

POINT OF SALE TERMINALS

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/Isowatt220/TO-3 1.5A Series TO-220/Isowatt220/TO-3 0.5A Series TO-220/Isowatt220/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
TL431 MC1403	2.5V Shunt reference 2.5V Serial reference	Voltage Reference

SEE MEMORY PRODUCTS SELECTOR FOR RECOMMENDED MEMORIES

POINT OF SALES TERMINAS	
A	OTP Memory - 5V range
G	Flash Memory - Dual supply 5V/12V
I	Flash Memory - Dual supply 5V only
U	Very fast SRAM - 5V range
V	Very fast SRAM - 3.3V range
W	Smartcard products memories
X	Memories with security
Y	Memories with MCU

POWER SUPPLY (Cont'd)

Type	Function
L296 L4960 L4962 L4963 L4964 L4941 L4940V (Series)	High-current DC-DC converters Very low Drop V-Reg.
L4990/A SG3524 SG3527A UC3842/3/4/5 A/B TEA2260 TEA5170	SMPS Controller
TL77XX	Under Voltage Supervisor
LM334N/D LM336	Adjustable Current Source 2.5 Voltage Reference
AVS8/10/12/20	Automatic Voltage Switch
BUX12 BUV22 BUR50S	BIPOLAR Transistors
SGSIF461/463 SGSF341 SGSF324 SGSF344 SGSIF444 BUF405/A BUF410/A	ETD Transistors
STH15NA50/FI STW20NA50 STH11NA50/FI STH9N80/FI STH7NA80/FI BTP6NA80/FI STH6N100/FI	500 V to 1000 V POWER MOS
BYW29-200 STPS STPR	Ultrafast rectifier Power Schottky Diode Series FRED Diodes Series
GS-R400 Family GS-R400/2 Family GS-R51212 GS100T300 Family GS175T48 Family	Switching DC-DC converters & voltage regulators modules Single & multiple outputs

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POWER/MOTOR CONTROL

Type	Function
BU931P/PFI BUF420/FI BUF420A BUV18/19 BUW38/39 2N6673	Power BIP
SGSD00030 BUV48AFI BUV48CFI BUX98A BUX98C BUR51 BYT08P600 BYT12P 600	Power BIP Fast Rectifiers
IRF520 IRF540FI BUZ72A IRF540 STP40N10/FI STP33N10/FI IRF540/FI STK17N10 STP20N10 STK14N10	100 V POWER MOS

ANALOG SIGNAL PROCESSING

Type	Function
TS27XX TS37XX TS393 TS339 TS55X	CMOS Op-Amps CMOS Comparators CMOS Timers
TS3V9XX MC1403	Rail to rail Op. Amp. 2.5V Serial voltage ref.

DISPLAY DRIVERS LED DRIVERS

Type	Function
M5450 M5451 M5480 M5481 M5482	34 Segments 35 Segments 23 Segments 14 Segments 15 Segments

ACTUATOR AND MOTOR DRIVE

Type	Function
ULN2001-5 ULN2064-68-74 L702 TDE1737 TDE1747 TDE1798 TDE1767 TDB7910	Relay Driver Low Side/High Side High Side Drivers

MOTOR DRIVERS

Type	Function
L272 L298 L292 L293DD	DC Motor
MC3479C PBL3717A L293DD-L6221AD L702 TEA3717DP TEA3718DP L6221AS L6219 L6201/2/3	Stepper Motor
L297	Stepper Motor Controller
GS-D050 GS-D200	Stepper Motor

SMART/CARDS

Type	Function
L6605	Interface

DATA COMMUNICATION

Type	Function
MC1489P MC1489AP	RS232 Receiver
MC1488P	RS232 Driver
BFR36 2N5109	Small-Signal Transistor
ITA25B3/B4	RS232/422 Protection
DA... ESDA... ITA... TPN3021	Diode array for high speed protection RS232/422 port protection Centronics protection RS485 crowbar protection

Additional products: see next page

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RECOMMENDED PRODUCTS FROM SGS-THOMSON

SINGLE CHIP CONTROLLERS

Type	Function
ST621X	2K ROM/EPROM, 8-bit MCU, A/D Converter
ST622X	4K ROM/EPROM, 8-bit MCU, A/D Converter
ST626X	4K ROM/EPROM, 8-bit MCU, EEPROM, AR Timer, A/D Converter
ST624X	4/8K ROM/EPROM, 8-bit MCU, EEPROM, LCD segments drive
ST628X	8K ROM/EPROM, 8-bit MCU, EEPROM, LCD dot matrix drive
ST902X	12/16K ROM/EPROM, 8/16 bit MCU, SPI+SCI, 32/36 I/Os
ST903X	8/16K ROM/EPROM, 8/16 bit MCU, SPI+SCI, A/D Converter
ST904X	16K ROM/EPROM, 8/16 bit MCU, SPI+SCI, EEPROM, A/D Converter
ST90R50	ROMless, 8/17 bit MCU, SPI+SCI, 3 Timers, A/D Converter
IMS T225	16-bit Transputer
IMS T400	32-bit Transputer (Low cost)
IMS T425	32-bit Transputer

PERIPHERALS

Type	Function
IMSC011	Link adaptor
IMSC012	Link adaptor
IMSC004	Link switch

