

Giling Computer Applications

GCA500 LocoNet 16 bits I/O With D-connectors and 1 x RJ12

Qty	Ref	Description
6	R1, R4, R8, R10, R11, R12	Resistor 10 Kohm 0.125 Watt
1	R2	Resistor 220 KOhm 0.125 Watt
1	R3	Resistor 22 Kohm 0.125 Watt
1	R5	Resistor 47 KOhm 0.125 Watt
1	R6	Resistor 150 KOHM
1	R7	Ristor 4.7 KOhm 0.125 Watt
1	R14	Resistor 33 Ohm 0.125 Watt
2	RP1,RP2	Resistor array 8 x 10K SIL9 !!!! remind Mark in correct postion !!!!
2	C2,C6	Cond 100 nF (104)
2	C3,C4	Cond 15 pF (15j)
1	C5	Elco 10 uF minimal 16V radial
1	C7	Elco 100 uF minimal 16V radial
1	Led1	Led 3mm green high intensity
1	Led2	Led 3mm red high intensity
4	D1..D4	Diode 1N5818
1	T1	BC337-40
1	VR1	not installed
1	VR2	UA 7805 TO-220
1	U1	PIC 16F873(a)
1	U1	Socket DIL28s
1	U3	LM311
1	U3	Socket DIL8
1	X1	Crystal 20MHz
1	LN1	MEBP6-6s
1	LN2	not installed
1	LN3	not installed
1	J3	D-Sub ST 09EU (male)
1	J4	D-Sub BU 09EU (female)
2	J5,6	PSS254/10G
2		PSK254/10W
20		PINS PSK
1	J7	PSS 254/5G
1	JP1	jumper cpl
1	Screw + nuts	M3 !!!! use extra nut between chip and board !!!!
1		Dconnector female
1		Dconnector male
1		RJ12 cable > 0.5 meter