

## Giling Computer Applications

### GCA50 LocoNet 16 bits I/O

Qty	Ref	Description
2	R1,R8	1K
1	R2	220K
1	R3	22K
4	R4,R10..R12	10K
1	R5	47K
1	R6	150K
1	R7	4K7
2	RP1,RP2	array 8x10K SIL9
1	C2	Cond 100 nF pitch 2.5 mm
2	C3,C4	Cond 15 OR 22 pF
1	C5	Elco 10 uF 16V radial
1	C6	100nF SMD premounted on pcb
1	C7	Elco 100 uF 16V radial
1	Led1	Led 3mm Green
1	Led2	LED B-3 RT
5	D1..D5	Diode 1N4002
1	T1	BC337-40
1	VR1	UA 7805 TO-220
1	U1	PIC 16F873(a)
1	U1	Socket DIL28s
1	U3	LM311
1	U3	Socket DIL8
1	X1	Crystal 20MHz
6	J1	6 x AKL 012-03
1	J3	D-Sub ST 09EU
1	J4	D-Sub BU 09EU
2	J5,6	PSS254/10G
2		PSK254/10W
20		PINS PSK
1	J7	PSS 254/5G
1	JP1	jumper cpl
4	screw	M4 x 10
1	support	M4x10
1	Screw + nuts	M3 (use extra nut between chip and board !)
1		Dconnector female
1		Dconnector male