8K PROM; single card; $\pm 5/+ 12$ V dc)
- Cramerkit, Cosmac Microcomputer** (Cramer Electronics, Newton, MA, USA)
(1802 based; 8K RAM; 8K PROM; single card; $\pm 5/+ 12$ V dc)
- Cramerkit, 9080 Microcomputer** (Cramer Electronics, Newton, MA, USA)
(9080 based; 8K RAM; 8K PROM; single card; $\pm 5/+ 12$ V dc)
- Cramerkit, 9900 Microcomputer** (Cramer Electronics, Newton, MA, USA)
(9900 based; 16-bit; 32K RAM; 32K PROM; single card; $\pm 5/+ 12/+ 28$ V dc)

- Crofton 6800 Microcomputer** (Crofton, Twickenham, UK)
(6800 based; motherboard with 2 cards; 256 +2K RAM;
512 +2K ROM; separate keyboard)
- Cromemco-Z1 Microcomputer** (Cromemco, Mountain
View, CA, USA)
(Z80 based; S100 bus; adapted IMSAI 8080 chassis)
- Cromemco-Z2 Microcomputer** (Cromemco, Mountain
View, CA, USA)
(Z80 based; S100 bus; cabinet with internal dc supply and
21-slot motherboard; 32K RAM; 1K PROM)
- Cromemco-Z2D Microcomputer** (Cromemco, Mountain
View, CA, USA)
(Z80 based; Z2 with integral single or dual minifloppy disk
unit)
- Cromemco-Z2K Microcomputer** (Cromemco, Mountain
View, CA, USA)
(Kit version of Cromemco-Z2)
- Cromemco-Z2W Microcomputer** (Cromemco, Mountain
View, CA, USA)
(Assembled version of Cromemco-Z2)
- CRT System** (Sphere Corp., North Salt Lake, UT, USA)
(6800 based; 512 RAM; 2-card; video interface; $\pm 5/-12V$
dc)
- CSB 1 Microcomputer** (COMPAS)
(6502 based; 2K RAM; 8K ROM; single card; +5V dc)
- CSB 2 Microcomputer** (COMPAS)
(6502 based; 2K RAM; 8K ROM; single card; +5V dc.
RS232 and 20mA current loop)
- CUB Microcomputer** (Newbear, Newbury, UK)
(6800 based; cabinet; keyboard; 4K RAM)
- Data Handler Microcomputer** (Western Data, Santa Clara,
CA, USA)
(6502 based; 1K RAM; S100 bus; single card with integral
26-key calculator-style keyboard and LED lamp array)
- DB 8/1 Microcomputer** (Dynabyte, Woodside, CA, USA)
(Front panel; no keyboard, VDU, cassette or disks)
- DB 8/2 Microcomputer** (Dynabyte, Woodside, CA, USA)
(DB 8/1 +2 minifloppies)
- DB 8/4 Microcomputer** (Dynabyte, Woodside, CA, USA)
(DB 8/1 +2 standard floppies)
- DB/65 Microcomputer** (COMPAS)
(6502 based; 2K RAM; 3K ROM; cabinet; 6500 in-circuit-
emulator; +5V dc; current loop and RS 232C interfaces)
- DB 1650 PIC Development System** (General Instrument,
Hicksville, NY, USA)
(Single board microcomputer; PIC1650 based)
- DB 8900 Home Information Development System**
(General Instrument, Hicksville, NY, USA)
(Single board development system based on 8900 com-
plement of chips)
- DB 8950 Home Information Development System**
(General Instrument, Hicksville, NY, USA)
(Single board development system based on 8950 com-
plement of chips)
- DEC 04 Single Board Microcomputer** (Digital Equipment
Corp., Maynard, MA, USA)
(4004 based; 4-bit; 320 RAM; single card; +5/+12V dc)
- DEC 68 Single Board Microcomputer** (Digital Equipment
Corp., Maynard, MA, USA)
(6800 based; 8K RAM; 8K ROM; single card; line supply)
- DG 6502 Microcomputer** (Digital Group, Denver, CO, USA)
(6502 based; 2K RAM; 256 PROM; 3-card; line supply)
- DG 6800 Microcomputer** (Digital Group, Denver, CO, USA)
(6800 based; 3K RAM; 256 PROM; 3-card; line supply)
- DG 8080 Microcomputer** (Digital Group, Denver, CO, USA)
(8080 based; 2K RAM; 256 PROM; 3-card; line supply)
- DG Z80 Microcomputer** (Digital Group, Denver, CO, USA)
(Z80 based; 2K RAM; 256 PROM; 3-card; line supply)
- DK 6800 Single Board Microcomputer** (Digitek, Gross
Pont, MI, USA)
(6800 based; 1K RAM; 4K ROM; single board; Exorciser
bus; current loop, RS 232C and video interfaces; +5/ $\pm 12V$
dc)
- DL 8A Microcomputer** (Data Numerics)
(8080 based; 64K max. memory; 4-cards; +5/ $\pm 12V$ dc)
- DS 14500 Industrial Control Unit (ICU) Demonstration
System** (Motorola Semiconductors, Phoenix, AZ, USA)
(low-cost development tool for MC 14500 family)
- Ease 1001 Single Board Microcomputer** (Electronic Arrays,
Mountain View, CA, USA)
(9002 based; 64 RAM; 2K ROM; single card)
- Ease 1002 Single Board Microcomputer** (Electronic Arrays,
Mountain View, CA, USA)
(9002 based; 64 RAM; 1K ROM; single card)
- Ease 2000 Microcomputer** (Electronic Arrays, Mountain
View, CA, USA)
(9002 based; 64 RAM; 1K ROM; cabinet; card cage; line
supply)
- Elf Single Board Microcomputer**
(Popular Electronics' article design)
- Elf II Single Board Microcomputer** (Netronics, New Milford,
CT, USA)
(1802 based; 256 RAM; single board with integral 20-key
calculator-style keyboard, 2-digit LED display and 5 ex-
pansion slots; video interface)
- Equinox 100 Microcomputer** (Equinox-Parasitic, Albany,
CA, USA)

- (8080A based; 512 RAM; 512 ROM; S100 bus; cabinet with front panel calculator-style keyboard and 10-digit LED display)
- ETC 1000 Basic System** (Electronic Tool Company, Hawthorne, CA, USA)
(6502 based; 1K RAM; 512 EPROM; cabinet with integral 40-key keyboard and 8-digit LED display; audio interface; internal dc supply)
- ETC 1407 Microcomputer** (Electronic Tool Company, Hawthorne, CA, USA)
(8080A based; 1K RAM; 512 EPROM; 2-card)
- ETC 1409 Microcomputer** (Electronic Tool Company, Hawthorne, CA, USA)
(6800 based; 1K RAM; 512 EPROM; 2-card)
- ETC 1411 Microcomputer** (Electronic Tool Company, Hawthorne, CA, USA)
(F8 based; 1K RAM; 512 EPROM; 2-card)
- ETC 1413 Microcomputer** (Electronic Tool Company, Hawthorne, CA, USA)
(6502 based; 1K RAM; 512 EPROM; 2-card)
- ETC 1415 Microcomputer** (Electronic Tool Company, Hawthorne, CA, USA)
(Z80 based; 1K RAM; 512 EPROM; 2-card)
- 'Etcetera' Systems** . . . see ETC series
- Evakit 80 Evaluation System** (NEC Microcomputers, Lexington, MA, USA)
(8080A based; 8K RAM; 16K ROM; single card; on-board keyboard and LED readout)
- Evaluation Kit 1802** (RCA, Somerville, NJ, USA)
(1802 based; 256 RAM; 512 ROM; single card; on-board keyboard and LED readout)
- Evaluation Kit II Microcomputer System** . . . see MEK 6800D2
- Evaluation Mod 2** . . . see MEK 6800D2
- EVK 99 Microprocessor Evaluation Kit** (American Microsystems Inc., Santa Clara, USA)
(For single board microcomputer; 512 RAM; 2K ROM; 6800 based; +5/-12V dc)
- EVK 100 Microprocessor Evaluation Single Board Microcomputer** (American Microsystems Inc., Santa Clara, CA, USA)
(Assembled version of EVK 99 kit)
- EVK 200** . . . kit form of EVK 300 below
- EVK 300 Microprocessor Evaluation Single Board Microcomputer** (American Microsystems Inc., Santa Clara, CA, USA)
(6800 based; 8-bit; single card; 1K RAM; 4K (P)ROM; current loop and RS232C interfaces; +5/±12V dc; 'BASIC' language)
- 'Exorciser' Design Development System** (Motorola Semiconductors, Phoenix, AZ, USA)
(6800 based; 24K ROM; cabinet; 2-card; full range of peripherals available)
- F8 'Formulator' Single Board Training System** (Fairchild Semiconductors, San Jose, CA, USA)
(F8 based; 512 RAM; single card; trainer; +5V/±12V)
- F8 Micro Pro** . . . see Micro Pro Microcomputer Card.
- F8 Survival Kit** (Mostek, Carrollton, TX, USA)
(F8 based; 1K RAM; 1K ROM; single card; +5/+12V dc; external TTY required)
- Familiarizer** . . . see 6502 FAMILIARIZER
- FD 1665 Single Board Microcomputer** (General Instrument, Hicksville, NY, USA)
(Single board field demonstration system for PIC family chips)
- FDS-1 Development System** (Ferranti, for F100L family, twin floppies, teletype or VDU i/o)
- Focus 16 Development System** (Fairchild, mini-computer based for 9440 Microflame family)
- 'Formulator'** . . . see F8 FORMULATOR.
- GIC 1601 Microcomputer** (General Instrument, Hicksville, NY, USA)
(CP1600 based; 8K RAM; 3K ROM; cabinet and card cage)
- Gimini Microcomputer System** (General Instrument, Hicksville, NY, USA)
(Complete microcomputer system with 13-slot backplane for expansion)
- Gimini II Microcomputer** (General Instrument, Hicksville, NY, USA)
(Complete microcomputer system with 7-slot backplane for expansion)
- Hal Eight Thousand** . . . see MCEM 8080
- Heath ET-3400 Microprocessor Trainer** (Heath Co., Benton Harbor, MI, USA)
(6800 based; 256 RAM; 1K ROM; 17-key keyboard; 6-digit LED readout)
- Heath H8 Digital Computer** (Heath Co., Benton Harbor, MI, USA)
(8080A based; 4K, expandable to 16K, RAM; 1K ROM; cabinet with 16-key calculator-style keyboard and 9-digit LED readout; 10-slot motherboard; S100 bus compatible)
- Hewlett Packard 5036A Microprocessor LAB** (Hewlett Packard, Cupertino, CA, USA)
(Briefcase; 1K RAM; 2K ROM; 25-key keyboard; 6-digit LED display)
- I-8080 Microcomputer System** (IMS Associates)
(8080 based; 1K RAM; 1K ROM; 2-card + 10/± 18V dc)

