

## Giling Computer Applications

**CBUS<>LocoNet bridge**  
**CAN-GCLN**  
**Bill Of Materials**

**Revised** : **Aug 22, 2012**  
**Revision** : **1.3**  
**Revisor** : **Peter Giling**

<b>Qty</b>	<b>Reference</b>	<b>Part</b>
1	R1	120 Ohm
1	R2	100 KOhm
6	R3,R4,R5,R6,R7,R8	470 Ohm
1	R9	220 KOhm
1	R10	10 KOhm
1	R11	22 KOhm
1	R12	150 KOhm
1	R13	47 KOhm
1	R14	2,2 KOhm
1	R15	22 KOhm
1	R16	10 Kohm
1	R17	82 Ohm 1% metalfilm
1	R18	1 Kohm
1	R19	1 Kohm
1	C1	ELCO 100 uF 25V rad
1	C2	ELCO 10 uF 16V rad
3	C3,C4,C5	100 nF
2	Led1,Led3	LED B-3 RT
2	Led2,Led 4	LED B-3 GN
1	Led5	Led 3mm green
1	Led6	Led 3mm yellow
3	D1,D2,D3	DIODE 1N400x
1	T1	BC337/40
1	T2	BC557b
1	VR1	uA 7805
1	VR2	LM337LZ
1	U1	PIC18F2585 in Socket DIL28s
1	U2	MCP2551 in Socket DIL8
1	U3	LM311 in Socket DIL8
2	JP1,JP3	2 pin with jumper
1	JP2	3 pin with jumper
1	ICSP1	2 x PSS 254/3G (Reichelt)
1	PB1	BUTTON (Reichelt 3301B)
1	Res1	RESONATOR 8 MHz
2	J1,J5	D-SUB BU 09EU
2	J2,J4	D-SUB ST 09EU
1	J3	Reichelt AKL230-04 + AKL249-04
2	J6,J7	MEBP 6-6S
4	Support M4	
4	Screws M4x8	
1	Pcboard CAN-GCLN	
1	D-Sub BU 09 with housing	
1	D-Sub ST 09 with housing	