

Econet Node Board

RefDes	Value	Description	Notes	Supplier Part No.	Quantity
C1	10nF	Ceramic capacitor			1
C2	2n2	Ceramic capacitor			1
C3,7	10uF	Electrolytic capacitor			2
C4-10	47n	Ceramic capacitor			7
IC1	75159	Dual differential line driver with 3-state outputs			1
IC2,4	LM319	High speed dual comparator			2
IC3	74LS14	Hex schmitt inverter			1
IC5	74LS123	Dual monstable multivibrator			1
IC6	MC68B54	Advanced Data Link Controller			1
IC7	81LS95	Octal buffer			1
IC8,9	74LS138	3 to 8 line decoder			2
IC10	74LS132	Quad 2-input NAND schmitt			1
LK0-7	0.1"	2-pin header	Network Address		9
LK8	0.1"	2-pin header	VMA		1
PL1	DIN41612AB 64-way	Right angle plug			1
R1,14,15	1M5	250mW resistor			3
R2,3,4,5	100K 2%	250mW resistor			4
R6,9,12,13	56K 2%	250mW resistor			4
R7,8,10,11	10K 2%	250mW resistor			4
R16,17,18,21	1K0	250mW resistor			4
R19	39K	250mW resistor			1
R20	1K5	250mW resistor			1
R22-29	47K	250mW resistor			8
SK1	5-pin 180deg	DIN socket		RS 167-4028	1
IC1,2,3,4,10	14 pin	DIL socket			5
IC5,8,9	16 pin	DIL socket			3
IC7	20 pin	DIL socket			1
IC6	28 pin	DIL socket			1

Offboard Parts

	5HP 3U	Front panel with handle and fittings		Verotec 957-235349	1
		Panel brackets	or print your own	Verotec 173-12525	2
	M2.5 x 10mm	Pan head screws			4
	M2.5	Nuts			4