

Giling Computer Applications

CAN-GC2

CBUS universal I/O node

Revised : May 18, 2016

Revision : V2

Bill Of Materials

Qty Reference Part

1	R1	120 Ohm	
1	R2	100 Kohm	
1	R3	47 KOhm	
3	R4,R5,R6	10 KOhm	
3	R7,R8,R9	470 Ohm	
2	RP1,RP2	8 x 10 KOhm SIL9	
1	C1	ELCO 100 uF 16V radial	
1	C2	ELCO 10uF 16V radial	
2	C3,C4	Capacitor 100 nF 2,5 mm pitch	
2	D1,D2	DIODE 1N4002	
1	L1	LED B-3 RT	
1	L2	LED 3mm red	
1	L3	LED 3mm green	
2	T1,T2	Transistor BC547b	
1	VR1	7805	
1	U1	PIC18F2480 with socket dil28s	
1	U2	MCP2551 with socket dil8	
1	JP1	2 pin with jumper	
1	Res1	RESONATOR 4MHz	C ST 4,00
1	ICSP1	PSK 254/6G or 2 x PSK254/3G	PSK254/3G
1	J1	D-SUB 9-pole female	D-SUB BU 09EU
1	J2	D-Sub 9-pole male	D-SUB ST 09EU
2	J3,J4	Header 10 pole	PSS 254/10G
2		Connector 10 pole	PSK 254/10W
20		Pins	PSK Pin
1	PB1	Pushbutton	Taster 3301B
4	spacer	M4 x 10	
4	screw	M4 x 8	
1	screw	M3 x 8	
2	nut	M3 ***** <i>Use extra nut between VR1 and PC-Board</i>	
1	Pcboard	CAN-GC2	
1	connector	Dsub9 male with housing	
1	connector	Dsub9 female with housing	