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| --- | --- | --- | --- |
| D1 P  22V Diode  1N5251B-TAP | D2 P  27V Diode  1N5254B-TAP | D3 P  10V Diode  1N5240B-TAP | D4 P  10V Diode  1N5240B-TAP |
| R1  68R Resistor  MF1/4DC68R0F | R2  10K Resistor  MFR-25FBF52-10K | R3  220R Resistor  MF1/4DC2200F | R4  220R Resistor  MF1/4DC2200F |
| R5  1K Resistor  MFR-25FBF52-1K | R6  1K Resistor  MFR-25FBF52-1K | R7  576K Resistor  MFR-25FBF52-576K | R8  10K Resistor  MFR-25FBF52-10K |
| Y1  16Mhz Crystal  ATS16A | C1  0.1 uF Capacitor  K104K15X7RF53L2 | C2  0.1 uF Capacitor  K104K15X7RF53L2 | C3  20 pF Capacitor  SR151A200JAR |
| C4  1 uF Capacitor  FK14X7R1H105K | C5  1 uF Capacitor  FK14X7R1H105K | C6  20 pF Capacitor  SR151A200JAR | C7  0.1 uF Capacitor  K104K15X7RF53L2 |
| C8  10 uF Capacitor  FK20X7S1H106K | C9  10 uF Capacitor  FK20X7S1H106K | C10  1 uF Capacitor  FK14X7R1H105K | Q1  Triac  BT137-600E,127 |
| Q2  P-MOSFET  IPP80P03P4L-04 | Q3  P-MOSFET  SUP75P03-07-E3 | U1 P  DIP28 Socket  1-2199298-9 | F1 P  2 Fuse Clips  01000056Z |
| DC1  DC Converter  OKI-78SR-5/1.5-W36H-C | C11 P  1000 uF Capacitor  EEU-FR1H102 |  |  |

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