

Econet Bridge BOM

RefDes	Value	Description	Notes	Supplier Part No.	Quantity
A1,19	33nF	Ceramic capacitor (0.2")			19
C1,2,5	47uF/10V	Tantalum bead (0.2")			3
C3,6	2n2	Ceramic capacitor (0.2")			2
C4	10nF	Ceramic capacitor (0.2")			1
C7	33p	Ceramic capacitor (0.2")			1
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
IC5-8	6116/6264	8-bit x 2K SRAM	either fit 4 x 6116 or fit 6264 for IC5 and do not fit IC6,7,8		4
IC9,11	74LS139	Dual 2 to 4 line decoder			2
IC10	74LS393	Dual 4-bit binary counter			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	Link 0.1	not fitted	Reset bypass		1
LK2,3,20	Link 0.1 x 3	wire link	2K/8K RAM select		3
LK4-11,12-19	Link0.1 x 8x2	with push on links	NET ID's		2
PL1,2	0.110 x 0.020	Faston Tab	Power connection	TE Connectivity 61134-3 (Mouser)	2
R1	2K2	250mW resistor			1
R2,10	220K	250mW resistor			2
R3,4,5,6,11,12,13,14	12K	250mW resistor			8
R7,8	390R	250mW resistor			2
R9,15	39K	250mW resistor			2
R16	4K7	250mW resistor			1
RP1,2	3K3 x 8	SIL resistor pack		Bourns 4609X-101-332LF	2
SK1,2	5pin DIN socket				2
SW1	SPNO	Push switch		TPB11	1
X1	8MHz	Crystal			1
IC2,3,10	14-pin	DIL socket			3
IC9,11,13,14,16,19	16-pin	DIL socket			6
IC15,17	20-pin	DIL socket			2
IC4,5,6,7,8,12,18	28-pin	DIL socket			7
IC1	40-pin	DIL socket			1