

PHOTOCOPIERS

RECOMMENDED PRODUCTS FROM SGS-THOMSON

POWER SUPPLY

Type	Package	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 MEMORY PRODUCTS SELECTOR FOR RECOMMENDED MEMORIES

PHOTOCOPIERS	
A	OTP Memory - 5V range
D	OTP Memory - ROM compatible
E	UV EPROM - 5V range
F	UV EPROM - ROM compatible
K	Serial EEPROM I ² C Bus - 2 wire 400 KHz
N	Dedicated EEPROM
Q	ZEROPOWER - Battery backed SRAM monolithic types
R	ZEROPOWER - Battery backed SRAM module types
S	TIMEKEEPER - Battery backed SRAM with clock/calendar
T	SNAPHAT - Battery and battery/crystal

POWER SUPPLY (Cont'd)

Type	Function	
L296 L4960 L4962 L4963 L4964 L4974A L4972A L4970A L4975A L4977A	4A Switching Regulator 2.5A Switching Regulator 1.5A Switching Regulator 1.5A Switching Regulator 4A Switching Regulator 3.5A Switching Regulator 2A Switching Regulator 10A Switching Regulator 5A Switching Regulator 7A Switching Regulator	DC-DC Converter
L4941 L4940V (Series)	Very Low Drop V-Reg.	
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 SGSF463 SGSIF444 STH9N80/FI STH7NA80/FI STP6NA80/FI	Fastswitch Transistors 1200V in Isowatt 218 800V POWER MOS	
BYW51-200 BYW77-200 BYT13-1000 BYT11-600 STPS STPR	2x10A, 35ns Diode 25A, 50ns 3A, 1000 V 150ns 1A, 100ns Power Schottky Series FRED Diodes Series	
TYN TYP	Crowbar Protection	
SG3524 SG3525A SG3527A TEA5170 TEA2260 UC3842/3/4/5 A-B TL77XXA	SMPS Controller	
	Undervoltage Supervisor	



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MOTOR DRIVER FOR - PAPER ENTRANCE - CARRIAGE

Type	Function
PBL3717A MC3479C L293DD L298 L6221 AS L6203	Stepper Motor Drivers
GS-D050 GS-D200 GS-D200S GS-D200M	Stepper Motor Driver Module
BDX53Z & BDX54 Series BDW93 & BDW94 Series	Darlington in TO-220
IRF530/FI	Power MOS
SGS120 Series	Darlington in SOT-82
L297 L6506	Stepper Motor Controller
L293DD L298 L272	DC Motor Drivers

SOLENOID AND ACTUATOR DRIVE

Type	Function
ULN2003A/D1 ULN2064B ULN2068B ULN2074B L702B/N L6221 AS	High Current Darlington Drivers
L9222	Medium Current Low Saturation Transistor Array
BDX53 & BDX54 Series BDW93 & BDW94 Series SGS120 Series	Darlington in TO-220 Darlington in SOT-82
T4XX T6XX BTA06-600B up to BTA16-600B	4/6 A triacs Isolated Triacs
BTA25-600B up to BTA40-600B	25 to 40A Triacs High Surge Capability
L294 L295	SW. Mode Solenoid Driver
L6115	DMOS Switches

POWER FACTOR CONTROLLERS

Type	Function
L4981A L4981B	Power factor controller Power factor controller

ANALOG SIGNAL PROCESSING

Type	Function
TS27X TS37X TS393 TS339 TS55X TS3V902	CMOS Op-Amps CMOS Comparator CMOS Timers Dual Rail to Rail Op. Amp.

COPROCESSORS/PERIPHERAL DEVICES

Type	Function
IMSC011 IMSC012 IMSC004	Link adaptor Link adaptor Link switch

CENTRAL CONTROLLERS

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

Additional products: see next page



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RECOMMENDED PRODUCTS FROM SGS-THOMSON

SINGLE CHIP CONTROLLERS

Type	Function
ST621X	2K ROM HCMOS 8-bit MCU with A/D-Converter
ST622X	4K ROM HCMOS 8-bit MCU with A/D-Converter
ST624X	8K 8-bit MCU with LCD Driver
ST62E1X/HWD	2K EPROM
ST62E2X/HWD	4K EPROM
ST62T1X/HWD	2K OTP
ST62T2X/H WD	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
MK4501	512x9 FIFO - 65 - 200ns
MK4503	2Kx9 FIFO - 65 - 200ns
MK45H01	5129x9 FIFO - 25- 120ns
MK45H02	1Kx9 FIFO - 25 - 120ns
MK45H03	2Kx9 FIFO - 25- 120ns
MK45H04	4Kx9 FIFO - 25 - 120ns
MK45H08	8Kx9 FIFO - 25 - 120ns

Additional products: see next page

