

CAN-GC2

CBUS universal I/O node

Revised : Apr 03, 2013

Revision : V11

Bill Of Materials

Qty	Reference	Part	Reichelt order#

1	R1	120 Ohm	
1	R2	100 Kohm	
1	R3	47 KOhm	
2	R4,R5	3.3 KOhm	
1	R6	10 KOhm	
1	R7	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	D1,D2	DIODE 1N4002	
1	L1	LED B-3 RT	LED B-3 RT
1	L2	LED 3mm low current	
1	L3	LED 3mm yellow	
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 ***** <u>Use extra nut between VR1 and PC-Board</u>	
1	Pcboard	CAN-GC2	
1	connector	Dsub9 male with housing	
1	connector	Dsub9 female with housing	