- Ice-80 Single Board Computer** (California Microcomputer)
(8080 based; in-circuit emulator)
- Ice-280 Single Board Computer** (California Microcomputer)
(280 based; in-circuit emulator)
- IMSAI 8048 Single Board Control Computer** (IMSAI, San Leandro, CA, USA)
(8048 based; 1K RAM; 1K ROM; single card with integral 24-key calculator-style keyboard and 9-digit LED display; cassette interface)
- IMSAI PCS-80/10 Microcomputer** (IMSAI, San Leandro, CA, USA)
(Formerly IMSAI 8080; 8080A based; S100 bus; cabinet with 22 switches and 40 LED lights on front panel; internal dc supply)
- IMSAI PCS-80/15 Microcomputer** (IMSAI, San Leandro, CA, USA)
(8085 based equivalent of PCS-80/10)
- IMSAI PCS-80/30 Microcomputer** (IMSAI, San Leandro, CA, USA)
(Integral-VDU version of PCS-80)
- Instructor-50 Microprocessor Trainer** (Signetics-Philips, Sunnyvale, CA, USA)
(2650 based; cabinet; 8-digit LED readout; 28-key keyboard; cassette interface; S100 bus)
- Instrumentation Processor** (Recognition Systems)
(8080 based; 256 ROM; card cage; 2-cards; +5/±15V dc)
- Intellec . . .** see MDS 210, 221, 231
- Intercept JR. Tutorial System** (Intersil, Cupertino, CA, USA)
(6100 based; 12-bit; 256 RAM; 1K ROM; single card with integral 12-key calculator-style keyboard; 8-digit display; 3 sockets for expansion cards; dc supply battery holder)
- Intercept Prototyping System** (Intersil, Cupertino, CA, USA)
(6100 based; cabinet; 4K memory)
- Introkrit . . .** see SC/MP EVALUATION KIT
- ISBC Series . . .** see SBC
- ITT Microcomputer** (ITT marketed version of APPLE II)
- Jolt Microcomputer Trainer** (Microcomputer Associates, Cupertino, CA, USA)
(6502 based; 4K RAM; 2K ROM; single card)
- KD11-HF Microcomputer** (Digital Equipment Corp., Maynard, MA, USA)
(LSI 11/2 based version of KD11-F)
- KD11-HU Microcomputer** (Digital Equipment Corp., Maynard, MA, USA)
(LSI 11/2 based; 256 RAM; 4K max. ROM; 2-cards; +5/+12V dc)
- KD11-F Microcomputer** (Digital Equipment Corp., Maynard, MA USA)
(LSI 11 based; 4K RAM; 1 card; +5/+12V dc)
- KD11-HB Microcomputer** (Digital Equipment Corp., Maynard, MA, USA)
(LSI 11/2 based; 8K RAM; 2 cards; +5/+12V dc)
- KD11-J Microcomputer** (Digital Equipment Corp., Maynard, MA, USA)
(LSI 11 based; 4K RAM; 2 cards; +5/+12V dc)
- KD11-μ Microcomputer** (Digital Equipment Corp., Maynard, MA, USA)
(LSI 11 based version of KD11-HU)
- KIM-1 Single Board Microcomputer** (Commodore Business Machines, Palo Alto, CA, USA)
(6502 based; 1K RAM; 2K ROM; single card with integral 23-key keyboard and 6-digit LED display; cassette interface; TTY 20mA current loop interface; +5/+12V)
- KIM-5 Single Board Microcomputer** (Commodore Business Machines, Palo Alto, CA, USA)
(KIM-1 without ROM assembler)
- L Microcomputer** (Control Logic, Natick, MA, USA)
(8008/1 based; 1K RAM; 256 PROM; 3 cards; card cage; line supply)
- L16A Microcomputer System** (Panafacom Ltd., Tokyo 152, Japan)
(MN1610 based; 16-bit; 16K RAM; 16K ROM; cabinet; 3-card)
- LCDS (Low Cost Development System)** (National Semiconductor, Santa Clara, CA, USA)
(SC/MP based)
- LCM 1001, 1002, 1003, 1004 . . .** see MICRO-PROCESSOR LEARNING SYSTEM
- Learning Module** (Texas Instruments, Houston, TX, USA)
(TMS 1000 based; 1K RAM; 1K ROM; single card; +15V dc)
- LMC 6800-2 Microcomputer** (Limrose, Northwich, UK)
(6800 based; 4K RAM; 8K ROM; cabinet; VDU with keyboard; 'Exorciser' bus)
- LP-12 Single Board Microcomputer** (Cybertek Inc.)
(6100 based; 256 RAM; 1K max. ROM; single card; 5 to 7V dc)
- LSBC 86/12 Single Board Microcomputer** (Intel, Santa Clara, CA, USA)
(8086 based; 16-bit; 16K RAM; 8K max. ROM; single card; Intel multibus; ±5/±12V dc)
- LSI 11/2 Single Board Microcomputer** (Digital Equipment Corp., Maynard, MA, USA)
(LSI 11 based; 16-bit; 4K RAM; single card; PDP 11 software compatible)

- M68-ADS Microprocessor Development Kit** (Motorola Semiconductors, Phoenix, AZ, USA)
(6800 based)
- M68C-Micro 68 Tutor** (Electronic Product Associates, San Diego, CA, USA)
(6800 based; 128 min. RAM; 512 PROM; cabinet with integral 16-key calculator-style keyboard, 6-digit LED display, and dc supply)
- M68-MM01 Single Board Computer** (Motorola Semiconductors, Phoenix, AZ, USA)
(6800 based; 1K RAM; 4K max. ROM; single board; +5/±12V dc)
- M68-MM01A Single Board Computer** (Motorola Semiconductors, Phoenix, AZ, USA)
(6800 based; 1K RAM; 4K max. ROM; single board; +5/±12V dc; inc. 6850, 2 × 6820)
- M68-MM01B Single Board Computer** (Motorola Semiconductors, Phoenix, AZ, USA)
(6800 based; 128 RAM; 4K max. ROM; single board; +5/±12V dc; power-on restart)
- M68-MM01B1 Single Board Computer** (Motorola Semiconductors, Phoenix, AZ, USA)
(6800 based; 384 RAM; 4K max. ROM; single board; +5/±12V dc; cassette interface)
- M68SDTT Exorciser Development System . . .** see EXORCISER
- M-5002 Single Board Microcomputer** (Henize Interactive Control Inc.)
(6802 based; 12K RAM; 1K ROM; Exorciser bus; single card; + 5/±12V dc; current loop and RS232C interfaces)
- M6800 Evaluation Kit II . . .** see MEK6800D2
- MBC/1 Micronova Board Computer** (Data General, Southboro, MA, USA)
(μN601 based; 16-bit; 2K RAM; 4K max. PROM; single card; ±5/+12V dc; Micronova CPU; current loop and RS232C interfaces)
- MBC/80 CRT Single Board Microcomputer** (Mupro Inc., Sunnyvale, CA, USA)
(Z80 based; 4K RAM; 8K max. ROM; single card; +5/±12V dc; keyboard and video interfaces; Intel multibus)
- MC Single Board Microcomputer** (Scientific Micro Systems, Mountain View, CA, USA)
(SMS300 based; 256 RAM; single card; +5V)
- MC1600 Microcomputer Module** (General Instrument, Hicksville, NY, USA)
(CP1600 based; CPU module; single card; 16-bit)
- MCEM-8080 Computer** (HAL Communications Corp., Urbana, IL, USA)
(8080 based; single board; 1K RAM; 1K ROM; TTY interface; + 5/±12V dc)
- MCP-65 Single Board Microcomputer** (Innovatek Microsystems)
(6502 based; 128 RAM; 512 ROM; single card; +5V)
- MCP-68 Single Board Microcomputer** (Innovatek Microsystems)
(6800 based; 128 RAM; 512 ROM; single card; +5V)
- MCS Single Board Microcomputer** (Bedford Computer Systems Inc.)
(8080A based; 1K RAM; 7K ROM; single card; + 5/±15V dc)
- MCS Microcomputer** (Information Control, Los Angeles, CA, USA)
(Z80 or 8080A based; 1K RAM; 1K ROM; 2-card; +8V/±16V dc; S100 bus; RS232C interface)
- MCS-IM Microcomputer** (Scientific Microsystems, Mountain View, CA, USA)
(SMS300 based; 1K RAM; cabinet; keyboard; tape punch/reader)
- MCT-1 Microcomputer Trainer** (Allied Computers, Madras, India)
(Cabinet; keyboard; readout)
- MD-1 Microcomputer** (E & L Instruments, Derby, CT, USA)
(8080 based; 1K RAM; 256 PROM; 3-card; + 5/±15V dc)
- MD-690A Single Board Microcomputer** (Microdasys, Los Angeles, CA, USA)
(6802 based; 1K RAM; 1K ROM; single card; S100 bus; + 8/±16V)
- MD-80 OEM Microcomputer System** (Mostek, Carrollton, TX, USA)
(Z80 based; 256 RAM; 7-card; cabinet; floppy disk; + 5/±12V dc)
- MDC-100 Microcomputer Development Center** (American Microsystems Inc., Santa Clara, CA, USA)
(6800 based; VDU with integral keyboard)
- MDC-140 Logic Analyzer** (American Microsystems Inc., Santa Clara, CA, USA)
(Add-on unit for MDC-100)
- MDC-6800 Microcomputer Development Center** (American Microsystems Inc., Santa Clara, CA, USA)
(6800 based; VDU with keyboard; dual floppy disk unit; optional printer, tape punch/reader, TTY)
- MD-SBC1 Single Board Microcomputer** (Mostek, Carrollton, TX, USA)
(Z80 based; 2K RAM; 8K max. ROM; single card; +5V; TTL buffered I/O ports)
- MDS 210, 221, 231 Models of Intellec Series II microprocessor development systems**

- (Intel, 210 for 8080, 221 and 231 for 8080, 8048 and 8086 families with emulators for 8048, 8080, 8085, 8086)
- MDX-CPU1 Single Board Microcomputer** (Mostek, Carrollton, TX, USA)
(Z80 based; 2K RAM; 8K max. ROM; single card; +5V; dc)
- MEK-6800B Single Board Computer** (Motorola Semiconductors, Phoenix, AZ, USA)
(6800 based; single card; 384 RAM)
- MEK-6800D2 Evaluation Kit II** (Motorola Semiconductors, Phoenix, AZ, USA)
(6800 based; 256 RAM; 1K ROM; two cards with 24-key calculator-style hex. keyboard and 6-digit LED display on one audio interface; no power supply; +5/± 12V dc)
- Micro-68 Microcomputer** (Electronic Products Ass., San Diego, CA, USA)
(6800 based; 1K RAM; 4K ROM; single card; line supply; cabinet)
- Micro-68 Tutor** (Electronic Products Associates, San Diego, CA, USA)
(6800 based; single board; 16-switch keyboard; 6-digit LED readout; 128 RAM; 512 PROM; 2K EPROM)
- Micro-Altair** (Polymorphic Systems, Santa Barbara, CA, USA)
(Former name for POLY 88)
- Micro Controller** (Scientific Micro Systems, Mountain View, CA, USA)
(SMS 300 based; 256 RAM; single card; +5V dc)
- Microdasys System-1 Microcomputer** (Microdasys, Los Angeles, CA, USA)
(6809 based; S100 bus; cabinet with integral keyboard; 1K RAM; 10K PROM)
- Microdasys System-2 Microcomputer** (Microdasys, Los Angeles, CA, USA)
(Microdasys System-1 + 8K RAM)
- Micropac 180 Microcomputer** (Process Computer Systems, Flint, MI, USA)
(8080A based; 256 RAM; 1K ROM; single card; ± 5/+ 12V dc)
- Micropac Basic 80A System** (Process Computer Systems, Flint, MI, USA)
(8080 based; 1K RAM; 256 ROM; card cage; 3 cards)
- Micro PRO Microcomputer Card** (Fairchild Semiconductors, San Jose, CA, USA)
(F8 based; 1K RAM; 1K ROM; single card microcomputer; external TTY necessary)
- Microprocessor Learning System** (Texas Electronic Instruments, Houston, TX, USA)
(SBP0400 based; 4-bit slice; 4 modules comprising LCM1001 microprogrammer, LCM1002 controller, LCM1003 memory and LCM1004 input/output; 1K RAM; switches and LED lights)
- Microscope 820** (Intel, stand-alone test instrument for maintaining and trouble-shooting microprocessor systems)
- Microtutor 8080** . . . see MPT8080 MICROTUTOR
- Microtutot CDP-18S01-1** (RCA, Somerville, NJ, USA)
(CDP 1801 based; 256 RAM; card cage; 2 cards; +9V dc)
- Mike-2 Kit** (Semiconductor Specialists)
(8080-based; 2K RAM; 2K ROM; 4 cards; +5/- 9V dc)
- Mike-3 Microcomputer System** (Martin Research, Northbrook, IL, USA)
(8080-based; 1K RAM; 512 PROM; 4 cards with small keyboard and 6-digit LED numeric display on one card)
- Minimizer-100 Single Board Computer** (Stynetic Systems)
(CP1600 based; 16K RAM; 4K ROM; single card; +5/± 12V dc; cassette interface)
- MITS-Altair** . . . see ALTAIR
- MLP-8080 Single Board Microcomputer** (Heurikon Corp., Madison, WI, USA)
(8080 based; single card; +5/± 12V dc)
- MLZ-80 Single Board Microcomputer** (Heurikon Corp., Madison, WI, USA)
(Z80 based; 4K RAM; 8K max. ROM; Intel multibus; single card; +5/± 12V dc)
- MLZ-81 Single Board Microcomputer** (Heurikon Corp., Madison, WI, USA)
(MLZ80 with 16K RAM and 9511 Arithmetic Processor)
- MM1/M Microcomputer** (Control Logic Inc., Natick, MA, USA)
(8080A based; 1K RAM; 4K + 256 ROM; 4 cards; card cage; line supply)
- MMC Microcomputer System** (Hughes Aircraft, Newport Beach, CA, USA)
(3000 based; 4K RAM; 8K ROM; 2 card; +5V dc)
- MMD1 Designer Single Board Computer** (E & L Instruments, Derby, CT, USA)
(8080, Z80 alternate, based; 'Radio Electronics' construction article; single card; 512 RAM; 512 ROM; hex. keyboard; LED display; S100 bus)
- MMI-300 Microcomputer System** (Monolithic Memories, Sunnyvale, CA, USA)
(6701 based; cabinet; single card; +5/+ 12V dc)
- MMI-MSC Microcomputer** (Control Logic, Natick, MA, USA)
(Z80 based; 1K ROM; 2K max. ROM; single card; ± 5/± 12V dc)

