

Eurocard Econet Bridge BOM

RefDes	Value	Description	Notes	Supplier Part No.	Quantity
C1	47uF/35V	Electrolytic (0.2")			1
C2-11	100nF	Ceramic capacitor (0.2")			10
C12,13,15	47uF/10V	Tantalum bead (0.2")			3
C14,16	2n2	Ceramic capacitor (0.2")			2
D1-4	SA12CA	Transient voltage suppressor			4
IC1	6502A	8-bit 2MHz CPU			1
IC2	74LS04	Hex inverter			1
IC3	74LS132	Quad 2-input Schmitt NAND gate			1
IC4	2764	8-bit x 8K EPROM			1
IC5	6264	8-bit x 2K SRAM			1
IC11	74LS139	Dual 2 to 4 line decoder			1
IC12,18	MC68B54	ADLC			2
IC13,19	74LS123	Dual monostable			2
IC14	AM26LS30	Dual differential/quad single ended line driver			1
IC15,17	74LS244	Octal 3-state buffer/line driver/line receiver			2
IC16	AM26LS34	Quad differential line receiver			1
LED1	Red	LED			1
LK1		Link0.1small			1
LK2		Link0.1small			1
PL1	Side A	64AB R/A Socket			1
R1	2K2	250mW resistor			1
R2,10	220K	250mW resistor			2
R3,4,5,6,11,12,13,14	12K	250mW resistor			8
R9,15	39K	250mW resistor			2
R16	4K7	250mW resistor		4609X-101	1
RP1,2	3K3	SIL resistor pack			2
SK1,2	5pin DIN socket				2
SW1	SPNO	Push switch		TPB11	1
SW2,3	SPNO x 8	DIL Switch	8-way DIL switch or pair of complementary hex-coded rotary switches	e.g. NIDEC S1030AW	2/4
X1	2MHz	Crystal oscillator module			1
IC2,3	14-pin	DIL socket			2
IC11,13,19,14,16	16-pin	DIL socket			5
IC15,17	20-pin	DIL socket			2
IC4,5,12,18	28-pin	DIL socket			4
IC1	40-pin	DIL socket			1