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| Title | | |
| Size | Number | Revision |
| A3 | | |
| Date: | 2014-1-11 | Sheet of |
| File: | C:\Documents and Settings\... | SchDrawn By: |

| Comment | Description | Designator | Footprint | LibRef | Quantity |
|----------------|--|---|---------------------|--------------|----------|
| Cap | Capacitor | C1, C5, C6, C7, C8, C21, C39, C52 | V C1 | Cap | 6 |
| LCUJ | Capacitor | C2 | LCUJ_0.47 | Cap | 1 |
| LCU | Capacitor | C3 | LCU0_1uf | Cap | 1 |
| Cap Part | Radialized Capacitor (Radial) | C4 | R*30 | Cap Part | 1 |
| 1n | 1206 无引线电容 | C9, C20, C23, C24, C38, C40, C46, C51, C69, C71, C85, C87 | 1206 | CAP-1206 | 12 |
| | Radialized Capacitor (Radial) | C10, C16, C26, C28, C43, C48 | R*12 | Cap Part | 6 |
| 1000uf/25v | 10X17 直插 电解电 | C11, C12, C29, C30, C41, C42 | EL-10X17 | CAP-EL1 | 6 |
| 104 | 1206 无引线电容 | C13, C15, C19, C31, C32, C44, C49 | 1206 | CAP-1206 | 7 |
| 103 | 1206 无引线电容 | C14, C17, C32, C33, C35, C45, C50 | 1206 | CAP-1206 | 7 |
| | Radialized Capacitor (Radial) | C18, C34, C47 | EL-10X17 | Cap Part | 3 |
| 2.2n | 1206 无引线电容 | C22 | 1206 | CAP-1206 | 1 |
| 4.7uF/35V | 10X17 直插 电解电 | C25, C26 | ECO-B/2.54/5 | CAP-EL1 | 2 |
| 0.01uF | 1206 无引线电容 | C27 | 1206 | CAP-1206 | 1 |
| 10n | 1206 无引线电容 | C33 | 1206 | CAP-1206 | 1 |
| 30p | 1206 无引线电容 | C54 | 1206 | CAP-1206 | 1 |
| 1nf | 1206 无引线电容 | C55 | 1206 | CAP-1206 | 1 |
| 10u | 密封钽电解电容 | C56, C57, C72, C74 | CAP-8 | CAP-8 | 4 |
| 1u | 1206 无引线电容 | C58, C59, C60, C61, C73, C75, C76, C79, C82, C64, C66, C67, C77, C80, C82, C82 | 1206 | CAP-1206 | 8 |
| 220p | 1206 无引线电容 | C67, C77, C80, C82, C82 | 1206 | CAP-1206 | 8 |
| 100p | 1206 无引线电容 | C63, C65, C78, C81 | 1206 | CAP-1206 | 4 |
| 300n | 1206 无引线电容 | C68, C70, C84, C86 | 1206 | CAP-1206 | 4 |
| US1M | SCHOTTKY DIODE | D1, D4, D5, D16, D19, D28, D29 | SMA | MBR0520 | 7 |
| ER2D | Default Diode | D2, D5, D7, D9, D11, D12 | DO-214AA | Diode | 6 |
| 02T52C16 | Ferrisense Voltage Suppressors | D3 | SOD-123 | SMBUSVDA | 1 |
| 1N4148 | SURFACE MOUNT FAST SWITCHING DIODE | D8, D10, D15, D17, D25, D26 | SOD-323 | 1N4148WS T4 | 6 |
| MMSZ3488 /18v | Ferrisense Voltage Suppressors | D13 | SOD-123 | SMBUSVDA | 1 |
| MMSZ3408 10V | Schottky Diode | D14, D16, D24, D27 | SOD-123 | D Schottky | 4 |
| ZMM18 | Schottky Diode | D20, D21, D22, D23, D30, D31, D32, D33 | SOD-80 | D Schottky | 8 |
| 250 1.25A | 滤波 | FB1 | EL-10X17 | FB-1206 | 1 |
| J1 | | J1 | JMP2 | J1 | 1 |
| J2 | | J2 | JMP2 | J1 | 1 |
| J3 | | J3 | JMP2 | J1 | 1 |
| J4 | | J4 | JMP2 | J1 | 1 |
