

# DATA LOGGERS

## RECOMMENDED PRODUCTS FROM SGS-THOMSON

### PRINT HEAD HAMMER DRIVE

Type	Function
<a href="#">ULN2003A</a> <a href="#">ULN2064B</a> <a href="#">ULN2068B</a> <a href="#">ULN2074B</a> <a href="#">L702N/A</a> <a href="#">L6221AS</a>	High Current Darlington Drivers
<a href="#">L9222</a>	Medium Current Low Saturation Transistor Array
<a href="#">L6504</a>	Controller
<a href="#">BDX53</a> BDX54 Series BDW93 & BDW94 Series TIP140T Series <a href="#">IRF530</a>	Darlington in TO-220  Power MOS
<a href="#">SGS120 Series</a>	Darlington in SOT-82
<a href="#">L294</a> <a href="#">L295</a>	Switching Mode Solenoid Drivers

### SEE MEMORY PRODUCTS SELECTOR FOR RECOMMENDED MEMORIES

DATA LOGGERS	
A	OTP Memory - 5V range
B	OTP Memory - 3.3V +/- 10% range
G	FLASH Memory - Dual supply 5V/12V
H	FLASH Memory - Dual supply 3.3V/12V
I	FLASH Memory - Dual supply 5V only
J	Serial EEPROM I <sup>2</sup> C Bus - 2 wire 100 KHz
K	Serial EEPROM I <sup>2</sup> C Bus - 2 wire 400 KHz
L	SPI bus - 2 Mhz
N	Dedicated EEPROM
O	Parallel EEPROM - 3V range
P	Parallel EEPROM - 5V range
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
U	Very fast SRAM - 5V range
V	Very fast SRAM - 3.3V range

### MOTOR DRIVER FOR - PAPER ENTRANCE - CARRIAGE - RIBBON

Type	Function
<a href="#">PBL3717A</a> <a href="#">L6201/2/3</a> <a href="#">L6204</a> <a href="#">L6219</a> <a href="#">L298</a> <a href="#">TEA3717</a> <a href="#">TEA3718</a> <a href="#">L6221AS</a>	Stepper Motor Drivers
<a href="#">GS-D200</a> <a href="#">GS-D200S</a> <a href="#">GS-D200M</a> <a href="#">GS-C200</a> <a href="#">GS-C200S</a>	Stepper motor driver modules and controllers
<a href="#">BDX53</a> BDX54 Series BDW93 & BDW94 Series TIP140T Series <a href="#">IRF530/FI</a> <a href="#">IRF540/FI</a>	Darlington in TO-220  Power MOS
<a href="#">SGS120 Series</a>	Darlington in SOT-82
<a href="#">L297</a> <a href="#">L290-1-2</a> <a href="#">L293DD</a> <a href="#">L298</a> <a href="#">L272</a>	Stepper Motor Controllers DC Motor Drivers

### INSTRUMENTATION BUS

<a href="#">MC1488</a> <a href="#">MC1489</a>	Receiver and Drivers
<a href="#">DA...</a> <a href="#">ESDA ...</a> <a href="#">ITA ...</a> <a href="#">TPN3021</a>	Diode array for high speed protection RS232/422 port protection Centronics protection RS485 crowbar protection

### DISPLAY-DRIVERS

LED-Drivers	
<a href="#">M5450</a> <a href="#">M5451</a> <a href="#">M5480</a> <a href="#">M5481</a> <a href="#">M5482</a>	34 Segments 35 Segments 23 Segments 14 Segments 15 Segments
Analog Signal Processing	
<a href="#">TS27XX</a>  <a href="#">TS37XX</a> <a href="#">TS393</a> <a href="#">TS339</a>	CMOS Op-Amp. CMOS Comparators
<a href="#">TS55X</a>	CMOS Timers
<a href="#">TS3V902</a> <a href="#">TS3V912</a> <a href="#">TS3V904</a> <a href="#">TS3V914</a>	Dual Rail to Rail Op. Amp. with Stand By Dual Rail to Rail Op. Amps. Quad Rail to Rail Op. Amp. with Stand By Quad Rail to Rail Op. Amps.

Additional products: see next page



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### POWER SUPPLY

Type	Description	Function	
L78xx	1.5A Series TO-220/Isowatt 220/TO-3	Conventional Regulators	
L79xx	1.5A Series TO-220/Isowatt 220/TO-3		
L78Mxx	0.5A Series TO-220/Isowatt 220/DPAK/SOT194/SOT82		
LM317	1.5 Adj TO-220/Isowatt 220/TO-3/SO8/TO92/TO39		
<a href="#">LM317MDT</a>	0.5A Adj DPAK		
<a href="#">LM323</a>	3A fixed TO-3/TO-220		
<a href="#">LM337</a>	1.5A Adj TO-220/TO-3/TO-39		
<a href="#">LM338K</a>	5A Adj TO-3		
<a href="#">LM350K</a>	3A Adj TO-3		
L78Sxx	2A Series TO-220/TO-3		
L78Lxx	100mA Series TO-92/SO-8		
<a href="#">LM723</a>	0.15A Adj DIP-14		
<a href="#">L4940Vxx</a>	1.5A Series TO-220		Low Drop Regulators
<a href="#">L4941</a>	1A fixed 5V TO-220		
<a href="#">LFxx</a>	0.5A Series TO-220/Pentawatt/DPAK/PPAK/SO-8		
<a href="#">LExxA/C</a>	100mA Series TO-92/SO-8		
<a href="#">LK115Dxx</a>	100mA Series SO-8		
<a href="#">LD1117xx</a>	800mA Series TO-220/DPAK/SOT/223		
<a href="#">L4931</a>	300mA Series SO-8		
<a href="#">TL431</a>	2.5V Shunt reference	Voltage Reference	
<a href="#">MC1403</a>	2.5V Serial reference		

