

981813 Gateway PCB ASSY- Wi-Fi Radio Parts List

| No. | ID | Manufacturer | Manufacturer P/N | Description | Quantity | Unit |
|-----|------------------------------|-------------------------|------------------------------|---|----------|------|
| 1 | C11, C28, C33, C71, C103 | TDK Corporation | C1005X5R1A104K | 100nF, 10V, ±15%, Ceramic Capacitor, X5R, 0402 | 5 | EA |
| 2 | C32, C104 | Taiyo Yuden | EMK212BBJ475KDHT | 4.7µF, 16V, ±10%, Ceramic Capacitor, X5R, 0805 | 2 | EA |
| 3 | C27, L2 | Murata | GJM1555C1H1R0BB01D | 1pF, 50V, ±1%, Ceramic Capacitor COG/NP0 HIGH Q RF DESIGN, 0402 | 1 | EA |
| 4 | C29, C66 | Taiyo Yuden | LMK212BJ106KG-T | 10µF, 10V, ±10%, Ceramic Capacitor, X5R, 0805 | 2 | EA |
| 6 | C35, C36 | Johanson Technology Inc | 500R07S270GV4T | 27pF, 50V, ±2%, Ceramic Capacitor, NP0, 0402 | 2 | EA |
| 7 | FB2 | Murata | BLM15BD221SN1D | 220Ohm, 300mA, 1LN Ferrite Bead, 0402 | 1 | EA |
| 8 | L3 | Murata | LQG15HS3N3S02D | 3.3nH, 300mA, ±10%, Ceramic Inductor, 0402 | 1 | EA |
| 9 | L5 | TDK | MLZ2012A2R2M | 2.2µH, 650mA, Fixed Inductor, 0402 | 1 | EA |
| 10 | PF3 | Netatmo | PIFA_TH_H100P220_2480X500X40 | PIFA ANTENNA 2.4GHZ WIRED 248X50X4 | 1 | EA |
| 11 | R12, R19, R37, R40, R42, R43 | Panasonic | ERJ2GE0R00X | 0 Ohm, 1/16W, ±1%, RES TF, 0402 | 6 | EA |
| 12 | R14, R33, R34, R35, R36 | Rohm Semiconductor | MCR01MRTF3302 | 33 kOhm, 1/16W, ±1%, RES TF, 0402 | 5 | EA |
| 13 | R24, R25, R27, R28 | Panasonic | ERJ-2RKF1004X | 1 MOhm, 1/16W, ±1%, RES TF 0402 | 4 | EA |
| 14 | R30 | Panasonic | ERJ-2RKF1002X | 10 kOhm, 1/16W, ±1%, RES TF 0402 | 1 | EA |
| 15 | R31 | Panasonic | ERJ-2RKF13301X | 3.3 kOhm, 1/16W, ±1%, RES TF, 0402 | 1 | EA |
| 16 | R32 | Murata | GRM155R71H102KA01D | 1000pF, 50V, ±10%, Ceramic Capacitor, X7R, 0402 | 1 | EA |
| 17 | U6 | Ampak | AP6212 | Ampak WiFi 802.11b/g/n + BT4.0 module | 1 | EA |
| 18 | U7 | On Semiconductor | NL27WZU04DFT2G | IC INVERTER DUAL UNBUFF SOT363 | 1 | EA |
| 19 | X4 | JFVNY | X32F-C1800A-26.000MHz | Crystal 26MHz, 18pF, Tol 10ppm, Stab 10ppm | 1 | EA |