| 3AW | 3Pin 直插 三脚插座 | JMP1 | DE3-1 | 3AW | 1 |
| JMP2 | 3Pin 2.54间距 三脚插座 | JMP2 | JMP3 | JMP3 | 1 |
| UB8.8 | Transformer (Coupled Inductor Model) | L1 | LU10.5 | Trans Coupl | 1 |
| 10uH | Radial Inductors for Surface Mounting | L2, L3, L4, L5, L6, L7 | E*8 | AB20CY-170M | 6 |
| LED | | Led1, Led2, Led3 | SMA | LED | 3 |
| 05R4105 | N-Channel MOSFET | MN1, MN3, MN5, MN7 | D-PAK | MOSFET-N | 4 |
| 05R4105 | N-Channel MOSFET | MN2, MN4, MN6, MN8 | SOT-223 - duplicate | MOSFET-N | 4 |
| 05R5306 | N-Channel MOSFET | MPT, MP2, MP3, MP4 | D-PAK | MOSFET-P | 4 |
| DC10 | Connector | NX1, NX2, NX3 | DC10 | CDW10 | 3 |
| 8050 | SPN Bipolar Transistor | Q1, Q3, Q4, Q5, Q6 | SOT23 | QNPIN | 5 |
| 02PF6N80/5N80C | Resistor | R2 | TC-220 | MOSFET N | 1 |
| Res2 | Resistor | R1 | | Res2 | 1 |
| Res2 | Resistor | R3, R4, R5, R6, R7, R9, R11, R17, R24, R25, R28 | R2 | Res2 | 11 |
| 10K | Resistor | R8, R12, R14, R16, R20, R21, R26, R29, R37, R53, R55, R56, R57, R74, R78, R80, R81 | 1206 | R-1206 | 17 |
| 4.7K | Resistor | R10, R16, R26, R47, R50, R71, R76 | 1206 | R-1206 | 7 |
| 1.3R | Resistor | R13, R15 | 1206 | R-1206 | 2 |
| 25R | Resistor | R19 | 1206 | R-1206 | 1 |
| 18k | Resistor | R22, R23 | 1206 | R-1206 | 2 |
| 1k | Resistor | R27, R30, R60, R61, R84, R85 | 1206 | R-1206 | 6 |
| 2.4K | Resistor | R31 | 1206 | R-1206 | 1 |
| 200K | Resistor | R33 | 1206 | R-1206 | 1 |
| 1.5K | Resistor | R34 | 1206 | R-1206 | 1 |
| 300R | Resistor | R35 | 1206 | R-1206 | 1 |
| 15R | Resistor | R36, R46, R48, R58, R59, R70, R75, R82, R83, Rgn1, Rgn2, Rgn3, Rgn4, Rgn5, Rgn6, Rgn7, Rgn8 | 1206 | R-1206 | 17 |
| 100R | Resistor | R38, R39, R40, R41, R42, R43, R48, R51, R62, R63, R64, R65, R66, R68, R72, R77 | 1206 | R-1206 | 16 |
| 470 | Resistor | R44, R46, R67, R69 | 1206 | R-1206 | 4 |
| 330R | Resistor | R52, R54, R73, R79 | 1206 | R-1206 | 4 |
| 0Pnt | Potentiometer | RP1 | 2-S-POT3 | 0Pnt | 1 |
| T7 | | T7 | ER35 | ER35 | 1 |
| TP7 | | TP1, TP2, TP3, TP4, TP6, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP33, TP34, TP35, TP36, TP37, TP38, TP39, TP40 | TP2 - duplicate | TP2 | 40 |
| 1203P60 | Low-Dropout, 300mA Linear Regulator in uMAX | U1 | DIP8 | 1203P60 | 1 |
| LM7815 | Dropout Regulators with Shutdown | UZ, U3 | LM7815 | LM7815 | 2 |
| TL431 | | U4 | TL431 | TL431 | 1 |
| Acq3-339 | | U5, U6, U7, U8 | Acq3-339 | Acq3-339 | 4 |
| PCN17 | | U9, U10 | PCN17 | PCN17-2 | 2 |
| BT1662H | | VT1 | TL431 | BT1662H | 1 |
| BD1 | 10/100 100GBASE-T Gigabit Ethernet Transceiver | WD1 | W10M | Bridge | 1 |
| ZNR1 | Varistor (Voltage-Sen | ZNR1 | ZNR | Res Varistor | 1 |