

LM2576 based power supply BOM

| Id | Designator | Quantity | Designation | Package |
|----|------------|----------|--------------------|----------------------------------------|
| 1 | C2,C5,C6 | 3 | 2200µF | CP_Radial_D13.0mm_P5.00mm |
| 2 | C1,C4 | 2 | 100µF | CP_Radial_D6.3mm_P2.50mm |
| 3 | L,L2,L3,L4 | 4 | 100µH | L_Radial_D12.5mm_P7.00mm_Fastron_09HCP |
| 4 | C3 | 1 | 4700µF | CP_Radial_D16.0mm_P7.50mm |
| 6 | C9 | 1 | 100µf | CP_Radial_D6.3mm_P2.50mm |
| 7 | D3,D4,D5 | 3 | LED (red) | LED_D3.0mm |
| 8 | D1,D2 | 2 | 1N5822 | D_DO-201AD_P12.70mm_Horizontal |
| 9 | J1,J2 | 2 | Conn_02x08_OddEven | PinSocket_2x08_P2.54mm_Vertical |
| 11 | C11 | 1 | 100nF | C_Disc_D3.8mm_W2.6mm_P2.50mm |
| 12 | C10 | 1 | 10µF | CP_Radial_D5.0mm_P2.00mm |
| 13 | J3 | 1 | Barrel_Jack | BarrelJack_Horizontal |
| 15 | U3 | 1 | LM7805_TO220 | TO-220-3_Vertical |
| 16 | U1,U2 | 2 | LM2576T-12 | TO-220-5_Vertical |
| 17 | R1,R2,R3 | 3 | 1KOhm | R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm |