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| Title | | |
| Size | Number | Revision |
| A3 | | |
| Date: | 2013-4-5 | Sheet of |
| File: | E:\ \ \ | SchDoc |
| | | Drawn By: |

| Comment | Description | Designator | Footprint | LibRef | Quantity |
|----------------|---|--|--------------|----------------------------|----------|
| 400v | Polarized Capacitor (Axial) | C3 | C100uF/400V | Cap Pol2 | 1 |
| Cap | Capacitor | C4 | RAD-0.3 | Cap | 1 |
| 104 | Capacitor | C5 | 0805 | Cap | 1 |
| 25V | Capacitor | C6, C12 | C10uF/25V | Cap | 2 |
| 100v | Capacitor | C7 | 0805 | Cap | 1 |
| Cap | Capacitor | C8, C9, C13, C14, C17, C18, C19, C20, C21 | 0805 | Cap | 9 |
| 50v | Capacitor | C10, C11 | C100uF/50V | Cap | 2 |
| 102 | Capacitor | C15 | 0805 | Cap | 1 |
| Cap/1kv | Capacitor | C16 | RAD-0.3 | Cap | 1 |
| 2J472 | Capacitor | C50 | RAD-0.3 | Cap | 1 |
| Cap | Capacitor | Cx1, Cx2 | Cx 电容 | Cap | 2 |
| Cap | Capacitor | Cy1, Cy2 | Cy 电容 | Cap | 2 |
| Diode 1N4007 | High Conductance Fast Diode | D1, D2, D3, D4 | 二极管 | Diode 1N4448 | 4 |
| Diode FR107 | 3 Amp Medium Power Silicon Rectifier Diode | D6 | 二极管 | Diode 1N5408 | 1 |
| Diode IN4148 | 3 Amp Medium Power Silicon Rectifier Diode | D7, D13, D14 | 二极管 | Diode 1N5408 | 3 |
| Diode HER307 | 3 Amp Medium Power Silicon Rectifier Diode | D8, D9 | DO-201AD | Diode 1N5408 | 2 |
| IN4148 | 1 Amp General Purpose Rectifier, 3 Amp Medium Power Silicon Rectifier Diode | D10, FR305 | 二极管 | Diode 1N4007, Diode 1N5408 | 2 |
| 稳压管 15V | 1 Amp General Purpose Rectifier | D11 | 二极管 | Diode 1N4007 | 1 |
| PUT | Programmable Unijunction Transistor | D12 | TO-92A | PUT | 1 |
| Diode 10V | Default Diode | D15 | 二极管 | Diode | 1 |
| 1A/250v | Fuse | F1 | PIN-W2/E2.8 | Fuse 1 | 1 |
| Header 4 | Header, 4-Pin | head +, head —, OUT+, OUT_ | HDR1X4 | Header 4 | 4 |
| EE19 变压 /805uH | | L3 | EE19 变压器 | EE19 变压器 | 1 |
| Res2 | Resistor | NTC, R50 | AXIAL-0.4 | Res2 | 2 |
| Header 2 | Header, 2-Pin | P1, P2, P3 | HDR1X2 | Header 2 | 3 |
| MOSFET8N60 | N-Channel MOSFET | Q1 | 8N60/DIP3 | MOSFET-N | 1 |
| 400V/0.3W | Resistor | R2, R202 | 1欧电阻 | Res2 | 2 |
| Res2 | Resistor | R3, R5, R6, R10, R11, R12, R13, R14, R55, Rea1, Rea2 | 0805 | Res2 | 11 |
| 1W | Resistor | R4 | 1欧电阻 | Res2 | 1 |
| | Resistor | R7, R9 | 0805 | Res2 | 2 |
| Res2 | Resistor | R8 | 1欧电阻 | Res2 | 1 |
| Trans BB | Buck-boost Transformer | T1 | EE28 变压器 5x5 | Trans BB | 1 |
| UC3845 | | U1 | LM358/SOP8 | UC3842B | 1 |
| PC817 | 4-Pin Phototransistor Optocoupler | U2 | DIP-4 | Optoisolator1 | 1 |
| LM393 比较器 | | U3 | LM358/SOP8 | LM393 比较器 | 1 |
| 工型电感 | | 电感 L1 | 电感 | 工型电感 | 1 |