- Model 100A Logic Analyser** (Paratronics Inc., San Jose, CA, USA)
(Cabinet; panel switches; integral power supply; external scope required)
- Model 300 Computer Trainer** (Ohio Scientific Instruments, Aurora, OH, USA)
(6502 based; 128 RAM; single board; battery dc supply)
- Model 500 CPU Board** (Ohio Scientific Instruments, Aurora, OH, USA)
(6502 based; 4K RAM; 8K ROM; 512 PROM; single card microcomputer; 48-line bus)
- Model 500-1 Microcomputer** (Ohio Scientific Instruments, Aurora, OH, USA)
(6502 based; cabinet with Model 500 CPU board and internal dc supply; limited front panel)
- Model 500-8 Microcomputer** (Ohio Scientific Instruments, Aurora, OH, USA)
(As Model 500-1, but with added 8-slot motherboard)
- MP Experimenter** (ERA, Leatherhead, UK)
- MPS-1 Single Board Computer** (Automated Computer Systems, Pasadena, CA, USA)
(8008 based; 256 RAM; 6K max. ROM; single card; +5/±9V; printer interface)
- MPS-10 Single Board Computer** (Automated Computer Systems, Pasadena, CA, USA)
(8080 based; 256 ROM; 6K max. ROM; single card; +5/±9/-12V dc)
- MPS-803 Microcomputer System** (Pro-Log Corp., Monterey, CA, USA)
(8008 based 8K RAM; 2K ROM; 3-card; +5/-10V dc)
- MPS-863 Microcomputer System** (Pro-Log Corp., Monterey, CA, USA)
(8080 based; 8K RAM; 2K ROM; 3-card; ±5/+12V dc)
- MPS-883 Microcomputer System** (Pro-Log Corp., Monterey, CA, USA)
(6800 based; 8K RAM; 2K ROM; 3-card; +5V dc)
- MPT-8080 Microtutor** (Limrose, Northwich, UK)
(8080 based; 1K RAM; single card; cabinet with panel switches and LEDs)
- MSC-8001 Single Board Microcomputer** (Monolithic Systems, Englewood, CA, USA)
(Z80A based; 4K RAM; 16K max. ROM; Intel multibus; single card; ±5/±12V dc)
- MSC-8080 Starter Kit** (Monolithic Systems, Englewood, CA, USA)
(8080 based; 2K RAM; 2K ROM; single card; +5V dc)
- MTS Microprocessor Training System** (Integrated Computer Systems, Los Angeles, CA, USA)
(8080A based; single board; 2K RAM; 1K EPROM; 25-key keyboard and 8-digit LED readout on board; S100 bus)
- MX Series Microcomputers** (Information Control Corp., Los Angeles, CA, USA)
(8080A based; 256 RAM; 512 ROM; 3-card; cabinet; ±5/+12V dc)
- μP-CPU-1 Microcomputer System** (Wyle Computer Products, Hampton, VA, USA)
(8080A based; 256 RAM; +5/+12V dc)
- μP Learning Module** (Texas Instruments, Houston, TX, USA)
(74S81 based; +5V dc)
- μPrimer-4/8 Microprocessor Trainer** (Technitrol, Philadelphia, PA, USA)
(Cabinet, panel controls and indicators)
- μPrimer-4040 System** (Technitrol, Philadelphia, PA, USA)
(4040 based; 2K RAM; 2K ROM; cabinet; 4-card; keyboard; line supply)
- μPrimer-6800 System** (Technitrol, Philadelphia, PA, USA)
(6800 based; 11K RAM; 8K ROM; cabinet; 4-card; keyboard; line supply)
- μPrimer-8080 System** (Technitrol, Philadelphia, PA, USA)
(8080 based; 2K RAM; cabinet; 5-card; keyboard; line supply)
- Nascom-1 Microcomputer Kit** (Nascom Microcomputers, Chesham, UK)
(Z80 based; 2K RAM; 1K EPROM; single card; separate keyboard; video and audio interfaces)
- OB-8001 Single Board Microcomputer** (Omnibyte Corp.)
(6800 based; 1.1K RAM; 4K max. ROM; single card; ±5/±12V dc)
- OCM-1 Single Board Microcomputer** (Fairchild Semiconductor, San Jose, CA, USA)
(F8 based; 1K RAM; 2K ROM; single card; +5/+12V dc; current loop and RS232C interfaces)
- OEM-80E Single Board Microcomputer** (Mostek, Carrollton, TX, USA)
(Z80 based; 4K RAM; 20K max. ROM; single card; ±5/±12V dc; 16K RAM version also available)
- Pace Evaluation Kit** (National Semiconductor, San Jose, CA, USA)
(Pace based; 16-bit)
- PAIA-8700 Computer/Controller** (PAIA Electronics, Oklahoma City, OK, USA)
(Single card with on-board keyboard and 2-digit LED readout; separate dc supply board)
- PC1001 Microprocessor System** (Signetics-Philips, Sunnyvale, CA, USA)
(2650 based; 1K RAM; single card)

- PCM-12A Microcomputer** (Pacific Cyber/Metrix, San Ramon, CA, USA)
(6100 based; 12-bit; 48 RAM; 256 ROM; cabinet with full multi-switch, multi-LED light front panel, dc supply, and 15-slot backplane; PDP-8 software compatible)
- PDC-100 Single Board Microcomputer** (Milertronics)
(SC/MP II based; 256 RAM; 512 ROM; single card; +5V dc)
- PDC-102 Single Board Microcomputer** (Milertronics)
(8085 based; 256 RAM; 512 ROM; single card; +5V dc)
- PDS (Polyvalent Development System)** (Motorola Semiconductors, Phoenix, AZ, USA)
(6800 based; 512 ROM; VDU; keyboard; optional printer)
- PLS-401 Single Board Microcomputer** (Pro-Log Corp., Monterey, CA, USA)
(4004 based; 320 RAM; 2K ROM; single card; +5/-10V dc)
- PLS-441 Single Board Microcomputer** (Pro-Log Corp., Monterey, CA, USA)
(4040 based; 320 RAM; 2K ROM; single card; +5/-10V)
- PLS-858 Single Board Microcomputer** (Pro-Log Corp., Monterey, CA, USA)
(8085 based; 1K RAM; 8K max. ROM; single card; +5V dc)
- PLS-868 Single Board Microcomputer** (Pro-Log Corp., Monterey, CA, USA)
(6800 based; 1K RAM; 8K max. ROM; single card; +5V dc)
- PLS-898 Single Board Microcomputer** (Pro-Log Corp., Monterey, CA, USA)
(Z80 based; 1K RAM; 8K max. ROM; single card; +5V dc)
- Poly-88 System-2 Microcomputer** (Polymorphic Systems, Santa Barbara, CA, USA)
(8080A based; 512 RAM; 1K ROM; video and cassette interfaces; cabinet with internal dc supply and integral keyboard)
- Poly-88 System-6 Microcomputer** (Polymorphic Systems, Santa Barbara, CA, USA)
(8080A based; cabinet; 5-slot backplane; S100 bus; 512 RAM; 3K ROM sockets; freestanding alphanumeric keyboard)
- Poly-88 System-16 Microcomputer** (Polymorphic Systems, Santa Barbara, CA, USA)
(System-6 + VDU + cassette recorder)
- Polyvalent Development System** . . . see PDS
- PPS-4 Microcomputer System** (Rockwell International, Anaheim, CA, USA)
(PPS-4 based; 2K RAM; single card; +5/-12V dc)
- PPS-4/2 Microcomputer System** (Rockwell International, Anaheim, CA, USA)
(PPS-4/2 based; 2K RAM; single card; +5/-12V dc)
- PPS-8 Microcomputer System** (Rockwell International, Anaheim, CA, USA)
(PPS-8 based; 4K RAM; single card; +5/-12V dc)
- Prompt 48 Microcomputer Design Aid** (Intel, for 8048 family, complete with Eprom programmer, integral keyboard, displays and monitor system in ROM)
- Prompt-80 Microcomputer System** (Intel, Santa Clara, CA, USA)
(8080 based; 1K RAM; hex. keyboard; displays)
- QMS-26-1126 Single Board Microprocessor** (Quarndon, Derby, UK)
(2650 based; 2K RAM; 2K EPROM; crystal clock)
- QMS-80-1180A Single Board Microprocessor** (Quarndon, Derby, UK)
(8080A based; 2K RAM; 1½K PROM; crystal clock)
- QMS-80-1181A Single Board Microprocessor** (Quarndon, Derby, UK)
(8080 based; 2K RAM; 2K EPROM with sockets for further 3K EPROM)
- QMS-85-1185 Single Board Microprocessor** (Quarndon, Derby, UK)
(8085A based version of QMS-80-1181A)
- QMS-Z8-1150A Single Board Microprocessor** (Quarndon, Derby, UK)
(Z80 based; 2K min. RAM; 5K min. EPROM; 2MHz/4MHz crystal clock)
- Quay-80 AI Microcomputer** (Quay Corp., Freehold, NJ, USA)
(Z80 based; 2 cards; S100 bus; 1K RAM; 1K EPROM; PROM Programmer; intercard cable)
- Quay-90-MPS Single Board Microcomputer** (Quay Corp., Freehold, NJ, USA)
(Z80A based; 4K RAM; 1K ROM; single card; ±5/+12/+28V dc)
- Quay-90F/MPS Single Board Microcomputer** (Quay Corp., Freehold, NJ, USA)
(Z80A based; 4K RAM; 1K ROM; single card; ±5/+12/28V dc; floppy disk interface)
- Quay-8000 Microcomputer** (Quay Corp., Freehold, NJ, USA)
(Z80 based; 9K RAM; 1K EPROM; cabinet with 3 cards on 12-slot motherboard; S100 bus; internal dc supply and PROM programmer)

