

DB-54003L-235 BOM

| Component ID | Description | Value | Case size | Manufacturer | Part Code |
|--------------|-----------------------------------|---------------|-----------|--------------------|---------------------|
| B1 | Ferrite Bead | | | PANASONIC | EXCELDR35C |
| B2 | Ferrite Bead | | | PANASONIC | EXCELDR35C |
| C1, C2 | Capacitor | 120 pF | 1206 | MURATA | GRM42-6 COG 121J 50 |
| C3 | Capacitor | 1 nF | 1206 | MURATA | GRM42-6 COG 102J 50 |
| C4 | Capacitor | 100 nF | 1206 | MURATA | GRM42-6 X7R 104K 50 |
| C5 | Capacitor | 10 uF | SMT | PANASONIC | EEVHB1V100P |
| C6, C12 | Capacitor | 220 pF | 100B | ATC | ATC 100B 221JW |
| C7 | Capacitor | 39 pF | 100B | ATC | ATC 100B 390 JW |
| C8 | Capacitor | 47 pF | 100B | MURATA | GRM42-6 COG 470J 50 |
| C9, C10 | Capacitor | 33 pF | 100B | ATC | ATC 100B 330JW |
| C11 | Capacitor | 24 pF | 100B | ATC | ATC 100B 240 JW |
| D1 | Zener Diode | 5.1 V | SOD110 | PHILIPS | BZX284C5V1 |
| L1 | Inductor | 28 nH | | COILCRAFT | B08T |
| L2 | Inductor | 22 nH | | COILCRAFT | B07T |
| L3 | Inductor | 12,5 nH | | COILCRAFT | A04T |
| R1 | Resistor | 1 K Ω | 1206 | TYCO ELECTRONICS | 01623440-1 |
| R2 | Potentiometer | 10 K Ω | | BOURNS ELECTRONICS | 3214W-1-103E |
| R3 | Resistor | 300 Ω | 1206 | BOURNS ELECTRONICS | |
| R4 | Resistor | 56 Ω | 1206 | BOURNS ELECTRONICS | |
| TL1 | Transmission Line | W=2,87 mm | L=7,4 mm | | |
| TL2 | Transmission Line | W=2,87 mm | L=1,0 mm | | |
| TL3 | Transmission Line | W=4,98 mm | L=3,8 mm | | |
| TL4 | Transmission Line | W=4,98 mm | L=5,0 mm | | |
| TL5 | Transmission Line | W=2,87 mm | L=2,0 mm | | |
| TL6 | Transmission Line | W=2,87 mm | L=1,6 mm | | |
| TL7 | Transmission Line | W=2,87 mm | L=6,1 mm | | |
| PD54003L | LDMOS | | | STMicroelectronics | PD54003L |
| Board | FR-4 THk=0.060" 2OZ Cu Both Sides | | | | |