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Giling Computer Applications

For 8x GCA190-a

Qty	Reference	Part
8	R1	Resistor 470 Ohm 1/8 Watt Carbon
8	R2	Resistor 220 Kohm 1/8 Watt
8	T1	transistor BS170
8	OPTO1	Opto coupler TCRT5000

For 1 x GCA190-b

Qty	Reference	Part
1	RP1	8 x 1KOhm SIL9
1	IO1	PSS2254-10G
8	S1..S8	PSS254-3G
8	D1..D8	LED 3mm
1		PSK254-10W
8		PSK254-3W
34		PSK pins
2		pcb support M4 x 10
2		Fasteners M4 x 8