



## Giling Computer Applications

### GCA\_PI07 V1.2

Current detector interface                      Revised:              May 13, 2014  
Revision by:              Peter Giling

#### Bill Of Materials

Qty	Ref	Part
4	R1,R2,R7,R8	resistor 2,2 KOhm
2	R3,R5	resistor 10 Kohm
2	R4,R6	resistor 470 Ohm
2	Rp1,Rp2	resistor array 4 x 10 Kohm
8	C1..C8	ELCO 0,47 uF 63V rad
2	C9,C10	Elco 10 uF 16V rad
3	C11,C12,C13	capacitor 100 nF 2,5 mm pitch
2	Le1,Le2	LED 3MM
8	D1..D8	DIODE BAT85
8	ZD1..Zd8	DIODE ZENER 5V1
2	T1, T2	BC547b
1	VR1	TS 2950 CT33 TO92
2	IC1,IC2	PCF8591 DIL-16 with IC socket DIL-16
1	IC3	P82B715 DIL-08 with IC socket DIL-08
8	L1..L8	Current transformer Murata 56100c
2	J1,J3	RJ12 or RJ45 socket
1	J2	3 x AKL012-03
1	SW1	Dip switch 2 positions
2	Jp1,Jp2	3 pin header with jumper
1	pcb	Pc-board GCA_PI07
4	Support + fastener	M4
1		Cable RJ12 0,5 mtr