

CA215

Revised:

30-11-21

Revision:

V1.1

Revisor

Peter Giling

f Materials

Qty	Ref	Part
	R1	1 Kohm 1/8 Watt
	R2	1 Kohm 1/8 Watt
	R3	10 Kohm 1/8 Watt
	R4	10 Kohm 1/8 Watt
	R5	1 Kohm 1/8 Watt
	R6	47 Kohm 1/8 Watt
	R7	270 Ohm 1/8 Watt
	R8	47 Kohm 1/8 Watt
	R9	22 Kohm 1/8 Watt
	R10	10 Kohm 1/8 Watt
	R11	22 Kohm 1/8 Watt
	R12	10 Kohm 1/8 Watt
	R13	10 Kohm 1/8 Watt
	R14	10 Kohm 1/8 Watt
	R15	10 Kohm 1/8 Watt
	R16	10 Kohm 1/8 Watt
	R17	1 Kohm 1/8 Watt
	R18	10 Kohm 1/8 Watt
	R19	3.3 Kohm 1/8 Watt
3	C1, C3, C4	capacitor 100 nF 2.5 mm pitch
1	C2	Elco 220 uF 16V radial
1	D1	DIODE 1N4003
4	D2..D5	DIODE 1N4148
1	Le1	LED 3mm green
1	Le2	LED 3mm red
1	Le3	LED 3mm blue
1	T1	Transistor BS170
1	VR1	7805 (TO220)
1	U1	ATTINY84A with socket
1	U2	PIC12F629 with socket
1	Opto1	6N137 with socket
1	Opto2	LTV824 with socket
1	K1	relay Hongfa HFD2/005-S-D
1	F1	Multifuse 0,5 A
1	GR1	B80C1500
1	J1	AKL086/02
2	PC1, TP1	AKL086/03
3	PB1,PB2,PB3	pushbutton
1	SW1	quadruple dip switch
4	SE1,JP1,JP2, JP3	3 pin header
4		pcb support DA4
4		fastener M4 x 8
1		fastener M3 x 8
2		nuts M3
3		jumper