PROFESSIONAL/PERSONAL COMPUTERS

RECOMMENDED PRODUCTS FROM SGS-THOMSON

POWER SUPPLY

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

SEE MEMORY PRODUCTS SELECTOR FOR RECOMMENDED MEMORIES

PROFESSIONAL/PERSONAL COMPUTERS	
A	OTP Memory - 5V range
B	OTP Memory - 3.3V +/- 10% range
C	OTP Memory - 2.7V to 3.6V range
D	OTP Memory - ROM compatible
E	UV EPROM - 5V range
F	UV EPROM - ROM compatible
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 I2C Bus - 2 wire 100 KHz
K	Serial EEPROM I2C Bus - 2 wire 400 KHz
M	MICROWIRE bus - 1 Mhz
N	Dedicated EEPROM
O	Parallel EEPROM - 3V range
P	Parallel EEPROm - 5V range
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
Y	Memories with MCU

POWER SUPPLY (Cont'd)

Type	Function
TDA8134	
TDA8135	
TDA8136	
TDA8137	Dual Regulators
TDA8138	
TDA8139	
L4941	Very Low Drop V-REG
L4940V (Series)	
L296	DC-DC Converter
L4960	
L4962	
L4963D	
L4964	
SG3524	SMPS
SG3525	Controller
SG3527	
UC3842/3/4/5 A-B	
TEA5170	
TEA2260	
TL77XX	Undervoltage
Series	Supervisors
GS-R400 Family	
GS-R400/2 Family	Switching DC-DC converters
GS-R51212	& voltage regulators modules
GS100T300 Family	Single & multiple outputs
GS175T48 Family	
BUF405A	1000 V Transistors
BUF410A	1000 V Transistors
STHV102	1000 V Power MOS
BYW29-200	Diodes
BYW51-200	8/20A, 35ns
STPR	FRED Diodes
ESM765-800	10A, 800V, 300ns, Diode
TYN	Overvoltage
TYP	Protection
STPS	Power Schottky Diode
AVS8/10/12/20	Automatic Voltage Switch

PROFESSIONAL/PERSONAL COMPUTERS

RECOMMENDED PRODUCTS FROM SGS-THOMSON

CENTRAL CONTROLLERS

Type	Function
COPROCESSORS	
IMST225	16-bit Transputer
IMST400	32-bit Transputer (Low cost)
IMST425	32-bit Transputer
IMST805	32-bit Transputer + FPU
IMST9000 + Software	32-bit Transputer
PERIPHERALS AND SUPPORT DEVICES	
IMSC011	Link adaptor
IMSC012	Link adaptor
IMSC004	32 way Link switch

BATTERY & POWER MANAGEMENT

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

COMMUNICATION INTERFACE

Type	Function
MC1488	Receivers
MC1489	and Drivers
MC1489A	RS232
ITA25B3/B4	ESD Protection
ESDA6V1S3	
SMLVT3V3	5V Protections

PROTECTION

Type	Function
BZW04..	Transil 400 W
P6KE..	600 W
1.5 KE..	1500 W
SM4T..	400W SMD Transil
SM6T..	600W SMD Transil
SM15T...	1500W SMD Transil

MULTIMEDIA

Type	Function
STI3400	MPEG1 Video Decoder
STI4500	MPEG Audio Decoder
STI3430	MPEG1 Audio/Video Decoder
STI3500A	MPEG2 Video Decoder
STI3520A	MPEG2 Audio/Video Decoder
STV8438	Triple 8 bit D/A converter

Additional products: see next page

APPLICATION COMPASS