

GCA_PI04

Giling Computer Applications

Throttle for GCA-Raspberry Pi

Revised: dec 13, 2013

Revision: 1.6

Bill Of Materials

Ref	Ref	Part	
1	R1	Resistor 2.2 Kohm	
1	R2	Resistor 2.2 Kohm	
1	R3	Resistor 3,3 Kohm	
1	R4	Resistor 3,3 Kohm	
1	R5	Resistor 680 Ohm	
1	R6	Resistor 680 Ohm	
1	R7	Resistor 680 Ohm	
1	R8	Resistor 680 Ohm	
1	R9	Resistor 10 Kohm	
1	R10	Resistor 2,2 Kohm	
1	R11	Resistor 10 Kohm	
1	R12	Resistor 5,6 Kohm	
1	R14	Resistor 5,6 Kohm	
1	RP1	ARRAY 5 x 10 KOhm SIL6	
1	C1	Elco 10 uF 16V tantalium	
1	C2	Capacitor 100 nF 2,5mm pitch	
1	C3	Capacitor 100 nF 2,5mm pitch	
1	C4	Capacitor 100 nF 2,5mm pitch	
2	C5, C7	Elco 1 uF 16V tantalium	
1	C6	Elco 10 uF 16V tantalium	
3	Led1... Led3	Led 3mm yellow	
1	Led4	Led 3mm green	
1	TR1	transistor BC547b	
1	IC1	PB82B715 Dil08 with socket	
1	IC2	PCF8574a Dil16 with socket	
1	IC3	PCF8591 Dil16 with socket	
2	IC4, IC5	3,3V power TS 2950 CT33	
6	S1...S6	Button Reichelt 3301b	
1	RS1	Tumble switch Reichelt MS 500c	
1	P1	Potmeter Reichelt PO6M-LIN 4,7K	
1	J1	Socket RJ12 Farnell 1536490	
1	Housing	Reichelt SP 2090	
1	Knob	Reichelt knopf 20-6 ALS	
4	Fasteners	Parker 3.2 x 5	
1	cable	RJ12	

