

| 2.4 G Transmitter Partlist | | | |
|----------------------------|---------------|--------------------------|------|
| Location No. | Value | Type/model | Q'ty |
| R1 | 10R | Resister | 1 |
| R2, R8 | 2. 2K | Resister | 2 |
| R3, R4, R7 | 10K | Resister | 3 |
| R5 | 47K | Resister | 1 |
| R6 | 680K | Resister | 1 |
| C1, C10 | 100P | Capacitor | 2 |
| C3, C7 | 10u | Capacitor | 2 |
| C2, C4, C8 | 100nF | Capacitor | 3 |
| C5 | 1 u F | Capacitor | 1 |
| C9 | 10nF | Capacitor | 1 |
| C6 | 1 nF | Capacitor | 1 |
| C12, C13 | 20P | Capacitor | 2 |
| Y1 | 12M | Cristal | 1 |
| U1 | AL78K01N | MCU | 1 |
| U3 | LT8900SSK | 2.4GHz Radio Transceiver | 1 |
| D1 | GangGhang LED | LED | 1 |

BiII of materials

| Material name | Receiver | QTY | Company | Position |
|--------------------------|---|-----|---------|-----------------|
| Circuit board | GT-0324-C26X 195*34*1.2mm-CEM-1V-0-94V0 | 1 | PCS | |
| Fuse | 3.15A-250V | 1 | PCS | FU1 |
| Varistor | 10D471K | 1 | PCS | RV1 |
| Inductor choke | 10x6x4mm 200uH | 1 | PCS | LF1 |
| common mode choke | UT20 30mH | 1 | PCS | LM1 |
| Inductor choke | 13x9X5 600uH | 1 | PCS | LF2 |
| capacitor X2 | STE-MOX275VACX2-334/275V | 1 | PCS | CX1 |
| Inductor choke | T50-26B 450uH | 1 | PCS | L1 |
| CBB capacitor | 334JG/400V 10mm | 2 | PCS | C1 C2 |
| Electrolytic capacitor | 105℃ (K)-39 μ F/450V-16*20mm | 1 | PCS | C3 |
| Electrolytic capacitor | RG (M) E105℃-22 μ F/50V-5*11mm | 2 | PCS | C4 C5 |
| Electrolytic capacitor | RG (M) E105℃-4.7 μ F/50V-5*11mm | 1 | PCS | C6 |
| Polyester capacitor | 2J472J | 1 | PCS | C7 |
| Electrolytic capacitor | RG (M) E105℃-10 μ F/50V-5*11mm | 2 | PCS | C8 C16 |
| capacitor ceramic | 471K/1KV | 1 | PCS | C9 |
| Electrolytic capacitor | RC (M) E105℃560 μ F/63V-13*20mm | 2 | PCS | C10 C12 |
| Electrolytic capacitor | RC (M) E105℃-220 μ F/63V-10*16mm | 1 | PCS | C11 |
| Electrolytic capacitor | RS105℃-220 μ F/25V-6.3*11mm | 2 | PCS | C13 C14 |
| Electrolytic capacitor | RC (M) E105℃-100 μ F/10V-5*11mm | 1 | PCS | C15 |
| Rectifier bridge | KBP310-3A/1000V | 1 | PCS | DB1 |
| Fast recovery diode | MUR460 4A/600V DO-201AD | 1 | PCS | D1 |
| Schottky diode | SFF1040CT 10A/400V TO-220F | 1 | PCS | D2 |
| diode | IN4007/1A/1KV | 1 | PCS | D11 |
| MOSFET | CS840-8A/500V-TO-220F | 1 | PCS | Q1 |
| MOSFET | CS7N65F-7A/650V-TO-220F | 1 | PCS | Q2 |
| MOSFET | CS640-18A/200V-TO-220AB | 2 | PCS | Q4 Q5 |
| photo coupler | EL817 | 2 | PCS | U3 U4 |
| capacitor Y1 | STE-CD222M Y5U | 1 | PCS | CY1 |
| PFC boost inductor | RM8 CY-16061774 | 1 | PCS | T1 |
| QR Transformer | PQ2620 CY-16081890 | 1 | PCS | T2 |
| Cooling fin | 55*3*16mm | 1 | PCS | HS1 |
| Cooling fin | 23*6*16mm | 1 | PCS | HS2 |
| Magnetic beads | 4*2*10mm | 1 | PCS | |
| antenna | 3*20mm | 1 | PCS | ANT |
| Power box | PC-94V0-220*39*27mm-白色 | 1 | PCS | |
| Three bit small terminal | XH2.0-3P | 1 | PCS | CN3 |
| Terminal block | DG126-5.0-03P-14-00AH | 2 | PCS | INPUT OUTPUT |
| resistor chip | 1M-1206-5% | 2 | PCS | R1 R7 |
| resistor chip | 510K-1206-5% | 4 | PCS | R2 R8 R9 R10 |
| resistor chip | 150K-1206-5% | 2 | PCS | R3 R4 |
| resistor chip | 1.5M-1206-5% | 2 | PCS | R5 R6 |
| resistor chip | 68K-1206-5% | 2 | PCS | R11 R12 |
| resistor chip | 10K-0805-5% | 2 | PCS | R13 R22 |
| resistor chip | 10 Ω -0805-5% | 5 | PCS | R15 R23 R28 R38 |
| resistor chip | 68 Ω -0805-5% | 2 | PCS | R16 R24 |
| resistor chip | 510 Ω -0805-5% | 2 | PCS | R17 R27 |
| resistor chip | 26.1K-0805-5% | 1 | PCS | R18 |
| resistor chip | 360 Ω -0805-5% | 1 | PCS | R19 |
| resistor chip | 82K-0805-5% | 1 | PCS | R20 |
| resistor chip | 20K-0805-5% | 1 | PCS | R21 |
| resistor chip | 30K-0805-5% | 2 | PCS | R25 R40 |
| resistor chip | 200K-0805-5% | 1 | PCS | R26 |
| resistor chip | 22 Ω -1206-5% | 2 | PCS | R29 R30 |
| resistor chip | 33K-1206-5% | 2 | PCS | R31 R32 |
| resistor chip | 4.7K-0603-5% | 3 | PCS | R33 R49 R50 |
| resistor chip | 75K-0805-5% | 1 | PCS | R34 |
| resistor chip | 2.4K-0805-1% | 1 | PCS | R35 |
| resistor chip | 33K-0805-5% | 1 | PCS | R36 |
| resistor chip | 4.7K-0805-5% | 1 | PCS | R37 |
| resistor chip | 5.6K-0805-5% | 1 | PCS | R41 |
| resistor chip | 100 Ω -0805-5% | 1 | PCS | R42 |

