

Bill Of Materials for 150WSOLDER-PWM1_SCH1

0 Modules

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

4 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	C1	0.47u	Capacitor SMD1206
1	C2	4.7u	Capacitor SMD1206
2	C3-C4	330u	EL. CAPACITOR 350V EB35D

Sub-totals:

5 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	R1	1k	RESISTOR SMD1206
1	R2	100K	RESISTOR SMD1206
3	R3-R5	30hm	POWER RESISTOR AC07 5W

Sub-totals:

1 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	U2	PCF8574	LCD I2C DRIVER
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Sub-totals:

4 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	Q1	2N7000	NFET LOGIC LEVEL TO92
1	Q2	2N3904	NPN TRANSISTOR TO92
1	Q3	2N3906	PNP TRANSISTOR TO92
1	Q4	IRFP21N60L	POWER NFET 600V 20A TO247

Sub-totals:

12 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	ARD1	ARDUINO NANO R3	
1	BR1	TS25P05GH	BRIDGE RECTIFIER 25A 500V
1	F1	10A	FUSE + HOLDER
4	J1-J4	TBLOCK-M2	5202-03-N-02
1	LCD1	LCD 16X2 V2	I2C LCD DISPLAY
1	RV1	10k	POTENTIOMETER PV09
3	SW1-SW3		TACTILE SWITCH B3F-40XX

Sub-totals: