

# S100 EPROM BOARD PARTS LIST

REFERENCE DESIGNATOR	MANUFACTURER	PART NUMBER	SUPPLIER	STOCK NUMBER	DESCRIPTION
C1 - C32, C35 - C37		SR215C104KAA	JAMECO	544921	35 ea, 0.1 uF Ceramic Capacitor 0.2" lead spacing
C33		TM.33R	JAMECO	33525	1 ea, 0.33 uF Tantalum Electrolytic Capacitor, 0.1" lead spacing
C34		TM.1R	JAMECO	33488	1 ea, 0.1 uF Tantalum Electrolytic Capacitor, 0.1" lead spacing
D 1,3,4,8	LITE-ON	LTL307G	JAMECO	697531	4 ea, T 1 3/4 LED Green (min order 10)
D 2,7,9	LITE-ON	LTL307Y	JAMECO	697549	3 ea, T 1 3/4 LED Yellow (min order 10)
D 5,6	LITE-ON	LTL307E	JAMECO	697522	2 ea, T 1 3/4 LED Red (min order 10)
JP6,7,8,9 K2,9 P7,17,18		SIL-2	JAMECO	108338	9 EA, 2 Pin Single Inline male header
K1,3,4,5,7,8,10,11,12,15,16,17,18,19					
K20,21,22,23,24,25,26,27,28,29,30,31,32		SIL-3	JAMECO	109576	27 ea, 3 Pin Single Inline male header
P12,13		SIL-4	JAMECO	117560	2 ea, 4 Pin Single Inline male header
P1,2,3,4,5,6,19,20,21,23,24		SIL-8	JAMECO	153702	11 ea, 8 Pin Single Inline male header
P22		SIL-12	JAMECO	103377	1 Ea, 17 Pin Single Inline male header( Cut off 5 pins)
Note:All Single Inline Male Headers can be cut from larger headers for lower cost.				160882	6 ea, 40 Pin Headers to make smaller ones
2 pin Jumpers for headers		7600-B-R	JAMECO	22024	30 ea, Shorting block , open top
S1,2,3,4,5	GRAYHILL INC.	76SB08ST	JAMECO	696917	5 ea, Eight position DIP switch
IC Socket U4,100,101,121		6100-32-R	JAMECO	105381	4 ea, 32 Pin Machine tooled sockets .600 Wide
IC Socket U123		6100-28-R	JAMECO	40329	1 ea, 28 Pin Machine tooled sockets .600 Wide
IC Socket U1,2,11,13,14,15,16,18,19,25,124	AMP/TYCO ELECTRONICS	1-390261-3	JAMECO	683112	11 ea, 14 Pin socket .300 Wide
IC Socket U17	AMP/TYCO ELECTRONICS	1-390261-4	JAMECO	683121	1 ea, 16 Pin socket .300 Wide
IC Socket U3,8,10,20,21,22,23,24,125 IC1,2,3,4	AMP/TYCO ELECTRONICS	1-390261-6	JAMECO	683147	13 ea, 20 pin socket .300 Wide
RR1		L101S471LF	JAMECO	97869	1 ea, 470 Ohm 10 Pin SIP bussed (10 min order)
RR3	XICON	266-1.2K-RC	JAMECO	280816	1 ea, 1200 Ohm 10 Pin SIP bussed (10 min order)
R1		CF1/4W471JRC	JAMECO	690785	1 ea, 470 Ohm 1/4 watt 5 % (100 Min order)
If you don't want 100 resistors Radio Shack Item #217-1317 is 5 for \$1.19					470 Ohm Resistor
RAM	Alliance Memory	AS6C4008-55PCN	JAMECO	1927617	2 ea, 4M-Bit 512K x 8 55ns 32-Pin PDIP
RAM		628128LP-85	JAMECO	103982	2 ea, 128kx8,DIP-32,85ns
EEPROM		28C64A-25	JAMECO	74827	2 ea, EEPROM,28C64A-15/25,5V 8kx8,DIP-28,250ns
EPROM		2732A-25	JAMECO	40125	1 ea, EPROM,2732A-25,5V 4kx8,DIP-24,250ns
U2		74LS01	JAMECO	?????????	1 ea, Quad two input NAND Gate
U25		74LS02	JAMECO	46287	1 ea, Quad 2 input NOR Gate
U13,19		74LS08	JAMECO	46375	2 ea, Quad 2-Input AND Gates
U14		74LS10	JAMECO	46404	1 ea, Triple 3-Input NAND Gate
U17		74LS165	JAMECO	46877	1 ea, 8-Bit Parallel In/Serial Output Shift Registers
U15,16		74LS21	JAMECO	47108	2 ea, DUAL 4-INPUT POSITIVE-AND GATES
U3,10,		74LS240	JAMECO	47141	2 ea, Octal 3-STATE Buffer/Line Driver/Line Receiver