- Rair Black Box** (Rair, London, UK)
(8085 based; 16K RAM; cabinet with integral dual minifloppy disks; 8-slot motherboard)
- RTC-5100 Microprocessor** (Real Time Controls, Watford, UK)
(Z80 based; 4K RAM; single card)
- S6800 Kit** (American Microsystems Inc., Santa Clara, CA, USA)
(6800 evaluation board; VDU; dual floppy unit; with support program tapes and disks)
- S6800 Single Board Computer** (American Microsystems Inc., Santa Clara, CA, USA)
(6800 based; 1K RAM; 16K ROM; 4K PROM; single card; +5/±12V dc)
- SBC-80/04 Single Board Microcomputer** (Intel, Santa Barbara, CA, USA)
(8085 based; 256 RAM; 4K max. ROM; single card; ±5/±12V dc)
- SBC-80/05 Single Board Microcomputer** (Intel, Santa Barbara, CA, USA)
(8085 based; single board computer; 512 RAM; 4K max. EPROM; Intel multibus; single card; high speed maths facility)
- SBC-80/10 Single Board Microcomputer** (Intel, Santa Barbara, CA, USA)
(8080 based; 1K RAM; 8K max. ROM; single card; Intel multibus; ±5/±12V dc)
- SBC-80/10A Single Board Microcomputer** (Intel, Santa Barbara, CA, USA)
(8080A based; 1K RAM; 8K max. ROM; single card; Intel multibus; ±5/±12V dc)
- SBC-80/20 Single Board Microcomputer** (Intel, Santa Barbara, CA, USA)
(8080A based; 2K RAM; 8K max. ROM; single card; Intel multibus; ±5/±12V dc)
- SBC-80/20-4 Single Board Microcomputer** (Intel, Santa Barbara, CA, USA)
(4K RAM version of SBC-80/20)
- SBC-80/30 Single Board Microcomputer** (Intel, Santa Barbara, CA, USA)
(30K RAM version of SBC-80)
- SBC-86/12 Single Board Microcomputer** (Intel, Santa Barbara, CA, USA)
(8086 based; 16-bit; 32K RAM; sockets for 16K ROM; Intel multibus)
- SBC-Z80 Microcomputer** (Relational Memory Systems)
(Z80 based; 4K max RAM; 2K ROM; 2-cards; Intel multibus; +5V dc)
- SC1600 Single Board Gimini Microcomputer** (General Instrument, Hicksville, NY, USA)
(16-bit; 16K RAM; 14K PROM sockets; 1K EAROM; external dc supply)
- SCC-W Single Board Microcomputer** (Cromemco, Mountain View, Ca, USA)
(Z80A based; 1K RAM; 8K max. ROM; S100 bus; single card; +8V/±18V dc; current loop and RS232C interfaces)
- SCI-8010 Single Board Microcomputer** (System Computers and Interfaces, Waltham, MA, USA)
(8080 based; 1K RAM; 8K max. ROM; single card; Intel multibus; +5/±12V dc)
- SC/MP Evaluation Kit** (National Semiconductors, Santa Clara, CA, USA)
(SC/MP based; single card microcomputer; requires teletype peripheral; now replaced by SC/MP II evaluation kit and keyboard)
- SC/MP Evaluation Kit and Keyboard** (National Semiconductor, Santa Clara, CA, USA)
(SC/MP based; 256 RAM; 512 ROM; single card with out-board, cable-connected, 20-key calculator-style keyboard with 6-digit display)
- SC/MP II Evaluation Kit and Keyboard** (National Semiconductor, Santa Barbara, CA, USA)
(NMOS SC/MP II based version of SC/MP evaluation kit and keyboard)
- Scrupi Microprocessor System** (Bywood, Hemel Hempstead, UK)
(SC/MP based; single board microcomputer; switches and LED lights, 256 RAM)
- Scrupi-2B Microprocessor System** (Bywood, Hemel Hempstead, UK)
(SC/MP II based; single board microcomputer; switches and LED lights, 256 RAM)
- Scrupi-2F Microprocessor System** (Bywood, Hemel Hempstead, UK)
(As Scrupi-2B but with extra 512 RAM, 512 PROM)
- Scrupi-3 Microprocessor System** (Bywood, Hemel Hempstead, UK)
(SC/MP II based; single board microcomputer; switches and LED lights; 128 RAM; 1K PROM; sockets for extra 1K RAM, 1K PROM; video interface)
- SDB-80 Software Development Board** (Mostek, Carrollton, TX, USA)
(Z80 based; 4K RAM; 256 ROM; 4-channel counter-timer; single card microcomputer)
- SDK-80 System Design Kit** (Intel, Santa Barbara, CA, USA)
(Single board microcomputer; 8080A based; 256 RAM;

- 1K EPROM; card with small keyboard and 6-digit display; external TTY required; $\pm 5V/\pm 12V$ dc)
- SDK-85 System Design Kit** (Intel, Santa Barbara, CA, USA)
(Single board microcomputer; as SDK-80, but 8085 based; $+5V/-12V$ dc)
- SDK-86 System Design Kit** (Intel, Santa Barbara, CA, USA)
(Single card microcomputer; as SDK-80, but 8086 based; 16-bit; $+5/-12V$ dc)
- SECS-80A Single Board Microcomputer** (EMM SESCO, Uxbridge, UK)
(Severe environmental version of SBC-80/10A)
- SERIES-400 Superboard** ... see CHALLENGER SUPERBOARD
- SIA-1000 Single Board Computer** (System Integration Ass., Glenmoore, PA, USA)
(8080 based; 8K RAM; single card; $\pm 5/+12V$ dc)
- Simon Microcomputer System** (Harris, Fort Lauderdale, FL, USA)
(6100 based; 4K RAM; 3-card; cabinet; card cage; dc supply)
- SKC-85 Single Board Computer** (Advanced Micro Computers, Irvine, CA, USA)
(8085A based; 8-bit; 512 min. RAM; 0-4K ROM; $+5V$ dc; single card; no peripherals; current loop and RS232C interfaces)
- SM-100 Single Board Microcomputer** (Synertek, Mountain View, CA, USA)
(6502 based; 1K RAM; 4K ROM; single card; $+5V$ dc)
- SMS 3000 Microcontroller Simulator** (Scientific Micro Systems, development aid for Signetics 8×300 8-bit bipolar micro processor, control panel, 36-character display keyboard, paper tape reader, interface for teletype)
- SOL-PC Single Board Terminal Computer** (Processor Technology, Emeryville, CA, USA)
(8080A based; 2K RAM; 1K PROM; video and cassette interfaces; S100 bus; single card; $+5/\pm 12V$ dc)
- SOL-PC20 Microcomputer** ... see SOL-PC SINGLE BOARD
- Spark-16 Single Board Microcomputer** (Fairchild Semiconductor, San Jose, CA, USA)
(9940 based; 16-bit; 4K RAM; 2K ROM; single card; $+5/\pm 12V$ dc; current loop and RS232C interfaces; 8, 10 and 12 MHz versions)
- SPM Standard Prototype Microcomputer** (Integrated Computer Systems, Los Angeles, CA, USA)
(8080A based; 4K RAM; 4K PROM; single card with on-board calculator-style keyboard and LED display)
- SPX-80/40 Complete Development System: 'Starplex'** (National Semiconductor, Santa Clara, CA, USA)
(8080 based; console with keyboard and PROM programming card socket; 64K RAM; VDU; printer; dual floppy disk system)
- Starplex** ... see SPX-80/40
- Superboard** ... see CHALLENGER SUPERBOARD
- Superjolt Tutorial System** (Microcomputer Associates, Santa Clara, CA, USA)
(card module set for trainer microcomputer)
- Superkim Single Board Controller** (Microproducts, Redondo Beach, CA, USA)
(6502 based; single card; 4K max. RAM; 16K max. EPROM)
- Superpac-180 Microcomputer** (Process Computer Systems, Flint, MI, USA)
(8080A based; 256 RAM; 1K ROM; cabinet; 2-card; keyboard; paper tape)
- Survival Kit, F8** ... see F8 SURVIVAL KIT
- SWTPC-6800 Microcomputer System** (South West Technical Products, San Antonio, TX, USA)
(6800 based; 4K RAM; open chassis with 3-slot backplane and dc supply; Mikbug ROM operating system)
- SWTPC-6800/2 Microcomputer System** (South West Technical Products, San Antonio, TX, USA)
(6800 based; 4K+128 RAM; 1K ROM; cabinet with internal dc supply and multislotted motherboard; S50 bus)
- SYM-1 Single Board Trainer** (Synertek, Mountain View, CA, USA)
(6502 based; 1K RAM; 4K ROM; single card; $+5V$ dc; on-board calculator-style keyboard and LED display; formerly KIM-1 and VIM-1)
- Synchron-8 Microcomputer System** (Symbiotic Systems, Woodland, CA, USA)
(8080 based; motherboard modular; 12K RAM; 512 PROM; keyboard; cassette recorder; video interface)
- SYS 8/8 Development System** (Advanced Micro Devices, for AMZ8000 development with optional assemblers for 8080, 8085 and Z80 support)
- SYS 80 FT Development System** (Mostek, for Z80 and 3870 families)
- System-1** ... see MICRODASYS
- System-2** ... see MICRODASYS
- System 29/05** Advanced Micro Devices, development system for 2900 and bit-slice processors with 8080 development capability, AM9080A based)
- System-65 Development System** (Rockwell International, Anaheim, CA, USA)

