

Bill Of Materials for SOFTSTART_ARD_1PF_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>
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1	C1	0.47u	CAPACITOR SMD1206
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1	C2	0.047	Capacitor Film C150-084X183
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Sub-totals:

7 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	R1	330	RESISTOR SMD1206
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2	R2-R3	330Ohm	RESISTOR SMD1206
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1	R4	33K	RESISTOR SMD1206
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1	R5	22K	RESISTOR SMD1206
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1	R6	470Ohm	POWER RESISTOR AC07
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1	R7	1K	RESISTOR SMD1206
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Sub-totals:

5 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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2	U2-U3	MOC3053	Random Phase Triac Driven Optocoupler
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1	U4	PC817	High Density Mounting Type Photocoupler
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2	U5-U6	BTW58	THYRISTOR 50A 1300V
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Sub-totals:

1 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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1	Q1	BUZ711B	N-FET TO220
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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	
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1	BR1	DBL209G	2A, 900V Glass Passivated Bridge Rectifiers
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1	D1	LED-RED	LED5MM
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2	F1-F2	20A	FUSE+HOLDER SH22,5A
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4	J1-J4	TBLOCK-M2	5202-03-N-02
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1	RL1	12V	RELAY SLA-12VDC 30A
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2	SW1-SW2		TACTILE SWITCH B3F-10XX
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Sub-totals: