

MK14 Expansion Board BOM

RefDes	Value	Description	Notes	Supplier Part No.	Quantity
C1-5	100n	Ceramic capacitor			5
C6	100uF/25V	Electrolytic capacitor			1
IC1	27128	8K x 8 bit EPROM			1
IC2	HM62256	32k x 8 bit SRAM			1
IC3	74LS139	Dual 1 of 4 decoder			1
IC4	74LS21	Dual 4-input AND gate			1
IC5	74AHCT1G08DBVR	Single 2-input AND gate			1
IC6	74LS138	1 of 8 decoder	Optional		1
J1	DIN41612 AB 64-way	Right angle plug			1
J2	64-way		Bus connections		
J3	8-way		IC6 decoded outputs		
J4	2x3 0.1"	Elevated socket	CPU control	Samtec ESQ-103-14-L-D	1
LK1	Link 0.1"		Page 0 link (normally made, cut to use MK14E mainboard resources)		
LK2	Link 0.1"		IC6 A7 link (normally made)		
LK3	Link 0.1"		IC6 A8 link (normally made)		
LK4	Link 0.1"		IC6 A9 link (normally made)		
LK5	Link 0.1"		IC6 Page 0 link (normally made)		
LK6	Link 0.1"		IC6 A10 link (normally made)		
LK7	Link 0.1"		IC6 A11 link (normally made)		
RP1	4K7 x 8	Resistor network		4609X-101	1
S1	4-way	SPDT DIL switch	EPROM/RAM Page	ERG SDC-4-014 RS 337-554	1
IC4	14-pin	DIL socket			1
IC3,6	16-pin	DIL socket			2
IC1,2	28-pin	DIL socket			2