

# TELEPHONE SET

## RECOMMENDED PRODUCTS FROM SGS-THOMSON

### SPEECH CIRCUITS

Type Number	Description
L3280AB <a href="#">LS256B</a>	Very low voltage telephone speech circuit Telephone speech circuit with multifrequency interface
LS285AB1	Telephone speech circuit
LS588N1	Programmable telephone speech circuit
<a href="#">LS656AB</a>	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
<a href="#">L3037FN</a>	Short Loop Slic

SEE MEMORY PRODUCTS SELECTOR FOR RECOMMENDED MEMORIES

TELEPHONE SET	
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
S	TIMEKEEPER - Battery backed SRAM with clock/calendar

### PROTECTION

Type	Function
<a href="#">L3100B1</a>	Monodirectional overvoltage/overcurrent protection circuits gate controlled
<a href="#">LS5120B</a> <a href="#">LS5060B</a> <a href="#">LS5018B</a>	Bidirectional overvoltage protection circuits
TPA62/270 Series TPB62/270 Series	
SMTPA62/270 L3121B/1	Bidirection protection in SMD Bidirectional overvoltage/overcurrent protection
TSIxxxB5 <a href="#">LCP1511D</a> THBTxxD THDTxx	Telecom transient suppressors Programmable overvoltage protection Triple transient voltage suppressor Dual overvoltage protection

### TONE RINGERS/RING DETECTOR

Type Number	Description
ML8204/5 <a href="#">L3240B1</a>	Electronic two-tones ringer Electronic two-tones ringer with complementary outputs
<a href="#">LS1240A</a> 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
<a href="#">EFG7189PD</a>	DTMF generator for binary codec hexadecimal data
M3541B	Single number tone/pulse dialer
<a href="#">MK53761D</a>	Ten-numbers repertory tone/pulse dialer
<a href="#">MK53762D</a>	Ten-numbers repertory tone/pulse dialer

### CENTRAL CONTROLLER

Type	Function
<a href="#">ST24C01</a>	1Kbit, i2C Bus, PDIP8 + PS08
<a href="#">ST24C02A</a>	2Kbit, i2C Bus, PDIP8 + PS08
<a href="#">ST24C04</a>	4Kbit, i2C Bus, PDIP8 + PS08
<a href="#">ST24C08</a>	8Kbit, i2C Bus, PDIP + PS0
<a href="#">ST93C06</a>	256bit, Microwine, PDIP8 + PS08
<a href="#">ST93C46A</a>	1Kbit, Microwine, PDIP9 + PS08
<a href="#">ST93CS46</a>	1Kbit, Microwine, PDIP8 + PS08, write protect
<a href="#">ST93CS56</a>	2Kbit, Microwine, PDIP8 + PS08 + PSO14, 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
<a href="#">LS204</a>	Dual Amplifier
<a href="#">LS404</a>	Quad Amplifier
TDA2320AN	Stereo Preamplifier
<a href="#">TS3V902</a>	Dual Rail to Rail Op. Amp. with Stand By
<a href="#">TS3V912</a>	Dual Rail to Rail Op. Amps.
<a href="#">TS3V904</a>	Quad Rail to Rail Op. Amp. with Stand By
<a href="#">TS3V914</a>	Quad Rail to Rail Op. Amps.
<a href="#">TS925</a>	Quad Rail to Rail Op. Amp. with phantom ground

### RELAY DRIVERS/ FAST SWITCHES

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

### MEMORIES

Type	Function
<b>CMOS ZEROPOWER SRAMs:</b>	
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