















Bill of Materials

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Source Data From: ZMBo.PrjPcb
Project: ZMBo.PrjPcb

Variant: None

 Creation Date:
 2/18/2014
 10:01:56 PM

 Print Date:
 41688
 41688.91811

| Footprint | Comment | LibRef | Designator | Description | Quantity |
|--------------------|------------------|------------------|--|---|----------|
| Panasonic | VAS B | Cap Semi | C1 | Capacitor (Semiconductor SIM Model) | 1 |
| VS B | | | 00 00 01 05 00 07 | | |
| 1608[0603] | 0603 | Cap Semi | C2, C3, C4, C5, C6, C7 | Capacitor (Semiconductor SIM Model) | 6 |
| 1608[0603] | Cap Semi | Cap Semi | C8, C66, C67 D1 | Capacitor (Semiconductor SIM Model) | 3 |
| SZMM3Z4V7 T1G | SZMM3Z4V7T1 G | D Zener | וט | Zener Diode | ' |
| SM 0805 | LED1 | LED1 | D2 | Typical RED GaAs LED | 1 |
| polarized | LEDI | LEDI | D2 | Typical RED GAAS LED | ' |
| SMB | B240A-13-F | D Schottky | D3 | Schottky Diode | 1 |
| 1N4148WT | Diode 1N4148 | Diode 1N4148 | D10, D11 | High Conductance Fast Diode | 2 |
| PIN1 | TP4 | Socket | DIR_TP1, EN_TP1, REF_TP1, STEP TP1, THM TP1 | Socket | 5 |
| PIN1 | Socket | Socket | FET TP 1, FET TP GND1 | Socket | 2 |
| Molex | Molex | | M1 | | 1 |
| 0705430003 | 0705430003 4 | 0705430003 4 | | | |
| | | Pin Connector 1 | | | |
| | _ | _ | | | |
| MOLEX | Molex 70543-03 | Molex Endstop | MAX1, MIN1 | | 2 |
| Endstop | | | | | |
| HDR1X2 | Header 2 | | P1, P2 | Header, 2-Pin | 2 |
| PSMN7R0- | PSMN7R0- | PSMN7R0- | Q1 | N-Channel MOSFET | 1 |
| 60YS | 60YS | 60YS | | | |
| | 0603 | Res3 | R1, R4, R5, R8, R9, R10 | Resistor | 6 |
| | 1206 | Res3 | R2, R3 | Resistor | 2 |
| Resistor | | | | | |
| J1-0603 | Res3 | | R6, R7, R38, R39 | Resistor | 4 |
| | | con-phoenic-508- | T1 | con-phoenic-508-10 | 1 |
| 508 - 10 | 10 | 10 | | | |
| Molex 70543- 02 | Molex 70543-02 | Molex 70543-02 | T2 | Molex 70543-02 | 1 |
| QFN50P508X | A4982 | A4982 | U1 | Alllegor A4982 Stepper Driver | 1 |
| 508X100_HS- | | | | | |
| 33N | | | | | |
| AD5206 & | AD5206 | AD5206 | U2 | | 1 |
| AD5204 | | | | | |
| MAXM- | MAX31855EAS | MAX31855EAS | U8 | Cold Junction Compensated Thermocouple | 1 |
| S8+4_N | A+ | A+ | | to Digital Converter, 14 Bits Temperature | |
| | | | | Resolution, -40 to 125 degC, 8-Pin SOIC | |
| | | | | (S8+4), Pb-Free | |
| Approved Notes | | | | | 45 |
| Approved | | 140162 | | 1 | |
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