

**Total amount of capacitors, inductors and resistors in
BGM220P22A, MGM220P22A, BGX220P22A**

| Type | Package | Value | Tol | Qty |
|--------------------------|---------|---------------------------------|----------|-----|
| Inductor | 0201 | 2.7nH | +/-0.1nH | 1 |
| Inductor | 0201 | 3.9nH | +/-0.1nH | 1 |
| Inductor | 0201 | 0.7nH | +/-0.1nH | 1 |
| Inductor | 0603 | 2.2uH | +/-20% | 1 |
| TOTAL INDUCTANCE | | 2.20uH | | |
| Resistor | 0201 | 0ohm | N/A | 1 |
| Ferrite bead | 0201 | DCR 0.38ohm, 240ohm @ 100MHz | N/A | 2 |
| Inductor | 0603 | DCR 0.470ohm | N/A | 1 |
| TOTAL RESISTANCE | | 1.23 ohm | | |
| Capacitor | 0402 | 4.7uF | +/-10% | 2 |
| Capacitor | 0402 | 2.2uF | +/-10% | 1 |
| Capacitor | 0201 | 0.01uF | +/-10% | 1 |
| Capacitor | 0201 | 12pF | +/-2% | 4 |
| Capacitor | 0201 | 18pF | +/-5% | 1 |
| Capacitor | 0201 | 1.7pF | +/-0.1pF | 1 |
| Capacitor | 0201 | 1.3pF | +/-0.1pF | 1 |
| Capacitor | 0201 | 0.1uF | +/-10% | 4 |
| Capacitor | 0201 | 1uF | +/-10% | 1 |
| TOTAL CAPACITANCE | | 13.01uF | | |

- The maximum TX power is 9 dBm.
- The maximum current is less than 14 mA.