

Bill Of Materials for SOLDER_SIMPLE_7SEG_SCH

0 Modules

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

2 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
2	C1-C2	0.47u	Capacitor SMD1206

Sub-totals:

21 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
3	R1-R3	1K	RESISTOR SMD1206
3	R4-R6	330	RESISTOR SMD1206
1	R7	2K2	RESISTOR SMD2512
2	R8-R9	51K	RESISTOR SMD2512
10	R10-R17,R20-R21	820	RESISTOR SMD1206
2	R18-R19	100	RESISTOR SMD1206

Sub-totals:

3 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
1	U3	40106	CMOS Hex Schmitt Triggers SO14
1	U4	PC817	PC817X2NIP1B
1	U5	MOC3053	6-Pin DIP Random-Phase Triac Driver Optocouple

Sub-totals:

2 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
2	Q1-Q2	BSS138	N-Channel Logic Level Enhancement Mode Field Effect Transistor SOT23

Sub-totals:

7 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
1	ARD1	ARDUINO NANO R3	
2	D1-D2	LED-RED	LED 5MM 2MA
1	EN1	Optical Encoder	ENCODER+ SWITCH
1	F1	10A	FUSE 20MM+HOLDER
1	J1	6ESRM-P	AC Power Entry Modules 15A IEC PCB MOUNT
1	T1	BTA08-600B	TRIAC 600V 8A TO220