

Ethernet to MERG-CBUS interface
CAN-GC1E
Bill Of Materials

Revised : March 30, 2012
Revision : 1.2
Revisor : Peter Giling

Qty	Reference	Part
1	R1	470 Ohm
2	R2,R7	120 Ohm
3	R3,R4,R5	220 Ohm
1	R6	47 KOhm
1	R8	100 KOhm
2	R9,R19	10 KOhm
1	R10	2.32 KOhm 1% metalfilm
4	R12,R14,R15,R16	49,9 Ohm 1% metalfilm
2	R17,R11	270E Ohm
1	R18	2,2 KOhm 1% metalfilm
1	R20	10 Kohm
2	C1,Ce1	ELCO RAD 4.700/35
1	C2	RAD 100/35
1	C3	RAD 1.000/25V
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	C18	RAD 1.000/16
1	LED1	LED Yellow
1	LED2	LED Green
3	LED5,LED3,LED4	LED B-3 GN
1	D1	1N5822 / SB340
1	D2	1N5818
1	GR1	KBU6B
1	VR2	LM2575-5
1	VR1	LM2576-12
1	VR3	LF33CV
1	U1	PIC18F2585
1	U2	ENC28J60
1	U3	MCP2551
1	RES1	8 MHz
2	JP1,JP2	JUMPER
1	ICSP1	PSS254/6G
1	J1	AKL220/02 + AKL249/02
2	J2,J3	D-SUB BU 09EU
1	J4	Magjack
1	J5	Reichelt AKL230-04 + AKL249094
1	PB1	BUTTON
1	L1	INDUCTOR
2	L2,L3	09P 330u (Reichelt)
1	X1	CRYSTAL 25 MHz
1	Pot1	Trimmer 1 Kohm
1	F1	PFRA 300
4	Spacers	M4
4	Screws	M4x8

Optional:

1	Cooling	VPR127 (Reichelt)
3	Clips	MC725