- (Floppy disk based 6502 development system; 2 floppies; 16K memory)
- TDS-M68 Microprocessor Trainer** (SDS-Technical Devices, Winnipeg, Canada)
(Computer in attache case; teaching and developmental system; 6800 based; keyboard)
- TDY-52A Single Board Computer** (Teledyne Systems, Northridge, CA, USA)
(4004 based; 2K RAM; 32K ROM; single card; +5/- 12V dc)
- TDY-52B Single Board Computer** (Teledyne Systems, Northridge, CA, USA)
(IMP-16 based; 16-bit; 16K RAM; single card; +5/- 12V dc)
- Technico SS16 Microcomputer** (Technico, Columbia, MD, USA)
(9900 based; 16-bit; cabinet; 10K RAM)
- Technico Superstarter System** (Technico, Columbia, MD, USA)
(9900 based; 16-bit; single card CPU)
- Technico Supersystem 16** . . . see TECHNICO SS16
- Tektronix Microprocessor Development System** (Tektronix, Beaverton, OR, USA)
(CPU; keyboard; VDU; floppy disk; front panel)
- TK-80 Single Board Microcomputer** (NEC Microcomputers, Lexington, MA, USA)
(8080A based; 512 RAM; 768 ROM; card with integral small keyboard and 8-digit numeric display)
- TM990/100M-1 Single Board Microprocessor** (Texas Instruments, Houston, TX, USA)
(9900 based; 16-bit; 512 RAM; 2K ROM; single card; +5/± 12V dc)
- TM990/100M-2 Single Board Microprocessor** (Texas Instruments, Houston, TX, USA)
(2 blank EPROMS version of TM990/100M-1)
- TM990/100M-3 Single Board Microprocessor** (Texas Instruments, Houston, TX, USA)
(4 blank EPROMS version of TM990/100M-1)
- TM990/101M-1 Single Board Microprocessor** (Texas Instruments, Houston, TX, USA)
(9900 based; 16-bit; 256 RAM; 1K ROM; 2 blank EPROMS; single card; +5/± 12V dc)
- TM990/180M-1 Single Board Microprocessor** (Texas Instruments, Houston TX, USA)
(9980 based; 16-bit; 2K RAM; 1K ROM; 2 blank EPROMS; single card; +5/± 12V dc; MODEM interface)
- TM990/180M-2 Single Board Microprocessor** (Texas Instruments, Houston, TX, USA)
(9980 version of TM990/100M-2)
- TM990/180M-3 Single Board Microprocessor** (Texas Instruments, Houston, TX, USA)
(9980 version of TM990/100M-3)
- TPU Single Board Computer** (Sphere Corp., N. Salt Lake City, UT, USA)
(6800 based; 256 RAM; 256 ROM; single card; +5/- 9V dc)
- UC-1800 Microcomputer** (Infinite Inc., Cape Canaveral, FL, USA)
(1802 based; 256 RAM; single card; S100 bus)
- UC-1800M Microcomputer** (Infinite Inc., Cape Canaveral, FL, USA)
(1802 based; 256 RAM; single card; S100 bus; keyboard)
- UCE-3000 Microcomputer** (Infinite Inc., Cape Canaveral, FL, USA)
(1802 based; 256 RAM; single card; S100 bus; cabinet; keyboard)
- Vector-1 Microcomputer** (Vector Graphic, Westlake Village, Ca, USA)
(8080A based; 1K RAM; 512 PROM; cabinet with internal dc supply; 18-slot motherboard; S100 bus; wide choice memory, I/O and other optional cards)
- Vector-1+ Microcomputer** (Vector Graphic, Westlake Village, CA, USA)
(Vector-1 + integral floppy disk system)
- VIM-1** . . . see SYM-1
- Wince Control Module** (Wintek Corp., Lafayette, IN, USA)
(6800 based; single board Microcomputer; 44-line bus; 128 RAM; 4K max. ROM; +5/± 12V)
- Wince CMM Single Board Computer** (Wintek Corp., Lafayette, IN, USA)
(6800 based; 512 RAM; 4K ROM; single board; +5/± 12V dc)
- Wince FDS Single Board Computer** (Wintek Corp., Lafayette, IN, USA)
(6800 based; single card; ± 5/+ 12V dc)
- Xitan Alpha-1 Microcomputer** (Xitan Inc. (TDL), Princeton, NJ, USA)
(Z80 based; 2K RAM; 2K ROM; cassette interface; cabinet with 8-slot motherboard; S100 bus; 1MHz clock)
- Xitan Alpha-1.5 Microcomputer** (Xitan Inc. (TDL), Princeton, NJ, USA)
(1.5 MHz version of ALPHA-1)
- Xitan Alpha-1.95 Microcomputer** (Xitan Inc. (TDL), Princeton, NJ, USA)
(1.95MHz version of ALPHA-1)
- Xitan Alpha-2 Microcomputer** (Xitan Inc. (TDL), Princeton, NJ, USA)
(Expanded version of ALPHA-1, with 18K RAM, 2K ROM)

- XMC-360 Single Board Computer** (Xecon Associates, Hawthorne, CA, USA)
(Bit-slice based; 32 RAM; 1K ROM; single card; +5V dc)
- XPO-1 System Development Microcomputer** (Rockwell International, Anaheim, CA, USA)
(PPS4/1 based; 1K RAM; single card with integral 20-key calculator-style keyboards and 5-digit numerical display)
- Z80-CPU Card** (Technical Design Labs, Trenton, NJ, USA)
(Z80 based; 8K RAM; 1K ROM; single card; +5V dc)
- Z80-CPU Card** (Cromemco, Mountain View, CA, USA)
(Z80 based; single card MPU; S100 bus)
- Z80-3BD Microcomputer System** (Digital Group, Denver, CO, USA)
(Z80 based; 3-card + motherboard; 2K RAM; 256 EPROM; no dc supply; TV and cassette interfaces)
- Z80-MCB Microcomputer Board** (Zilog, Cupertino, CA, USA)
(Z80 based; 4K RAM; 4K max. ROM/PROM/EPROM; single card; +5V dc)
- Z80-System-1 Microcomputer** (Digital Group, Denver, CO, USA)
(Z80 based; cabinet with 14-slot backplane; limited front panel)
- ZDS-1 Development System** (Zilog, Cupertino, CA, USA)
(Z80 based; twin floppies; in-circuit emulation)
- 8 x 300KT100SK Single Board Microcomputer** (Signetics-Philips, Sunnyvale, CA, USA)
(8 x 300 based; 256 RAM; 512 ROM; single card)
- 80A** . . . see MICROPAC BASIC-80A
- 90F/MPS** . . . see QUAY-90
- 90MPS** . . . see QUAY-90
- 300-Series Microcomputer** (Sphere Corp., N. Salt Lake City, UT, USA)
(6800 based, 4K RAM; 1K ROM; Cabinet; 3-card; keyboard)
- 412A Microcomputer** (Ohio Scientific, Aurora, OH, USA)
(6502A based; 1K RAM; 256 ROM; single card; +5/-9V)
- 413A Microcomputer** (Ohio Scientific, Aurora, OH, USA)
(6800 based; 1K RAM; 256 ROM; single card; +5/-9V dc)
- 460Z Microcomputer** (Ohio Scientific, Aurora, OH, USA)
(Z80 based; 5K RAM; 256 ROM; +5/-9V dc)
- 804-3 Microcomputer System** (Martin Research, Northbrook, IL, USA)
(8008-1 based; 2K RAM; 2K ROM; 4-card; +5/-9V dc)
- 1020 Microcomputer System** (Multitek Inc.)
(4040 based; 256 RAM; 256 ROM; cabinet; 2-card; +5/-10V dc)
- 1810A Single Board Microcomputer** (Process Computer Systems, Flint, MI, USA)
(8080A based; 1K RAM; 3K ROM; single card; $\pm 5/+12V$ dc)
- 1880A Single Board Microcomputer** (Process Computer Systems, Flint, MI, USA)
(Z80A based; 1K RAM; 6K ROM; single card; $\pm 5/+12V$ dc)
- 2108MK Microcomputer** (Hewlett Packard, Cupertino, CA, USA)
(HP1000M CPU; 16K RAM; 1K ROM; 3-card; $-2/+5/\pm 12V$ dc; 325nS cycle; microprogrammable)
- 2109EK Microcomputer** (Hewlett Packard, Cupertino, CA, USA)
(HP1000E CPU; 16K RAM; 1K ROM; 3-card; $-2/+5/\pm 12V$ dc; 175nS cycle; microprogrammable)
- 2650 System Microcomputer** (Central Data, Champaign, IL, USA)
(2650 based; 2K RAM; 1K ROM; S100 bus; single card; +5V dc; video interface)
- 2650-KT9500 Microcomputer** (Signetics-Philips, Sunnyvale, CA, USA)
(2650 based; 512 RAM; 1K ROM; single card; +5V dc)
- 2650-PC1000 Microcomputer** (Signetics-Philips, Sunnyvale, CA, USA)
(2650 based; 1K RAM; 1K ROM; single card; +5V dc)
- 2710D Logic Analyzer** (Biomation Corp., Cupertino, CA, USA)
(Desk-top logic analyzer; cabinet with 24-key keyboard, 16-digit LED readout; 64 RAM)
- 3800B Development System** (Process Computer Systems, Saline, MI, USA)
(Z80A based development system, with 32K RAM, dual floppies, EPROM programmers, CRT terminal, peripheral interfaces)
- 6502 Familiarizer Kit** (EBKA, Oklahoma City, OK, USA)
(2-board microcomputer; 6502 based; 2 cards; on-board calculator-style keyboard and LED lights)
- 6800-MDC** . . . see MDC-6800
- 6800 SYS-1 Microcomputer** (Digital Group, Denver, CO, USA)
(6800 based; 10K RAM; 256 EPROM; cabinet with 4 cards in 9-slot motherboard and internal dc supply; video and cassette interfaces)
- 6900 Microcomputer System** (Intersil, Cupertino, CA, USA)
(6100 based; 48K RAM; card cage; 3-card; +5V dc)
- 8001 Microprocessor Lab** (Tektronix, Beaverton, OR, USA)
(8001 computer with VDU + Keyboard, TTY terminal, line printer)

- 8002 Microprocessor Lab** (Tektronix, Beaverton, OR, USA)
(8002 computer with dual floppy disk unit, VDU + Keyboard, TTY terminal, line printer, with emulator support modules for 8080, 8085, Z80, 6800, 9900)
- 8048CC Single Board Microcomputer** (IMSAI Manufacturing, San Leandro, CA, USA)
(8048 based; 1K RAM; 1K ROM; single card; + 5V dc)
- 8080A Single Board Microcomputer** (Texas Instruments, Houston, TX, USA)
(8080A based; single card; $\pm 5/\pm 12V$ dc)
- 8080 CPU Card** (Electronic Control Technology, Union City, NJ, USA)
(8080 based; single board CPU; S100 bus)
- 8080A CPU Card Kit** (Byte Shops)
(8080A based single board CPU; S100 bus)
- 8080A CPU Board** (Vector Graphic, Westlake Village, CA, USA)
(8080A based; single board CPU; S100 bus)
- 8562 Single Board Microcomputer** (Data General, Southboro, MA, USA)
($\mu N601$ based; 2K RAM; 1K PROM; single card; $\pm 5/+ 12V$ dc; Micronova CPU)
- 8563 Single Board Microcomputer** (Data General, Southboro, MA, USA)
($\mu N601$ based; 4K RAM; 1K PROM; single card; $\pm 5/+ 12V$ dc; Micronova CPU)
- 8611 CPU Card** (Pro-Log Corp., Monterey, CA, USA)
(6800 based; single card CPU; with 2 support cards gives 1K RAM and 256 PROM)
- 8748CC Single Board Microcomputer** (IMSAI Manufacturing, San Leandro, CA, USA)
(EPROM 8748 version of 8048CC)
- 9600-Series Single Board Microcomputer** (Creative Micro Systems, Westminster, CA, USA)
(6802 based; 1 · 1K RAM; 2K ROM; single card; $\pm 5/\pm 12V$ dc; RS232C interface)
- 9900-4 Prototyping Board** (Texas Instruments, Houston, TX, USA)
(9900 based; 1K RAM; 4-card; $\pm 5/+ 12V$ dc)

Appendix G

Microprocessor Bibliography (Books: Part I Magazines: Part II)

PART I BOOKS

Accounts Payable and Accounts Receivable (L. Poole and M. Borchers: Osborne Ass.)

Analog Systems for Microprocessors and Minicomputers (P. H. Garrett: Prentice-Hall)

An Editor/Assembler System for 8080/8085-based Computers (W. J. Weller and W. T. Powers)

An Introduction to Data Base Systems (C. J. Date: Addison-Wesley)

An Introduction to Microcomputers, Vol. 0 – The Beginner's Book (A. Osborne: Osborne Ass.)

An Introduction to Microcomputers, Vol. 1 – Basic Concepts (A. Osborne: Osborne Ass.)

An Introduction to Microcomputers, Vol. 2 – Some Real Microprocessors (A. Osborne: Osborne Ass.)

An Introduction to Microcomputers, Vol. 3 – Some Real Support Devices (A. Osborne: Osborne Ass.)

