

Amplifier Housekeeping Version 4.3 - © 2016 ASTXLabs

USB / remote power on board

| Qty | Reference Designator | Value | Item Description | Footprint | Extras |
|-----|------------------------|------------------------|-------------------------|---------------------------|---|
| 1 | | USB REMOTE POWER ON | PCB | 80x26mm | PCB rev v1.2 20160222 |
| 1 | C3 | 0.1µF/63V | SMD mlcc capacitor | 1206 | |
| 1 | C2 | 0.47µ/63V | SMD mlcc capacitor | 1206 | |
| 1 | C1 | 10µF/16V | SMD mlcc capacitor | 1210 | |
| 3 | D1 D2 D3 | | LED | vert. mount, pitch 2.54mm | optional |
| 1 | R5 | 22 | SMD thick film resistor | 1206 | |
| 1 | R1 | 1.8k | SMD thick film resistor | 1206 | |
| 3 | R3 R4 R6 | 2.7k | SMD thick film resistor | 1206 | optional |
| 1 | R2 | 100k | SMD thick film resistor | 1206 | |
| 1 | U1 | DF06 | Bridge Rectifier | DIP 8, 4pol. | |
| 1 | U3 | | MCP2221 | DIP14 | USB 2.0 to serial converter |
| 1 | U2 | IL74 | IL74 | DIP6 | IL74 opto coupler |
| 1 | EXT_TX_RX_GND | | 4 pol. connector | pitch 2.54mm | generic connector |
| 2 | EXT_PWR_IN EXT_PWR_OUT | | Stereojack | | Kycon STX-3680-5NB |
| 1 | USB | | USB Connector | | Wuerth 61400413321 or Lumberg 241101 |