Ethernet to MERG-CBUS interface   **Revised**   **: March 23, 2012**
CAN-GC1E   **Revision**   **: 1.1**
Bill Of Materials   **Revisor**   **: Peter Giling**
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Qty	Reference	Part
1	R1	3,3 KOhm
1	R2	120 Ohm
3	R3,R4,R5	220 Ohm
2	R6,R7	47 KOhm
1	R8	100 KOhm
2	R9,R19	10 KOhm
1	R10	2,32 KOhm 1% metalfim
2	R11,R17	270E
4	R12,R14,R15,R16	49,9 Ohm
1	R18	2,2 KOhm 1% metalfilm
2	C1,Ce1	ELCO RAD 4.700/35
1	C2	RAD 100/35
1	C3	RAD 1.000/16
2	C4,C5	Elco 10u 16V rad
5	C6,C7,C8,C16,C17	100 nF
1	C9	220 nF
1	C13	ELCO 10 uF
2	C14,C15	15 pF
1	D1	1N5822 / SB340
1	LED1	LED Yellow
1	LED2	LED Green
3	LED3,LED4,LED5	LED B-3 GN
1	U1	PIC18F2480
1	U2	ENC28J60
1	U3	MCP2551
1	VR1	LM2576-12
1	VR2	7805
1	VR3	LF33CV
1	JP1	JUMPER
1	ICSP1	6 pin header
1	J1	AKL220/02 + AKL249/02
2	J2,J3	D-SUB BU 09EU
1	J4	Magjack ethernet connector
1	J5	Reichelt AKL230-04 + AKL249-04
1	Pot1	Trimmer 1 Kohm
1	PB1	BUTTON
1	L1	INDUCTOR FED100
1	L2	Coil 6 windings on ferrite core
1	X1	CRYSTAL 25 MHz
1	RES1	Resonator 8 MHz
1	F1	PFRA 185 1,8Amp autofuse
1	GR1	KBU6B