

Bill of Materials

Product: 49MHz RECEIVER

| NO. | Description | Location | Qty | Unit |
|-----|-------------------------------|-------------------------|-----|------|
| 1 | RECEIVER | | | |
| 2 | ELECT-CAP. 100uF +/-20% 50V | C8,10 | 2 | PCS |
| 3 | SMD 0603 4.7uF +80--20% 50V | C11 | 1 | PCS |
| 4 | SMD 0603 0.02uF +/-10% 50V | C12,C13 | 2 | PCS |
| 5 | SMD 0603 10K +/-5% 0.1W | R3,R4,R5,R12,R21,R22 | 6 | PCS |
| 6 | SMD 0603 3.3K +/-5% 0.1W | R6,R7,R11 | 3 | PCS |
| 7 | SMD 1206 3.3K +/-5% 0.25W | R9 | 1 | PCS |
| 8 | SMD 0603 1K +/-5% 0.1W | R8,R10 | 2 | PCS |
| 9 | SMD 0603 12K +/-5% 0.1W | R13 | 1 | PCS |
| 10 | SMD 0603 680 +/-5% 0.1W | R14,R20 | 2 | PCS |
| 11 | SMD 1206 270 +/-5% 0.25W | R15,R16,R18,R23 | 4 | PCS |
| 12 | SMD 0603 10 +/-5% 2W | R17 | 1 | PCS |
| 13 | SMD 0603 560K +/-5% 0.1W | R19 | 1 | PCS |
| 14 | RESISTOR 0.25 OHM +/-5% 5W | R24 | 1 | PCS |
| 15 | SMD 1206 0 +/-5% 0.25W | JP2,JP3,JP4,JP5 | 4 | PCS |
| 16 | JUMPER 2" D=0.5mm | JP7 | 1 | PCS |
| 17 | SMD D0-213 LL4148 DIODE | D1,D2 | 2 | PCS |
| 18 | SMD SOD-123 2.7V ZENER DIODE | ZD1 | 1 | PCS |
| 19 | SMD SOD-123 4.7V ZENER DIODE | ZD2 | 1 | PCS |
| 20 | SMD SOP-8 4435 30V | Q1,Q2 | 2 | PCS |
| 21 | SMD SOT-23 8050M TRANSISTOR | Q3,Q4,Q7,Q8,Q12,Q13,Q15 | 7 | PCS |
| 22 | SMD SOP-8 4468 30V | Q5,Q6 | 2 | PCS |
| 23 | SMD SOT-23 8550M TRANSISTOR | Q9,Q10 | 2 | PCS |
| 24 | SMD SOT-23 9013 TRANSISTOR | Q11,Q14 | 2 | PCS |
| 25 | WAFER JM24182-02 | CON1 | 1 | PCS |
| 26 | WAFER 2139-04 | CON2 | 1 | PCS |
| 27 | SMD SOP-8 555 | U2 | 1 | PCS |
| 28 | D0-9946-32 SNT | PCB | 1 | PCS |
| 29 | TUNE COIL 0.7uH | L1 | 1 | PCS |
| 20 | SMD 0603 22PF +/-5% 50V | C1,C2 | 2 | PCS |
| 31 | SMD 0603 0.1uF +80-20% 50V | C3,C7 | 2 | PCS |
| 32 | SMD 0603 100PF +/-5% 50V | C4 | 1 | PCS |
| 33 | SMD 0603 0.047uF +/-20% 50V | C5 | 1 | PCS |
| 34 | ELECT-CAP. 10uF +/-20% 50V | C9 | 1 | PCS |
| 35 | SMD 0603 19.1K +/-1% 0.1W | R1 | 1 | PCS |
| 36 | SMD 0603 47K +/-5% 0.1W | R2 | 1 | PCS |
| 37 | "Winbond" IC DICE W55RFS27R1B | U1 | 1 | PCS |
| 38 | D0-9544-612 SNTC | PCB | 1 | PCS |