

DigiKey and Ebay Part list BBMPulser E10 120VAC model

1. Capacitor \$38
 2. Thermostat \$6.35
 3. Halogen light \$6
 4. Diode \$1.94
 5. Hetsink for diode \$1.27
 6. Thyristor \$18.64
 7. 3.9k 5W resistor \$0.73
 8. Potenciometer 1k 5Watt \$6.15
 9. Toggle Switch \$2.80
 10. On/Off Switch \$0.38
 11. Coil \$20
- Total cost \$102.26

1. Capacitor Bank

LNT2D332MSE

Digi-Key Part Number 493-9005-ND

Manufacturer [Nichicon](#)

Manufacturer Product Number LNT2D332MSE

Description CAP ALUM 3300UF 20% 200V SCREW

Price \$38.00



2. KSD9700 Plastic Temperature Switch Thermostat Thermal Protector Normally Closed (Ebay)

Price:US \$6.35/ea



3. Philips Work Light Security Bulb, 500W 120V Clear, RSC Base T3 Halogen

Price \$6 (eBay.com)



4. 40Amp 600V Diode. Price \$1.94

APT40DQ60BG

Digi-Key Part Number APT40DQ60BG-ND

Manufacturer [Microchip Technology](#)

Manufacturer Product Number APT40DQ60BG

Description DIODE GEN PURP 600V 40A TO247



5. Heatsink for the Diode \$1.27

657-15ABPE

Digi-Key Part Number 345-1220-ND

Manufacturer [Wakefield-Vette](#)

Manufacturer Product Number 657-15ABPE

Description HEATSINK TO-220 W/PINS BLK 1.5"



6. Thyristor \$18.64

VS-50RIA60

Digi-Key Part Number 50RIA60-ND

Manufacturer [Vishay General Semiconductor - Diodes Division](#)

Manufacturer Product Number VS-50RIA60

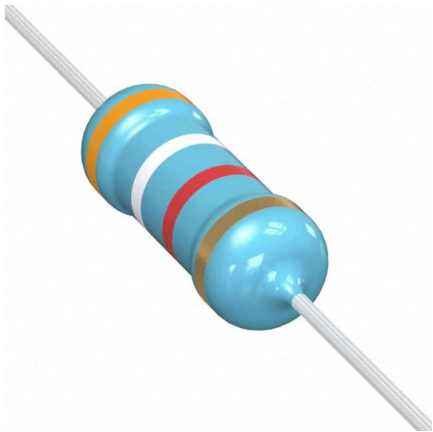
Description SCR 600V 80A TO208AC



7. 3.9k 5Watt resistor \$0.73

ROX5SSJ3K9

Digi-Key Part Number A142814CT-ND - Cut Tape (CT)
A142814TB-ND - Tape & Box (TB)
Manufacturer [TE Connectivity Passive Product](#)
Manufacturer Product Number ROX5SSJ3K9
Description RES 3.9K OHM 5% 5W AXIAL



8. Potenciometer 1k 5Watt \$6.15

026TB32R102B1A1

Digi-Key Part Number CT2157-ND
Manufacturer [CTS Electrocomponents](#)
Manufacturer Product Number 026TB32R102B1A1
Description POT 1K OHM 5W WIREWOUND LINEAR



9. Toggle Switch \$2.80

200MSP6T1B1M5RE

Digi-Key Part Number EG5787-ND

Manufacturer [E-Switch](#)

Manufacturer Product Number 200MSP6T1B1M5RE

Description SWITCH TOGGLE SPST 0.4VA 20V



10. On/Off Switch \$0.38

SW-R2-1A-F-1-0

Digi-Key Part Number 2057-SW-R2-1A-F-1-0-ND

Manufacturer [Adam Tech](#)

Manufacturer Product Number SW-R2-1A-F-1-0

Description	MINIATURE ROCKER SWITCH, QUICK C
Manufacturer Standard Lead Time	12 Weeks
Detailed Description	Rocker Switch SPST 10A (AC) 125 V Panel Mount, Snap-In



11. Coil \$20.00 (eBay.com)

14 AWG Gauge Enameled Copper Magnet Wire 1.0 lbs 80' Length
0.0655" 155C Red

