

Bill Of Materials for LOAD_CONTR_clock

0 Modules

Quantity	References	Value	description
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Sub-totals:

5 Capacitors

Quantity	References	Value	description
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3	C1,C4-C5	0.47uF	CAPACITOR SMD1206
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2	C2-C3	22U	CAPACITOR ELECTR. SMC
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Sub-totals:

5 Resistors

Quantity	References	Value	description
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1	R1	470	RESISTOR SMD1206
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4	R2,R22,R36-R37	1K	RESISTOR SMD1206 1%
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Sub-totals:

7 Integrated Circuits

Quantity	References	Value	description
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2	U1,U4	KQ130F	Power Line Carrier Module Distance, 220VAC Power Line Transceiver Powerline Carrier Module for Long Distance Data Communication
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1	U2	DS1307 RTC MODULE	
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1	U3	24C32A	EEPROM
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1	U5	MPM-05	AC DC Converter 5V 1A
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1	U6	IRM90	AC DC Converter 12V 1A
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1	U7	7805	
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Sub-totals:

6 Transistors

Quantity	References	Value	description
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6	Q1-Q5,Q13	NTF3055L175	Power MOSFET 2.0 A, 60 V, Logic Level
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Sub-totals:

61 Miscellaneous

Quantity	References	Value	description
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1	ARD2	ARDUINO MEGA 2560	
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1	BAT1	3.5V	
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1	D1	LED-GREEN	LED5MM 2MA
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13	J13,X1-X12	TBLOCK-I2	W237-102- 500
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1	J14	SOCKET 230Vac 16A	
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12	JP1-JP12	JUMPER	
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5	K1-K3,RL4-RL5	4V	RELAY_SLA-12VDC-SL-C
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1	LCD1	ST7735R	TFT DISPLAY 1.8
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1	NANO2	ARDUINO NANO V2	
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1	RL13	5V	RELAY SLA-05VDC-SL-C
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24	SW1-SW14, SW16-SW25		TACTILE SWITCH
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Sub-totals: