

# PHOTOCOPIERS

## RECOMMENDED PRODUCTS FROM SGS-THOMSON

### POWER SUPPLY

Type	Package	Function
L78xx L79xx L78Mxx LM317 <a href="#">LM317MDT</a> LM323 LM337 LM338K <a href="#">LM350K</a> 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
<a href="#">L4940Vxx</a> <a href="#">L4941</a> 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 <sup>2</sup> 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	
<a href="#">L296</a> <a href="#">L4960</a> <a href="#">L4962</a> <a href="#">L4963</a> <a href="#">L4964</a> <a href="#">L4974A</a> <a href="#">L4972A</a> <a href="#">L4970A</a> <a href="#">L4975A</a> <a href="#">L4977A</a>	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
<a href="#">L4941</a> <a href="#">L4940V (Series)</a>	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	
<a href="#">BUF405A</a> <a href="#">BUF410A</a> SGSF463 SGSIF444 STH9N80/FI STH7NA80/FI STP6NA80/FI	Fastswitch Transistors  1200V in Isowatt 218  800V POWER MOS	
BYW51-200 BYW77-200 <a href="#">BYT13-1000</a> <a href="#">BYT11-600</a> STPS STPR	2x10A, 35ns Diode 25A, 50ns 3A, 1000 V 150ns 1A, 100ns Power Schottky Series FRED Diodes Series	
TYN TYP	Crowbar Protection	
<a href="#">SG3524</a> <a href="#">SG3525A</a> <a href="#">SG3527A</a> <a href="#">TEA5170</a> <a href="#">TEA2260</a> <a href="#">UC3842/3/4/5 A-B</a> <a href="#">TL77XXA</a>	SMPS Controller	
	Undervoltage Supervisor	



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### MOTOR DRIVER FOR - PAPER ENTRANCE - CARRIAGE

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

### SOLENOID AND ACTUATOR DRIVE

Type	Function
<a href="#">ULN2003A/D1</a> <a href="#">ULN2064B</a> <a href="#">ULN2068B</a> <a href="#">ULN2074B</a> <a href="#">L702B/N</a> <a href="#">L6221 AS</a>	High Current Darlington Drivers
<a href="#">L9222</a>	Medium Current Low Saturation Transistor Array
<a href="#">L6504</a>	Hammer Drive Controller
<a href="#">BDX53 &amp; BDX54 Series</a> <a href="#">BDW93 &amp; BDW94 Series</a> <a href="#">SGS120 Series</a>	Darlington in TO-220  Darlington in SOT-82
<a href="#">T4XX</a> <a href="#">T6XX</a> <a href="#">BTA06-600B</a> up to <a href="#">BTA16-600B</a>	4/6 A triacs  Isolated Triacs
<a href="#">BTA25-600B</a> up to <a href="#">BTA40-600B</a>	25 to 40A Triacs High Surge Capability
<a href="#">L294</a> <a href="#">L295</a>	SW. Mode Solenoid Driver
<a href="#">L6115</a>	DMOS Switches

### POWER FACTOR CONTROLLERS

Type	Function
<a href="#">L4981A</a> <a href="#">L4981B</a>	Power factor controller Power factor controller

### ANALOG SIGNAL PROCESSING

Type	Function
<a href="#">TS27X</a> <a href="#">TS37X</a> <a href="#">TS393</a> <a href="#">TS339</a> <a href="#">TS55X</a> <a href="#">TS3V902</a>	CMOS Op-Amps CMOS Comparator  CMOS Timers Dual Rail to Rail Op. Amp.

### COPROCESSORS/PERIPHERAL DEVICES

Type	Function
<a href="#">IMSC011</a> <a href="#">IMSC012</a> <a href="#">IMSC004</a>	Link adaptor Link adaptor Link switch

### CENTRAL CONTROLLERS

Type	Function
<a href="#">IMST225</a> <a href="#">IMST400</a>	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

