

Giling Computer Applications

CAN-GCbus RFID concentrator
CAN-GC4
Bill Of Materials

Revised: nov 17, 2021
Revision: v11
Revision by : Peter Giling

Qty	Ref	Part
1	R1	120 Ohm
1	R2	100 Ohm
1	R3	47 KOhm
1	R4	330 Ohm
2	R5,R7	3,3 KOhm
1	R6	10 KOhm
2	RP1,RP2	8 x 10 KOhm SIL9
1	C1	ELCO 100 uF minimum 16V radial
2	C2,C5	ELCO 1000 uF minimum 16V radial
2	C3,C4	100 nF
1	D1	DIODE 1N4003
1	D2	Scottky diode 1N5818
1	VR1	LM2575t-5
1	U1	PIC18F2480/2580 with socket 28 Pins DIL
1	U2	MCP2561 with socket 8 pin DIL
1	L1	LED 3mm-red
1	L2	LED 3mm red high luminance
1	L3	LED 3mm blue high luminance
1	Res1	RESONATOR 8MHz
1	I1	Inductor 77A 330u
1	ICSP1	Not used
1	JP1	2 pin with jumper
1	PB1	push button
8	Rf1..Rf8	PSS254/3G
1	J4	PSS 254/10G
1	J1	D-SUB BU 09EU
1	J2	D-SUB ST 09EU
1	J3	Not installed, only for MERG connection
4	Spacer	M4
4	screw	M4
1	screw	M3x10 to fix regulator > use 1 nut between board and chip
2	nut	M3
1	connector	SUB-d 9 female with housing
1	connector	SUB-d 9 male with housing
1	pc-board	CAN-GC4