An Introduction to Personal and Business Computing (R. Zaks: Sybex)

Applying Microprocessors (L. Altman and S. E. Scrupski: McGraw Hill)

Are You Computer Literate? (K. Billings and D. Morsund: Dillithium Press)

Artist and Computer (R. Leavitt: Creative Computing Press)

A Step by Step Introduction to 8080 Microprocessor Systems (D. Cohn and J. Melsa: Dillithium Press)

A User's Handbook of Semiconductor Memories (E. R. Hnatek: Wiley Interscience)

BASIC (R. Albrecht, L. Finkel and J. R. Brown: Wiley)

BASIC and the Personal Computer (T. A. Dwyer and M. Critchfield)

Basic BASIC (J. S. Coan: Hayden)

Basic Computer Games: Microcomputer Edition (D. A. Ahl)

BASIC for Everyone (T. Worth: Prentice Hall)

BASIC for Home Computers (R. Albrecht, L. Finkel, and J. R. Brown: Wiley)

BASIC from Ground Up (D. E. Simon: Hayden)

Basic Microprocessors and the 6800 (R. Bishop: Hayden)

BASIC Programming (J. G. Kemeny and T. E. Kurz: Wiley Interscience)

BASIC Programming for Scientists and Engineers (W. Hubin: Prentice Hall)

BASIC Software Library, Vols. I–VIII (R. Brown: Scientific Research Instruments, Box 490099-1, Key Biscayne, FL 33419, USA)

Beginners Guide to Computers (T. F. Fry: Newnes-Butterworth)

Beginners Guide to Microprocessors (Gilmore)

Beginning BASIC (P. Chirlan: Dillithium Press)

Best of Byte, Vol. 1 (Byte Publications)

Best of Creative Computing, Vol. 1 (D. Ahl: Creative Computing Press)

Best of Creative Computing, Vol. 2 (D. Ahl: Creative Computing Press)

CMOS Cookbook (D. Lancaster: Sams)

Consumer's Guide to Personal Computing and Microcomputers (S. Freiberger, and P. Chew: Hayden)

DEBUG: An 8080 Interpretive Debugger (J. Titus and C. Titus: Sams)

Digital Circuits and Microcomputers (D. E. Johnson, J. L. Hilburn, and P. M. Julich: Prentice Hall)

Digital Troubleshooting (R. Gasperini: Hayden)

Dr. Dobbs Journal, Vol. 1 (People's Computing Company)

Fundamental Principles of Microcomputer Architecture (K. Doty: Matrix Publishers)

General Ledger (Osborne Ass.)

Getting Acquainted with Microprocessors (L. E. Frenzel: Sams)

Getting Involved with Your Own Computer (L. Solomon and S. Veit: Ridley Enslow, Box 301, Short Hills, NJ 07078, USA)

Hobby Computers Are Here (W. Green: 73 Inc., Peterboro', NH 03458, USA)

Home Computer Digital Electronics (M. Miller and D. Irwin: Dillithium Press)

Home Computer Primer (C. Sippl: Dillithium Press)

Home Computers: 2¹⁰ Questions and Answers, Vol. 1 Hardware/Vol. 2 Software (R. Didday: Dillithium Press)

Home Computers: Beginners Glossary and Guide (M. Miller and C. Sippl: Dillithium Press)

How to Build a Computer-controlled Robot (T. Loof-bourrow: Hayden)

How to Build a Microcomputer – and Really Understand It (S. Creason)

How to Buy and Use Minicomputers and Microcomputers (W. Barden: Sams)

How to Profit From Your Personal Computer (T. G. Lewis: Hayden)

How to Program Microcomputers (W. Barden: Sams)

IC MASTER (Annual: United Technical Publications)

Illustrating Basic (D. Alcock: Cambridge University Press)

Instant (Freeze-dried Computer Programming in) BASIC (J. R. Brown: Dymax, Menlo Park, California, USA)

- International Microcomputers Minicomputers/Microprocessors, 1977** (Conference Report: IPC Science and Technology Press)
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- Introduction to Microcomputers** (C. Rockwell: Microlog)
- Introduction to Microcomputers and Microprocessors** (A. Barna and D. I. Porat: Wiley Interscience)
- Introduction to Microprocessor Programming Using PL/Z** (R. Conway, D. Gries, C. Bass and M. Fay: Prentice Hall)
- Introduction to Microprocessors** (D. Aspinall)
- Introduction to Microprocessors: Software, Hardware, Programming** (L. A. Leventhal: Prentice Hall)
- Introduction to Microprocessor Systems Engineering** (Camp, Smay and Triska: Matrix Publishers)
- Introduction to TRS80 Graphics** (D. Inman: Dilithium Press)
- Large Scale Integration** (L. Altman: McGraw Hill)
- M6800 Microprocessor Applications Manual** (Motorola Semiconductors)
- M6800 Programming Manual** (Motorola Semiconductors)
- M6800 Programming Reference Manual** (Motorola Semiconductors)
- Making Money With Your Microcomputer** (C. Townsend and M. Miller: Robotics Press)
- Microcomputer Analog Conversion Software and Hardware Interface** (J. Titus, C. Titus, P. Rony and D. Larsen: Sams)
- Microcomputer Based Design** (J. B. Peatman: McGraw Hill)
- Microcomputer Basic** (K. Knecht: Dilithium Press)
- Microcomputer D.A.T.A. Book** (Annual: Data Inc., 45 US Highway 46, Box 602, Pine Brook, NJ 07058, USA)
- Microcomputer Design** (C. A. Ogdin: Prentice Hall)
- Microcomputer Experiments** (H. Boyet: Dilithium Press)
- Microcomputer Handbook** (C. J. Sippl: Petrocelli/Charter)
- Microcomputer Primer** (M. Waite and M. Pardee: Sams)
- Microcomputer Programming: 6502** (R. Zaks: Sybex)
- Microcomputers and Microprocessors: Hardware and Software** (R. J. Tocci and L. P. Laskowski: Prentice Hall)
- Microcomputers in Schools** (C. Doerr: Hayden)
- Microcomputers/Microprocessors: Hardware, Software and Applications** (J. L. Hilburn and P. N. Julich: Prentice Hall)
- Microcomputer Troubleshooting Manual** (Micro-Info Associates, Box 849, Castroville, CA 95012, USA)
- Microprocessor Applications Manual** (Motorola Staff: McGraw Hill)
- Microprocessor and Small Digital Computer Systems for Engineers and Scientists** (Korn)
- Microprocessor Architecture and Programming** (W. F. Leahy: Wiley Interscience)
- Microprocessor Basics** (M. S. Elphick: Hayden)
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- Microprocessor Encyclopedia, Vols. I and II** (Sybex)
- Microprocessor Interfacing Techniques** (A. Lesea and R. Zaks: Sybex)
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- Miniprocessors: From Calculators to Computers** (D. L. Heiserman: Tab Books)
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- Small Computer Systems Handbook** (S. Libes: Hayden)
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- The Architecture of Microcomputers** (S. E. Greenfield: Prentice Hall)
- The Cheap Video Cookbook** (D. Lancaster: Sams)
- The 'Compuator' Book** (R. P. Haviland)
- The Computer Book** (ARTECH House Books)
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- The Z80 Micro-computer Handbook** (W. Barden: McGraw Hill)
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- Users Guide to North Star BASIC** (Interactive Computers, 7620 Dashwood, Houston, TX 77036, USA)
- Using the 6800 Microprocessor** (E. Poe: Sams)

- What to Do After You Hit Return** (People's Computer Company, Menlo Park, California, USA)
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- Z80 Assembly Language Programming** (Osborne Ass.)
- Z80 Instruction Book** (Scelbi Publications)
- Z80 Programming for Logic Design** (A. Osborne, J. Kane, R. Rector and S. Jacobson: Osborne Ass.)
- 101 BASIC Computer Games** (D. Ahl)
- 110 BASIC Computer Programs** (J. Giler: Hayden)
- 6502 Applications Book** (Sybex)
- 6502 Assembly Language Programming** (Osborne Ass.)
- 6800 Assembly Language Programming** (Osborne Ass.)
- 6800 Programming for Logic Design** (Osborne Ass.)
- 8080 Microcomputer Board Data Manual** (D. Bursky: Hayden)
- 8080 Programming for Logical Design** (Osborne Ass.)
- 8080A/8085 Assembly Language Programming** (L. A. Leventhal: Osborne Ass.)
- 8080A Bugbook: Microcomputer Interface and Programming** (P. Rony, D. Larsen and J. Titus: Sams)
- PART II MAGAZINES**
- Bit Bucket** (National Semiconductor MS115, 2900 Semiconductor Drive, Santa Clara, CA 95051, USA)
- BYTE** (Byte Publications Inc., 70 Main St., Peterborough, NH 03458, USA)
- Calculators-Computers** (Dymax, Box 310, Menlo Park, CA 94025, USA)
- Circuit Manufacturing** (Benwill Publishing, 167 Corey Rd., Brookline, MA 02146, USA)
- Compute** (National Semiconductor, 2900 Semiconductor Drive, Santa Clara, CA 95051, USA)
- Computer Decisions** (Hayden Publishing, 50 Essex St., Rochelle Park, NJ 07662, USA)
- Computer Design** (Box A, Winchester, MA 01890, USA)
- Computer Hobbyist** (Box 295, Cary, NC 27511, USA)
- Computer Magazine** (I.E.E.E. Computer Society, 5855 Naples Beach Plaza, No. 301, Long Beach, CA 90803, USA)
- Computer Music Journal** (Box E, Menlo Park, CA 94025, USA)
- Computer Notes** (MITS, 2450 Alamo SE, Albuquerque, NM 87108, USA)
- Computer Products International** (IPC Electrical-Electronic Press, Dorset House, Stamford St., London, SE1 9LU, UK)
- Computer Weekly** (IPC Press, Dorset House, Stamford St., London, SE1 9LU, UK)
- Computer World** (747 Washington St., Newtonville, MA 02160, USA)
- Computers and People** (815 Washington St., Newtonville, MA 02160, USA)
- Computing Newsletter** (Box 734J, Colorado Springs, CO 80933, USA)
- Creative Computing** (Box 789M, Morristown, NJ 07960, USA)
- Data General Education News** (Data General Corp., Southboro, MA 01772, USA)
- Datamation** (Technical Publishing Co., 34 East Putnam Ave., Greenwich, CT 06830, USA)
- Dr Dobbs Journal of Computer Calisthenics and Orthodontia** (Box E, Menlo Park, CA 94025, USA)
- DUMP (TRS 80 User)** (Dump Publications, Box 2454, Jacksonville, FL 32203, USA)
- EDN** (Cahner Publishing, 270 St. Paul St., Denver, CO 80206, USA)
- EDU** (Educational Products Group, Digital Equipment Corp., 146 Main St., Maynard, MA 01754, USA)
- Educational Computing** (Lawrence Hall of Science, University of California, Berkeley, CA 94720, USA)
- Electronic Design** (Hayden Publishing, 50 Essex St., Rochelle Park, NJ 07662, USA)
- Electronic Engineering Times** (Electronic Buyers News, 280 Community Drive, Greatneck, NY 11021, USA)
- Electronic Products** (645 Stewart Ave., Garden City, NJ 11530, USA)
- Electronics Projects News Letter** (Box 1026, Fremont, CA 94538, USA)
- Elementary Electronics** (229 Park Avenue South, New York, NY 10003, USA)
- H.P. Educational News Letter** (Hewlett Packard, 5303 Stevens Creek Blvd., Santa Clara, CA 95053, USA)
- Information Display** (Society for Information Display, 654 Sepulveda Blvd., Los Angeles, CA 90049, USA)
- Infosystems** (Hitchcock Publishing, Hitchcock Building, Wheaton, IL 60187, USA)
- Interface Age** (16704 Marquardt Ave., Cerritos, CA 90701, USA)
- Journal of Community Communications** (LGC Engineering, 1807 Delaware, Berkeley, CA 94703, USA)
- Journal of Technological Horizons in Education** (Information Synergy Inc., Box 992, Acton, MA 01720, USA)
- Kilobaud** (73 Pine St., Peterborough, NH 03458, USA)
- MFO Systems** (Hitchcock Building, Wheaton, IL 60187, USA)