### POWER SUPPLY (Cont'd)

Type	Function	
<a href="#">L296</a>	4A Switching Regulator	DC-DC Converter
<a href="#">L4960</a>	2.5A Switching Regulator	
<a href="#">L4962</a>	1.5A Switching Regulator	
<a href="#">L4964</a>	4A Switching Regulator	
<a href="#">L4963</a>	1.5A Switching Regulator	
<a href="#">L4974A</a>	3.5A Switching Regulator	
<a href="#">L4972A</a>	2A Switching Regulator	
GS-R400 Family GS-R400/2 Family <a href="#">GS-R51212</a> GS100T300 Family GS175T48 Family	Switching DC-DC converters & voltage regulators modules Single & multiple outputs	

### POWER SUPPLY (Cont'd)

Type	Function
<a href="#">AVS8/10/12</a>	Automatic Voltage Switch
<a href="#">SG3524</a> <a href="#">SG3525A</a> <a href="#">SG3527A</a> <a href="#">TEA2164</a> <a href="#">TEA5170</a> <a href="#">TEA2260</a> <a href="#">TEA2018A/19</a> <a href="#">UC3842/3/4/5A-B</a> <a href="#">L4990/A</a>	SMPS Controllers
<a href="#">BUF405A</a> <a href="#">BUF410A</a> <a href="#">SGSF443</a> <a href="#">SGSIF443</a> <a href="#">SGSF463</a> <a href="#">SGSIF463</a> <a href="#">STHV102</a>	1000 V ETD 1000 V Fast-switch/Isol. Pack 1000 V Power MOS
<a href="#">SGSIF444</a> <a href="#">BYT12PI-1000</a> <a href="#">STTA3006P</a> <a href="#">STTA6006TV1</a> <a href="#">BYW29-200</a> <a href="#">BYW51-200</a> STPS STPR	1200 V Isowatt 218 12 A 1000V, 50ns Diode 30A, 35ns 2x30A, 35ns 8A, 35ns Diode 2x10A, 35ns Power Schottky Diode FRED Diode
<a href="#">TL77XXA</a> TYN TYP	Undervoltage Supervisor Crowbar Protection

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### CENTRAL 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 MUC, SPI+SCI, A/D Converter
ST904X	16K ROM/EPROM, 8/16 bit MCU, SPI+SCI, EEPROM, A/D Converter
ST90R50	ROMLESS, 8/16 bit MCU, SPI+SCI, 3 Timers, A/D Converter

### PERIPHERAL

Type	Function
IMS C011	Link adaptor
IMS C012	Link adaptor

### PROTECTION

Type	Function
<a href="#">BZW04...</a>	400 W Transil
<a href="#">BZW06</a>	600 W Transil
<a href="#">BZW50</a>	5KW Transil
<a href="#">P6KE...</a>	600 W Transil
<a href="#">1.5KE...</a>	1500 W Transil
<a href="#">SM4T...</a>	400W SMD Transil
<a href="#">SM6T...</a>	600W SMD Transil
<a href="#">SM15T...</a>	1500W SMD Transil

### MEMORIES EPROMS

Type	Function
<a href="#">M2716</a>	16K NMOS UV EPROM
<a href="#">M2732A</a>	32K NMOS UV EPROM
<a href="#">M/ST2764</a>	64K NMOS EPROM UV/OTP
<a href="#">M/ST2764</a>	128K NMOS EPROM UV/OTP
<a href="#">M/ST27256</a>	256K NMOS EPROM UV/OTP
<a href="#">M27C64A</a>	
<a href="#">M87C257</a>	256 CMOS UV EPROM (LATCHED)
<a href="#">M27C512</a>	512K CMOS UV EPROM
<a href="#">M27512</a>	512K bit NMOS EPROM
<a href="#">M27C1024</a>	1 Meg X8 CMOS UV EPROM
<a href="#">M27C1001</a>	1 Meg X8 CMOS UV EPROM
<a href="#">M27C2001</a>	2 Meg X8 CMOS UV EPROM
<a href="#">M27C4001</a>	4 Meg X8 CMOS UV EPROM
<a href="#">M27C4002</a>	4 Meg X16 CMOS UV EPROM
<b>CMOS ZEROPOWER SRAMs</b>	
<a href="#">MK148Z12</a>	2Kx8 ZEROPOWER w/4.50V WP INDUSTRIAL
<a href="#">MK48Z08</a>	8Kx8 ZEROPOWER w/4.75V WP
<a href="#">MK48Z18</a>	8Kx8 ZEROPOWER w/4.50V WP
<a href="#">MK48Z09</a>	8Kx8 ZEROPOWER w/PF 1 & 4.50V WP
<a href="#">MK48Z19</a>	8Kx8 ZEROPOWER w/PF1 & 4.50V WP
<a href="#">MK48T08</a>	8Kx8 TIMEKEEPER
<b>CACHE TAGRAMs</b>	
<a href="#">MK48S80N25</a>	8Kx8 25ns PSDIP28
<a href="#">MK48S74X25</a>	8Kx8 25ns SOJ28
<a href="#">MK48S80X25</a>	8Kx8 25ns SOJ28

Additional products: see next page

