

TELEPHONE SET

RECOMMENDED PRODUCTS FROM SGS-THOMSON

SPEECH CIRCUITS

Type Number	Description
L3280AB LS256B	Very low voltage telephone speech circuit
LS285AB1	Telephone speech circuit with multifrequency interface
LS588N1	Programmable telephone speech circuit
LS656AB	Telephone speech circuit with multifrequency interface
TEA7052DP	Speech circuit for France with power management
TEA7063DP	Programmable speech circuit with power management and soft clipping

SMART/CARDS

Type	Function
ST24C04B1	EEPROM
ST93CS56B1	EEPROM

PABX/RADIO ON LOOP

Type	Function
L3037FN	Short Loop Slic

SEE MEMORY PRODUCTS SELECTOR FOR RECOMMENDED MEMORIES

TELEPHONE SET	
J	Serial EEPROM I ² C Bus - 2 wire 100 KHz
K	Serial EEPROM I ² C Bus - 2 wire 400 KHz
S	TIMEKEEPER - Battery backed SRAM with clock/calendar

PROTECTION

Type	Function
L3100B1	Monodirectional overvoltage/overcurrent protection circuits gate controlled
LS5120B LS5060B LS5018B	Bidirectional overvoltage protection circuits
TPA62/270 Series TPB62/270 Series	
SMTPA62/270 L3121B/1	Bidirection protection in SMD Bidirectional overvoltage/overcurrent protection
TS1xxxB5 LCP1511D THBTxxD THDTxx	Telecom transient suppressors Programmable overvoltage protection Triple transient voltage suppressor Dual overvoltage protection

TONE RINGERS/RING DETECTOR

Type Number	Description
ML8204/5 L3240B1	Electronic two-tones ringer Electronic two-tones ringer with complementary outputs
LS1240A LS1241	Electronic two-tones ringer Electronic two-tones ringer

SPEAKERPHONE CIRCUITS

Type Number	Description
TEA7530DP	Loudspeaker Amplifier with antilarson and ring detector
TEA7531DP	Monitor amplifier
TEA 7532DP	Monitor amplifier
TEA 7540DP	Hands-free circuit

DIALER CIRCUITS

Type Number	Description
EFG7189PD	DTMF generator for binary codec hexadecimal data
M3541B	Single number tone/pulse dialer
MK53761D	Ten-numbers repertory tone/pulse dialer
MK53762D	Ten-numbers repertory tone/pulse dialer

CENTRAL CONTROLLER

Type	Function
ST24C01	1Kbit, i2C Bus, PDIP8 + PS08
ST24C02A	2Kbit, i2C Bus, PDIP8 + PS08
ST24C04	4Kbit, i2C Bus, PDIP8 + PS08
ST24C08	8Kbit, i2C Bus, PDIP + PS0
ST93C06	256bit, Microwine, PDIP8 + PS08
ST93C46A	1Kbit, Microwine, PDIP9 + PS08
ST93CS46	1Kbit, Microwine, PDIP8 + PS08, write protect
ST93CS56	2Kbit, Microwine, PDIP8 + PS08 + PS014, write protect

FAST BATTERY CHARGE

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, AR Timer, EEPROM, A/D Converter
ST624X	4/8K ROM/EPROM, 8-bit MCU, EEPROM, LCD segments drive

Additional products: see next page

APPLICATION COMPASS



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HIGH PERFORMANCE AMPLIFIERS (HF)

Type	Function
LS204	Dual Amplifier
LS404	Quad Amplifier
TDA2320AN	Stereo Preamplifier
TS3V902	Dual Rail to Rail Op. Amp. with Stand By
TS3V912	Dual Rail to Rail Op. Amps.
TS3V904	Quad Rail to Rail Op. Amp. with Stand By
TS3V914	Quad Rail to Rail Op. Amps.
TS925	Quad Rail to Rail Op. Amp. with phantom ground

RELAY DRIVERS/ FAST SWITCHES

Type	Function
BSX29 2N2894 2N3209	PNP Transistors in TO-18
2N2219A 2N1613 2N1711 2N3019 2N5321 2N5320 2N3725	General Purpose Transistors in TO-39
2N2369 2N2369A BSX39 2N3725	General Purpose Transistors in TO-18
SO2222/A BCX19 BCW664/H SO2369/A SO2907/A	General Purpose Transistors in SOT-23

MEMORIES

Type	Function
CMOS ZEROPOWER SRAMs:	
MK48Z02	2Kx8 ZEROPOWER w/4.75V WP
MK48Z12	2Kx8 ZEROPOWER w/4.50V WP
MK48T02	2Kx8 TIMEKEEPER w/4.75V WP
MK48T12	2Kx8 TIMEKEEPER w/4.50V WP
MKI48Z02	2Kx8 ZEROPOWER w/4.75V WP INDUSTRIAL
MKI48Z12	2Kx8 ZEROPOWER w/4.50V WP INDUSTRIAL
MK48Z08	8Kx8 ZEROPOWER w/4.75V WP
MK48Z18	8Kx8 ZEROPOWER w/4.50V WP
MK48Z09	8Kx8 ZEROPOWER w/PF1 & 4.75V WP
MK48Z19	8Kx8 ZEROPOWER w/PF1 & 4.50V WP