

Giling Computer Applications

CANcmd DCC central unit

CAN-GC3

Revision by Peter Giling

Nov 14, 2011

Bill Of Materials

<i>Qty</i>	<i>Reference</i>	<i>Part</i>
1	R1	1 KOhm
2	R2,R11	1 Ohm
4	R3,R4,R6,R7	470 Ohm
1	R8	22 KOhm
1	R9	100 KOhm
1	R10	120 Ohm
2	D1,D2	Diode 1N4003
2	C1,C12	ELCO 100 uF 16V radial
1	C2	ELCO 10 uF 16V radial
6	C3..C6,C10,C11	100 nF
2	C7,C8	15 nF MKT
1	C9	220 nF MKT
3	LED1,2,3	LED B-3GN (Reichelt)
1	LED2	LED B-3RT (Reichelt)
1	VR1	LM7805
1	U2	PIC18F2480 with socket Dil28s
1	U3	L6202 with socket Dil18
1	U4	MIC4426 with socket Dil08
1	U1	MCP2551 with socket Dil08
1	AWD1	PSS254/02G (Reichelt)
1	RES1	RESONATOR 8 MHz
1	ICSP1	Pss254/3G + Pss254/2G (Reichelt)
1	J1	D-SUB BU 09EU (Reichelt)
1	J2	D-SUB ST 09EU (Reichelt)
1	J3	MEBP 4-4s (Reichelt)
1	J4	MEBP 6-6s (Reichelt)
1	J5	AKL220-02 + AKL 249-02 (Reichelt)
1	JP1	2 pin header + jumper
4	Distance holders	M4 x 12 mm
4	Screws	M4 x 12
1	Connector DB 9	Male
1	Connector DB 9	Female
1	Pcboard	CAN-GC3
1	Bolt + 2 nuts 3mm	
1	Switch	Farnell 9473297