- Micro-8 News Letter** (Cabrillo Computer Center, 4350 Constellation Rd., Lompoc, CA 93436, USA)
- Microcomputer Digest** (2589 Scott Blvd, Santa Clara, CA 95050, USA)
- Microcomputer News** (Intel Corp., 3065 Bowers Ave., Santa Clara, CA 95051, USA)
- Microelectronics Journal** (Mackintosh Publications Ltd, Mackintosh House, Napier Road, Luton, Beds., LU1 1RG, UK)
- Microprocessors** (IPC Science and Technology Press)
- Minicomputer News** (Benwill Publishing Corp., 167 Corey Rd., Brookline, MA 02146, USA)
- Mini-Micro Systems** (Modern Data Services, 5 Kane Industrial Drive, Hudson, MA 01749, USA)
- Online** (24695 Santa Cruz Highway, Los Gatos, CA 95030, USA)
- Oregon Computer Teacher** (Oregon Council for Computer Education, 4015 S.W. Canyon Rd., Portland, OR 97221, USA)
- People's Computers** (People's Computer Co., Box E, Menlo Park, CA 94025, USA)
- Personal Computer World** (62A Westbourne Grove, London W)
- Personal Computing** (Benwill Publishing Corp., 1050 Commonwealth Ave., Boston, MA 02215, USA)
- Physicians Microcomputer Report** (Box 6483, Lawrenceville, NJ 08648, USA)
- Polyphony** (PAIA Electronics, 1020 W. Wilshire Blvd., Oklahoma City, OK 73116, USA)
- Popular Computing** (Box 272, Calabasas, CA 91302, USA)
- Popular Electronics** (1 Park Ave., New York, NY 10016, USA)
- Practical Computing** (ECC, 2 Dunçan Terrace, London, N1, UK)
- Radio Electronics** (200 Park Ave. South, New York, NY 10016, USA)
- ROM** (Route 97, Hampton, CT 06247, USA)
- SCCS Interface** (Southern California Computer Society, Box 54751, Los Angeles, CA 90054, USA)
- Simulation Gaming** (Box 3039, University Station, Moscow, ID 83843, USA)
- Small Business Computer Magazine** (33 Watchung Plaza, Montclair, NJ 07042, USA)
- Systems International** (IPC Electrical-Electronic Press, Dorset House, Stamford St., London, SE1 9LU, UK)
- The Recreational Programmer** (Box 2571, Kalamazoo, Michigan 49003, USA)
- 73 Mag** (Green Publishing, Peterborough, NH 03458, USA)

Appendix H

Manufacturers' House Codes

Type number prefixes associated with different manufacturers codings as listed in Appendix C.

| | | | |
|------------|-------------------------------|---------------|------------------|
| A=ROK | LS=LSI | SYP=SYN | μCOM=NEC |
| AM=ADM | M=SGS/INL/PHI/FAS/ MIT/MTA | T=TOS | μPB=NEC |
| AMS=ADM | MB=INL/FUJ | TBM=TII | μPC=NEC |
| AY=GEI | MBM=FUJ | TC=TOS | μPD=NEC |
| B=INL | MC=MTA/INL | TCP=TOS | 8T=FAS/SIG |
| C=INL/ADM | MCC=MTA | TD=TOS | 8X=SIG |
| CCD=FAS | MCM=MTA | TDC=TRW | 21F=PHI |
| CD=RCA | MCS=MSC | TDP=TOS | 21L=PHI/FAS |
| CDP=RCA | MD=INL/MIL | TIM=TII | 25L=SIG |
| CDPR=RCA | MH=ADM | TMM=TOS | 29LS=MMI |
| CM=INL | MK=MSK | TMP=TOS | 54LS=FAS/ADM/SIG |
| CP=GEI | MM=MTA/ROK/ADM | TMS=TII | 54S=ADM |
| CRT=STM | MMH=ADM/MTA | UC=WDC | 74LS=FAS/ADM/SIG |
| D=INL | MMI=MMI | WF=WDC | 74S=SIG/ADM |
| DM=NAT | MMIL=MMI | XC=MTA | 81LS=NAT |
| DP=NAT | MN=DGC/MAS | XL=MIC | 82S=ADM |
| DS=ADM | MP=SIG | Z=ZLG/SGS/MSK | 93L=FAS |
| EA=ELA | MPQ=MTA | ZN=FER | |
| EMM=EMM | MPS=MSC | | |
| ER=GEI | MPY=TRW | | |
| F=FAS/FER | MUX=GEI | | |
| FD=WDC | MW=RCA | | |
| GFB=THC | MWS=RCA | | |
| GXB=PHI | N=SIG/PHI | | |
| GZF=PHI | NSC=NAT | | |
| H=INL | P=INL | | |
| HD=HIT | PACE=NAT | | |
| HEF=PHI | PIC=GEI | | |
| HM=HAR/HIT | PPS=ROK | | |
| HN=HIT | R=ROK/RAY | | |
| HYB=SIE | RA=GEI | | |
| I=INL | RC=ROK | | |
| ICL=INS | RO=GEI | | |
| ICM=INS | S=SIG/AMI | | |
| ID=INL | SAB=SIE | | |
| IDM=NAT | SBP=TII | | |
| ILE=NAT | SC/MP=NAT | | |
| IM=INS/ADM | SEMI=EMM | | |
| IMP=NAT | SFC=THC | | |
| INS=NAT | SFF=THC | | |
| IOB=GEI | SL=FAS | | |
| IPS=NAT | SMC=TII | | |
| ISP=NAT | SN=TII | | |
| ITT=ITT | SY=SYN | | |
| L=ELA | SYC=SYN | | |
| LP=GEI | | | |

Appendix I

Glossary of Microprocessor Terms

- Accumulator:** Temporary storage register that stores sums and other arithmetic operations of an arithmetic logic unit.
- Algorithm:** Set of well-defined processes or rules for solution of a problem (named derived from Al-Kuwariymi, 9th century Arabian)
- ALU:** Part of CPU that performs arithmetical, logical and related operations; together with memory and control forms complete CPU.
- Architecture:** Organisational structure of microcomputing system showing such items as number of registers, memory distribution, software instruction, operating speed, etc.
- ASCII:** American Standard Code for Information Interchange, the most popular coding scheme used to represent alphanumeric characters, generally referred to only by initial letters ASCII and pronounced 'askie'.
- Assembler:** Computer program (software routine) which translates mnemonic (man readable) program statements (source code) into machine-readable statements (object code).
- Assembly language:** Programming language which uses symbolic representation (mnemonic symbols that suggest the functions of the instructions) and is translated into machine language by assembler.
- Assembly listing:** Computer printout made by assembler showing, line by line, how it interprets, the assembly language program.
- Asynchronous operation:** Operation of switching network where completion of one event initiates the next, there being no common timing source employed.
- Backplane:** The connector blocks and wiring constituting most (or all) of a system's interconnecting circuits.
- BASIC:** Programming language using simple English words, abbreviations and familiar mathematical symbols to perform arithmetic and logical operations.
- BAUD:** Measure of serial data flow rate; loosely bits per second.
- Benchmark:** Frequently used program (routine) used to compare and evaluate relative performance of different microcomputers.
- Bit:** Binary digit (abbreviation); smallest unit of data in microcomputers.
- Block diagram:** Illustration graphically depicting the separate functional units of a system and their interrelationship via the various data and control signal paths.
- Bootstrap program:** A short sequence of instructions permanently stored in a ROM chip in a microcomputer which, when activated by a manual switch, sets up intake of external programs from magnetic tape, paper tape, etc. to run in the microcomputer.
- Breakpoint:** Point in program at which execution can be halted, to permit visual check, printout, or other performance analysis, before continuing to completion.
- Buffer:** Isolating circuit inserted between other circuit elements to prevent interaction, to match impedances, to supply greater drive output, to delay information flow rate, etc.
- Bus:** Group of conductors providing communication path between different elements of microcomputer.
- Bus driver:** Circuit for amplifying bus signal to ensure valid receipt of signal at destination.
- Byte:** Set of contiguous binary bits which microcomputer handles as a single entity; 'byte' now commonly (if not entirely correctly) taken to mean 8-bit group.
- Central Processing Unit (CPU):** The section of a microcomputer that includes circuits controlling the interpretation and execution of program instructions.
- Character:** One of a set of alphabetic, numeric or graphic symbols, each character being represented by a unique binary code.
- Chip:** A term often used to describe a packaged integrated circuit.
- Clock:** A pulse generator generating basic repetitive timing signals to which all system operations in the microcomputer are synchronised.
- COBOL:** Acronym for COmmon Business-Oriented Language
- Code:** (i) Language in which a code is written or (ii) actual instructions once written in, compiled into, or assembled into, a language.
- Compiler:** Computer program used to translate a high level language program (e.g. Fortran) into a computer-oriented assembly (machine) language program.
- Condition code:** Group of program conditions (such as carry, borrow, overflow, etc.) that are particularly relevant to instruction execution.
- Console:** Operator's control panel or terminal in computer system.
- Control bus:** Bus carrying control signals that regulate system operation within and without the microcomputer.
- CPU:** See Central Processing Unit.
- CROM:** Control Read-Only Memory; a ROM microprogrammed to decode control logic.
- Cross assembler:** Computer program used to translate symbolic-language programs assembled on one computer into machine-language programs that operate on another computer.

- Crowbar:** DC power supply protective circuit that shorts the dc output to ground when an overload condition occurs.
- Current loop:** Data communication line on which the presence or absence of an electrical current is used to represent transmitted data.
- Daisy chain:** Interrupt priority arrangement in which the interrupt bus is searched serially.
- Data buffer:** Temporary storage register in a CPU or peripheral device capable of receiving or transmitting data at different I/O rates.
- Data bus:** Bus used to communicate data internally and externally in both directions between CPU, memory and peripheral devices.
- Data pointer:** Register holding memory address of the data (operand) to be used by an instruction.
- Debug:** To identify, investigate and eliminate faults in program routines.
- Debug programs:** Special programs designed to help programmers to detect, trace and eliminate errors in programs as they are run in the computer.
- Dedicated:** Refers to microcomputer programmed only for a single special application.
- Development tool:** Hardware device, software program or combination of these, which assists designers and programmers to design or develop their system.
- Device:** A unit of processing equipment in a computer system external to the CPU; synonymous with 'peripheral'.
- Diagnostic program:** Program designed to check for proper operation the various hardware parts of a microcomputer (CPU, memory, VDU, etc.).
- DIL:** Dual-In-Line package; most common IC package used for microcomputer chips.
- DMA:** Direct Memory Access; a method of gaining direct access to main storage to achieve data transfer without involving the CPU.
- Dynamic Memory:** Memory device which stores data as charge on a capacitive component and therefore needs refreshing (reading out and re-writing in) repetitively in order to preserve its contents.
- EAROM:** Electrically Alterable Read Only Memory; special type of ROM in which data can be erased and new data written in electrically.
- EBCDIC:** Extended Binary-Coded Decimal Interchange Code; 8-bit character code primarily used in IBM equipment.
- Editor:** Microcomputer program designed to allow manipulation of source program material; also called 'text editor' or 'paper tape editor'.
- Emulator:** Program (or hardware device) which duplicates instruction set of one computer on a different computer and thus allows program development for a computer without having that computer available.
- Enable:** Signal condition which permits specific data processing event to take place.
- Execute:** Perform specified computer instruction; run a computer program.
- Fetch:** Read out of an instruction from main memory and insertion of instruction into working memory.
- File:** Collection of related data record treated as unit; file can be in different hardware forms such as disk, cassette, mag. tape, punched paper tape, semiconductor memory, etc.
- Firmware:** Programming instructions stored permanently in read-only-memory (ROM).
- Flag bit:** Information bit that indicates occurrence of special condition such as overflow, carry, interrupt.
- Flat pack:** IC package with leads issuing radially in same plane as package; useful for high density packaging.
- Flowchart:** (Flow diagram) Sequence of operations charted with aid of symbols, diagrams and other representations to indicate the processing steps performed by a computer program.
- Format:** Orderly structured arrangement of data elements to form larger entity such as file, list, table, etc.
- Fortran:** FORMula TRANslator; science oriented high level computer language.
- Fuzible link:** Type of PROM chip in which circuits form bit patterns by being made open circuit (fuzible link destroyed by applying high current) or left closed (fuzible link left intact).
- General Register:** Internal addressible register in CPU which can be used for any temporary storage requirement.
- Ground plane:** Common ground electrical path for power and/or signals.
- Hard copy:** Output from microcomputer in permanent printed form.
- Hardware:** Physical equipment forming computer system.
- Hard-wired logic:** Group of logical circuits permanently interconnected to perform specific function.
- High-level language:** Computer language using symbols and statements an operator can read; problem-oriented and independent of make of computer on which program is finally run.
- Input/Output (I/O):** General term applied to equipment and/or data involved in connecting the CPU with the outside world.
- IC:** Integrated Circuit; Solid-state microcircuit consisting of interconnected active and passive devices diffused into a single silicon chip (also called 'monolithic' IC).

