

Bill Of Materials for master_slave_sw_SCH

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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Sub-totals:

9 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	C1	1n	Capacitor SMD1206
2	C2,C4	10u	Capacitor SMD1206
4	C3,C5-C6,C9	1u	Capacitor SMD1206
1	C7	100u	Electrolytic capacitor SMD 16V
1	C8	47u	Electrolytic capacitor SMD 16V

Sub-totals:

6 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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2	R1,R4	47K	Resistor SMD1206
2	R2-R3	1K	Resistor SMD1206
2	R5-R6	510	Resistor SMD1206

Sub-totals:

3 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	U1	ACS712ELCTR-05B-T	Hall-Effect-Based Linear Current Sensor 5A
1	U2	LM393	Comparator
1	U3	IRM05	AC to DC 5v 5w Step Down mini Power Supply Module Converter

Sub-totals:

1 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	Q1	IRFL4105	N-CHANNEL MOSFET 3A SOT-223
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Sub-totals:

12 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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3	D1-D3	TS4148	Diode SMD1206
1	D4	LED-GREEN	Led 5mm 2mA
1	D5	LED-RED	Led 5mm 2mA
1	F1	10A	Fuse 20mm
4	J1-J4	TBLOCK-M3	230V 16A SOCKET
1	RL1	5V	RELAY RP440005
1	RV1	33K	TRIMMER

Sub-totals: