

**Reverse loop switch  
GCA102  
Bill Of Materials**

**Revised : March 1, 2012  
By : Peter Giling**

<b>Qty</b>	<b>Ref</b>	<b>Part</b>
6	R1..6	33 Ohm
2	R7,R8	10 KOhm
2	R9,R10	390 Ohm
1	C1	Capacitor 100 nF
1	Led1	LED red
1	Led2	LED green
6	D1..6	DIODE 1N4148
1	U1	LTV844 or 2 x LTV824
1	U2	PIC12F675
1	U3	LTV824
1	K1	Relay HONGFA HFD2/005-S-L2-D Or Takamisawa RALD5W-K Or equivalent
1	J1	3 x AKL012/3
1	J2	PSS254/10G
2	F1,F2	MFR 0,5A
6	GR1..6	B80C1500rund
2	sockets	Dil-8
1	socket	Dil-16
4	print support	M4
4	screw	M4
1	connector	PSK254/10G
10	PSK pins	
1	PC-Board	GCA102