

PRINTERS

RECOMMENDED PRODUCTS FROM SGS-THOMSON

POWER SUPPLY

Type	Description	Function
L78xx L79xx L78Mxx LM317 LM317MDT LM323 LM337 LM338K LM350K L78Sxx L78Lxx LM723	1.5A Series TO-220/Isowatt 220/TO-3 1.5A Series TO-220/Isowatt 220/TO-3 0.5A Series TO-220/Isowatt 220/DPAK/SOT194/SOT82 1.5 Adj TO-220/Isowatt 220/TO-3/SO8/TO92/TO39 0.5A Adj DPAK 3A fixed TO-3/TO-220 1.5A Adj TO-220/TO-3/TO-39 5A Adj TO-3 3A Adj TO-3 2A Series TO-220/TO-3 100mA Series TO-92/SO-8 0.15A Adj DIP-14	Conventional Regulators
L4940Vxx L4941 LFxx LExxA/C LK115Dxx LD1117xx L4931	1.5A Series TO-220 1A fixed 5V TO-220 0.5A Series TO-220/Pentawatt/DPAK/PPAK/SO-8 100mA Series TO-92/SO-8 100mA Series SO-8 800mA Series TO-220/DPAK/SOT/223 300mA Series SO-8	Low Drop Regulators

SEE MEMORYPRODUCTS SELECTOR FOR RECOMMENDED MEMORIES

PRINTERS	
A	OTP Memory - 5V range
D	OTP Memory - ROM compatible
E	UV EPROM - 5V range
F	UV EPROM - ROM compatible
G	FLASH Memory - Dual supply 5V/12V
I	FLASH Memory - Dual supply 5V only
J	Serial EEPROM I2C Bus - 2 wire 100 KHz
K	Serial EEPROM I2C Bus - 2 wire 400 KHz
O	Parallel EEPROM - 3V range
P	Parallel EEPROM - 5V range
U	Very fast SRAM - 5V range
V	Very fast SRAM - 3.3V range

POWER SUPPLY (Cont'd)

Type	Function
L296 L4960 L4962 L4972A L4974A L4975A L4977A L4970A L4963D L4964	DC-DC Converters 1.5A Switching Regulators 1.5A Switching Regulators
GS-R400 Family GS-R400/2 Family GS-R51212 GS100T300 Family GS175T48 Family	Switching DC-DC converters & voltage regulators modules Single & multiple outputs
BUF405A BUF410A SGSIF444 BYW29-200 BYW51-150 STPR STPS	1000 V ETD 1000 V ETD 1200 V Isowatt 218 8A, 35ns Diode 2x10A, 35ns, Diode FRED Diodes Power Schottky Diode
SG3524 SG3525A SG3527A UC3842/3/4 A/B TEA5170	SMPS Controller
TL77XXA	Undervoltage Supervisor
AVS8/10/12/20	Automatic Voltage Switch

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PRINT HEAD HAMMER DRIVE

Type	Function
ULN2003A/D1 ULN2064B ULN2068B ULN2074B L702B/N L6221 AS	High Current Darlington Drivers
L9222	Transistor Array
L5832 L6504	Hammer Drive Controller
BDX53 & BDX 54 Series BDW93 & BDW94 Series	Darlington in TO-220
IRF530 SGS120 Series	POWER MOS Darlington in SOT-82
L294 L295	Switch Mode Solenoid Driver
L6115 L6123	DMOS Switches
LM334 LM336	Adjustable Current Source 2,5 Voltage Reference
TL431 MC1403	Voltage Reference

ANALOG SIGNAL PROCESSING

Type	Function
TS27XX TS37XX TS393 TS339 TS3V9XX	CMOS Op-Amps CMOS Comparator Rail to Rail Op. Amp.
TS55X	CMOS Timers
BDX53 & BDX54 Series BDW93 & BDW94 Series	Darlington in TO-220
IRF530 SGS120 Series	POWER MOS Darlington in SOT-82
L297 L6506	Stepper Motor Controllers
L290-1-2 L293DD L298-L6207 L272 L6201-2	DC Motor Drivers
TDB7910N	Power Stage OP-AMP

MOTOR DRIVER FOR - PAPER ENTRANCE - CARRIAGE - RIBBON

Type	Function
PBL3717A L293DD L298 L6201 L6204 L6219 L6221 AS TEA3717DP	Stepper Motor Drivers
GS-D200 GS-D200S GS-D050	Stepper Motor Driver Module
L6285	Combo motor driver

INDUSTRY LINE STANDARD

Type	Function
MC1488P MC1489P MC1489AP	Receiver and Drivers RS232
ITA25B1 ESDA6V1S3 ESDA25B5	RS232 Protection Parallel Port Serial Port

COPROCESSORS/PERIPHERAL DEVICES

Type	Function
IMSC011 IMSC012 IMSC004	Link adaptor Link adaptor Link switch

Additional products: see next page

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SINGLE CHIP CONTROLLERS

Type	Function
ST621	2K ROM HCMOS 8-bit MCU with A/D-Converter
ST622	4K ROM HCMOS 8-bit MCU with A/D-Converter
ST624	8K 8-bit MCU with LCD Driver
ST62E1/HWD	2K EPROM
ST62E2/HWD	4K EPROM
ST62T1/HWD	2K OTP
ST62T2/HWD	4K OTP
ST9030	8K ROM H CMOS 8/16-bit MPU with ADC, SCI, 2 MFTs
ST90E30	8K EPROM CMOS 8/16 bit MCU with ADC, SCI, 2 MFTs
ST90R30	ROMLESS version of ST9030
ST90R50	ROMLESS HCMOS 8/16-bit MCU with ADC, 2SCI, 3 MFTs

CENTRAL CONTROLLERS

Type	Function
IMST225	16-bit TRANSPUTER
IMST400	32-bit TRANSPUTER (Low cost)
IMST425	32-bit TRANSPUTER
IMST805	32-bit TRANSPUTER-FPU

Additional products: see next page

