

## GCA198

Stepmotor speed controller

GCA198

Revision :

PHG

Bill Of Materials

Revision date

21-08-16

Qty	Reference	Part
1	R1	resistor 470 Ohm
1	RP1	Resistor Network star 4 x 10 Kohm
2	P1 , P2	Adjust trimmer 10 KOhm
1	C1	Elco 1000 uF minimum 25V radial
2	C2,C3	ELCO 100 uF minimum 25V radial
3	C4..6	Capacitor 100nF 2.5 mm pitch
1	D1	DIODE 1N4148
1	Le1	LED 3mm
1	VR1	LM 7805 TO220
1	VR2	78L05 TO92
1	IC1	PIC16F688 with socket DIL-14
1	IC2	ULN 2003 with socket DIL-16
1	GR1	BRIDGE B80C1500
1	F1	FUSE PFRA 0,9 Amp
1	JP1	3=pin header with jumper
2	Step1 , ICSP1	PSS 254-5G
1	J1	AKL012-02
1	SW1	double Dip switch
1	pcb	pcboard GCA198