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| Material name | Receiver | QTY | Company | Position |
|------------------------------|-----------------------------|-----|---------|---------------------|
| resistor chip | 1.5K-1206-5% | 2 | PCS | R43 R51 |
| resistor chip | 30Ω-1206-5% | 1 | PCS | R44 |
| resistor chip | 0Ω-0805-5% | 1 | PCS | R45 |
| resistor chip | 10K-0603-5% | 2 | PCS | R46 R52 |
| resistor chip | 3.3K-0603-5% | 2 | PCS | R47 R48 |
| resistor chip | 1M-0603-5% | 1 | PCS | R55 |
| resistor chip | 47K-0603-5% | 3 | PCS | R56 R58 R59 |
| resistor chip | 10Ω-0603-5% | 1 | PCS | R57 |
| resistor chip | 470Ω-0603-5% | 1 | PCS | R61 |
| resistor chip | 750Ω-1206-5% | 1 | PCS | ZD1 |
| resistor chip | 0.24Ω-2010-1% | 1 | PCS | RS1 |
| resistor chip | 0.39Ω-2010-1% | 1 | PCS | RS2 |
| resistor chip | 0.56Ω-1206-1% | 1 | PCS | RS3 |
| resistor chip | 0.62Ω-1206-1% | 2 | PCS | RS4 RS5 |
| resistor chip | 0.82Ω-1206-1% | 1 | PCS | RS6 |
| Capacitor ceramic | 100nF/50V-0805-20% | 3 | PCS | C17 C24 C31 |
| Capacitor ceramic | 1nF/50V-0805-20% | 3 | PCS | C18 C20 C27 |
| Capacitor ceramic | 330nF/50V-0805-20% | 1 | PCS | C21 |
| Capacitor ceramic | 2.2uF/25V-0805-20% | 1 | PCS | C22 |
| Capacitor ceramic | 100pF/50V-0805-20% | 2 | PCS | C23 C32 |
| Capacitor ceramic | 13pF/50V-0805-20% | 1 | PCS | C25 |
| Capacitor ceramic | 220pF/50V-0805-20% | 1 | PCS | C26 |
| Capacitor ceramic | 18nF/50V-0805-20% | 1 | PCS | C28 |
| Capacitor ceramic | 2.2nF/50V-0805-20% | 1 | PCS | C29 |
| Capacitor ceramic | 470nF/50V-0805-20% | 1 | PCS | C30 |
| Capacitor ceramic | 100nF/50V-0603-20% | 5 | PCS | C33 C34 C35 C37 C41 |
| Capacitor ceramic | 1uF/25V-0603-20% | 3 | PCS | C36 C38 C40 |
| Capacitor ceramic | 100pF/25V-0603-20% | 1 | PCS | C39 |
| diode fast recovery | T4 IN4148 LL34 | 4 | PCS | D3 D4 D5 D9 |
| diode fast recovery | F4(FR104) 0.5A/400V SOD-123 | 2 | PCS | D6 D8 |
| diode fast recovery | RS1M-1A/1000V-D0-214AC | 2 | PCS | D7 D10 |
| Transistor | Y2 S8550-SOT-23 | 1 | PCS | Q3 |
| Transistor | J3 9013-SOT-23 | 4 | PCS | Q6 Q7 Q8 Q9 |
| PFC controller | NCP1608-SOP8 | 1 | PCS | U1 |
| QR controller | OB2203-SOP8 | 1 | PCS | U2 |
| Int voltage constant current | BCD-G6G (AP4313)-SOT-23-6 | 1 | PCS | U5 |
| Three terminal regulator | AMS1117-SOT-89 | 1 | PCS | U6 |
| storage | 24C02 SOP8 | 1 | PCS | U7 |
| 2.4G Receive IC | LVD/WDGTOP10204/50+50-BD | 1 | PCS | U8 |
| Crystal oscillator | 12MHz- ZM206 | 1 | PCS | XT1 |