- Instruction:** Expression defining a computer operation and identifying its operands.
- Instruction cycle:** Time required to fetch an instruction from memory and execute it.
- Instruction length:** Number of bytes of memory space required to store an instruction.
- Instruction set:** Total list of instruction that a given microprocessor can execute.
- Interpreter:** Program which fetches and immediately executes instructions written in a higher level language.
- Interrupt:** Procedure which enables a program being executed by a microprocessor to be temporarily suspended and an alternative program to be executed before finally original program execution is resumed where it broke off.
- Interrupt latency:** Delay between interrupt request to a microprocessor and acknowledgment of request.
- Interrupt mask:** (Interrupt enable); Circuitry which allows program to specify whether or not interrupt requests will be accepted.
- Interrupt service routine:** Program that (i) stores away status of various CPU registers, (ii) performs program called for by interrupt, (iii) restores CPU to pre-interrupt status, and (iv) resumes interrupted program.
- Interrupt vector:** Two memory locations assigned to an interrupting device and containing starting address and microprocessor status word for its service routine.
- I/O Controller:** Control electronics required to interface an I/O device to a microcomputer CPU.
- I/O Port:** Connection to microcomputer CPU providing data path between CPU and external devices (keyboard, visual display unit, etc.); may be input, output, or bidirectional.
- Library:** Collection of complete programs written for a particular microcomputer.
- Loader:** Computer program designed to enter a program from an input device into working memory (usually RAM) in the microcomputer.
- LSI:** Large Scale Integration; high-density IC for logic functions (typically 1000 to 10000 gates in one chip).
- Machine code:** Machine language.
- Machine language:** Numeric form of specifying every bit of every instruction in a program to give the final binary program code which the microcomputer uses directly.
- Macro:** (Macroinstruction) A program routine comprising a string of standard, but related, commands which are put into effect by means of a single macro command.
- Mass storage:** Description applied to large-capacity peripheral memory devices such as magnetic disk, magnetic tape, etc.
- Memory:** General term for internal store where data, programs or other information needed by microcomputer are held.
- Microcomputer:** Term used to describe complete microprocessing system (including memory, etc.) by analogy with minicomputer.
- Microflop:** Very small (less than 5 in. diameter) flexible magnetic disk for data storage.
- Microprocessor:** Single IC chip (or set of chips) capable of performing the functions of a computer central processor.
- Microprogrammable computer:** Microcomputer in which the instruction set can be changed by changing a special ROM called the 'Microm'.
- Microtutor:** Low-cost self-contained microcomputer providing hands-on introduction to microcomputer practice.
- Miniflop:** Small (5½ in. diameter) flexible magnetic disk for data storage.
- Mnemonic code:** Program language using mnemonic symbols or abbreviations (groups of letters suggesting meaning of each instruction)
- Modem:** Device interfacing data processing equipment with communication line.
- Monitor:** Program providing uniform method of program timing, scheduling and handling of input/output tasks.
- MPU:** Micro Processing Unit; alternated name for CPU.
- MSI:** Medium Scale Integration; medium-density IC for logic functions; typically 100-1000 gates per chip.
- Multiplexing:** Transmitting more than one signal at a time over a single link, route or channel.
- Multiprocessing:** Simultaneous execution of multiple programs by one computer, using a number of CPU's operating with a common memory.
- Nibble:** Group of 4 bits operated upon as a unit.
- Non-volatile memory:** Type of computer memory which retains its data contents during power loss or system shut down.
- Object program:** Binary form of a source program produced by an assembler or compiler.
- Operating system:** Structured set of software routines whose function is to control the execution sequence of programs running on a microcomputer.
- Op-code:** (Operating code) Source statement which generates machine code after assembly.
- Page:** Natural grouping of memory locations by higher order address bits.
- Parallel operation:** Processing of all the bits of a word (byte) simultaneously by transmitting on separate channel or bus lines.

- Peripheral (equipment):** External equipment used to enter data into and receive data from a microcomputer.
- Pointer:** CPU registers that contain memory addresses; also referred to as data pointers or program counters.
- Polling:** Process in which a number of peripheral devices are interrogated one at a time by the CPU to determine if service is required.
- Port:** Terminals that provide electrical path between the microprocessor and the outside world.
- Program:** Complete sequence of computer instructions necessary to solve a specific problem, perform a specific action, or respond to external stimuli in a prescribed manner.
- Program counter:** CPU register containing address of next instruction to be fetched and executed.
- PROM:** Programmable Read Only Memory; a ROM into which the user can write information with special equipment.
- Prototyping system:** Hardware system used to breadboard a microprocessor-based product.
- RALU:** Register Arithmetic Logic Unit; ALU with register(s).
- RAM:** Random Access Memory; Computer memory structured so that the time required to access any data item stored in the memory is the same as for any other item.
- Read:** To acquire and/or interpret data from a memory device.
- Register:** Memory location used for specific logical or control functions, used where normal memory addressing is too slow.
- RMM:** Read Mostly Memory; A ROM memory device which can be erased and rewritten, usually at a far slower speed than at which it can be read.
- ROM:** Read Only Memory; Fixed memory with data permanently pre-recorded, unavailable for change by user.
- Scratch pad memory:** RAM used by microprocessor as a temporary, fast-access store for interim results, variable data and working figures or information.
- Serial I/O:** Data transfer between microprocessor and peripheral devices bit by bit sequentially over a single conductor.
- Service routine:** Set of instructions to perform a programmed operation, typically in response to an interrupt.
- Simulator:** Software development tool which executes a program, almost as the final system would, but slowly so as to produce a program tape.
- Slice:** Type of chip architecture permitting stacking (cascading/paralleling) of elements to increase word size.
- Software:** The routines and program instructions of a microprocessor which are 'soft', i.e. changeable and reloadable.
- Software documentation:** Program listing and/or technical manuals describing the operation and use of programs.
- Source program:** Computer program in a high-level or assembly language.
- SSI:** Small Scale Integration; Low-density IC for logic functions (typically less than 100 gates per chip)
- Stack:** Sequence of registers or memory storage locations accessible on a Last-In-First-Out (LIFO) basis.
- Standard floppy:** Medium size (8 in. diameter) flexible magnetic disk for data storage.
- Statement:** Instruction written in source language; one line of source code.
- Static memory:** Semiconductor RAM which does not require periodic refresh cycles.
- Storage:** Term sometimes used interchangeably with memory, although storage is generally restricted to external mass storage.
- String:** Sequence of characters stored via their numeric codes.
- Subroutine:** Subprogram (group of instructions) reachable from more than one place in the main program.
- Synchronous operation:** Circuit operation using a common timing source (clock) to time the circuit or data transfer operations.
- Syntax:** Formal structure rules governing statement structure in a programming language.
- Switch register:** Set of manual switches, typically equal to the number of bits in the microcomputer word, usually located on the computer control panel.
- Terminal:** Input/output device at which data leaves or enters a computer system.
- Text editor:** Program which helps a user to create, adapt, sort or otherwise modify a source program.
- Trace:** Execution of program instructions one at a time to check or report the contents of registers, accumulators, and specified memory locations at each stage.
- UART:** Universal Asynchronous Receiver Transmitter; device to interface word parallel controller or data terminal to a bit-serial communication network.
- Vectored interrupt:** Interrupt system in which each interrupt can be immediately serviced without having to determine which has occurred by polling.
- VLSI:** Very Large Scale Integration; Very-high-density IC for logic functions (typically 10000 to 100000 gates per chip)
- Volatile memory:** Memory whose content is irretrievably lost when operating power is removed.

Word: Set of binary bits handled by the computer as a primary unit of information.

Word length: Number of bits in a computer word.

Write: Process of storing data in a memory.

Appendix J

Explanatory Notes to Tabulations

| DEVICE TYPE NO. | FUNC- TION (APP. A) | DATA WORD LENGTH | DEVICE DESCRIPTION | MICRO FAMILY (APP. B) |
|---|---------------------------|------------------------|---|--|
| (EXAMPLE) MC6800L | MPU | 8-BIT | CPU; 72 INSTRUCTION SET; 1MHz 2PH. CLOCK (APP. B) | 6800 |
| ----- NUMERO- ALPHABETIC LISTING | | | ----- | ----- |
| APPLICATION FUNCTION CLASSIFICATION CODED AS APP. A LISTING | | | | RELATED MICROPROCESSOR CHIP FAMILY (AS PER LIST IN APPENDIX B) WITH WHICH THE DEVICE IS COMMONLY USED |
| NUMBER OF BITS IN DATA WORD EMPLOYED | | | | |

Appendix J

| M K R (APP. C) | PACKAGE (APP. E) | LSI TYPE (APP. D) | OPER. TEMP. RANGE | DC SUPPLY VOLTAGES | POWER REQT. (MAX) | INPUT LOGIC LEVELS | OUTPUT LOGIC LEVELS | SUBSTITUTE | DEVICE TYPE NO. (Repeated) |
|--|---------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|---------------------------|------------|---|
| (EXAMPLE) MTA | DIL-40/2C | NMOS | 0/+70C | +5V | 1.2W | TTL | TTL/TS | S6800/3M | MC6800L |
| CODE INDICATION OF DEVICE SUPPLIER – SEE LISTING IN APP. C | | | | | | | | | REPEAT OF FIRST COLUMN OF LH PAGE TO FACILITATE FINDING DEVICE BY TYPE |
| CODE INDICATION OF DEVICE PACKAGE – SEE LISTING IN APP. E. | | | | | | | | | SUGGESTED POSSIBLE SUBSTITUTE OR REPLACEMENT DEVICE |
| CODE INDICATION OF LSI FABRICATION TECHNOLOGY USED IN DEVICE – SEE LISTING IN APP. D | | | | | | | | | OUTPUT LOGIC VOLTAGE LEVELS EXPRESSED EITHER AS EXACT LOW AND HIGH LIMITS (V) OR AS NOTIONAL LEVELS (TTL, MOS, ETC.) |
| PERMISSIBLE OPERATING TEMPERATURE RANGE IN DEGREES CENTIGRADE | | | | | | | | | INPUT LOGIC VOLTAGE LEVELS EXPRESSED EITHER AS EXACT VOLTAGE LOW AND HIGH LIMITS (V) OR AS NOTIONAL LOGIC LEVELS (TTL, MOS, ETC.) |
| NOMINAL VOLTAGE(S) OF DC SUPPLY RAILS REQUIRED BY DEVICE. | | | | | | | | | DC POWER SUPPLY REQUIREMENT EXPRESSED EITHER IN POWER DISSIPATION (mW OR W) OR IN MAXIMUM PERMISSIBLE SUPPLY CURRENT AT NOMINAL DC SUPPLY VOLTAGE (mA OR A) |

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