

Driver for 4 Servo's with feed-back
GCA136
Bill Of Materials

Mar 14, 2020
Revision: 1.1

Qty	Ref	Part	Supplier/ordernr
1	Rp1	Array 4 x 3,3 Kohm Sil 5 !!! Attention to mark position !!!	
3	Rp2..Rp4	Array 4 x 470 Ohm SIL5 !!! Attention to mark position !!!	
1	RP5	Array 4 x 1 Kohm SIL5 !!! Attention to mark position !!!	
1	C1	ELCO 1000 uF 35V	
3	C2,C3,C6	ELCO 10 uF 16V	
2	C4,C5	ceramic capacitor 100 nF 2.5mm pitch	
2	D1,D2	DIODE 1N5818	
1	Le1	LED 3mm red	
1	Le2	LED 3mm green	
2	VR1,VR2	7805 TO220 !!! use nut between Vrx and pc-Board !!!!!!!!!	
2	U1,U3	LTV847 or equivalent with socket DIL16	
1	U2	16F648a with socket DIL-18	
1	F1	MULTIFUSE PFRA 050	
1	GR1	Bridge 1,5A	
4	J1,J2,J3,J4	PSS 254/3G 3 pin header	
1	J5	2 screw terminal	
1	J6	PSS 254/10G 10 pin header	
1	J7	PSS 254/5G 5 pin header	
1	SB1	3 pins female header	
4	mounting screws M4 x 6		
4	spacers	M4 x 10	
2	mounting screw	M3 x 10	
4	nuts	M3 * Use extra nut between pcboard and 7805 !!!!!	
1	PCB	GCA136	

Resistors

1	R1	Resistor 470 Ohm
1	R2	Resistor 470 Ohm
1	R3	Resistor 270 Ohm
1	R4	Resistor 270 Ohm
1	R5	Resistor 270 Ohm
1	R6	Resistor 270 Ohm