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|--------------|--|--|--------------------|------------------|----------|
| Cap Pol1 | Polarized Capacitor (Radial) | C1, C2, C3, C4, C5, C6, C8, C9, C10 | RB7.6-15 | Cap Pol1 | 9 |
| Cap2 | Capacitor | C7 | CAPR5-4X5 | Cap2 | 1 |
| 1N4001 | 1 Amp General Purpose Rectifier | D1, D2, D3, D5 | DO-41 | Diode 1N4001 | 4 |
| Bridge | Full Wave Diode Bridge | D4 | D-38 | Bridge1 | 1 |
| 12AC | Header, 3-Pin | P1 | HDR1X3 | Header 3 | 1 |
| SENSOR OUT | Header, 2-Pin | P2, P5 | HDR1X2 | Header 2 | 2 |
| Opto coupler | Header, 2-Pin | P3 | HDR1X2 | Header 2 | 1 |
| PT100 | Header, 2-Pin | P4 | HDR1X2 | Header 2 | 1 |
| PID IN | Header, 2-Pin | P6 | HDR1X2 | Header 2 | 1 |
| PID OUT | Header, 2-Pin | P7 | HDR1X2 | Header 2 | 1 |
| 2N3904 | NPN Bipolar Transistor | Q1 | ONSC-TO-92-3-29-11 | NPN | 1 |
| Res1 | Resistor | R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42 | AXIAL-0.3 | Res1 | 41 |
| RPot | Potentiometer | R26 | VR5 | RPot | 1 |
| L7912CV | Negative Voltage Regulator, -12V, 3-Pin TO-220 | U1 | TO-220 | CMP-0244-00457-1 | 1 |
| L7812CV | Positive Voltage Regulator, 12V, 3-Pin TO-220 | U2, U3 | TO220 | CMP-0244-00450-1 | 2 |
| LM339N | IC QUAD DIFF COMPARATOR 14-DIP | U4 | FP-N0014A-MFG | CMP-0055-00143-4 | 1 |
| UA741CP | General-Purpose Operational Amplifier, 7 to 36 V, 0 to 70 degC, 8-pin DIP (P8), Pb-Free (RoHS) | U5, U6, U7, U8, U9, U10, U11, U12, U13, U14, U15, U16 | P0008A | CMP-0017-00973-2 | 12 |