

元器件清单

| 序号 | 元件位号 | 名 称 | 型号规格 | 封 装 | 厂 商 | 单台用量 | 备注 |
|----|------------------------|---------------|------------------------------|---------------------|----------------|------|-----------------------------|
| 1 | L3, R2 | 0R | RC0201JR-070RL | R0201 | Yageo | 2 | |
| 2 | R8, R9 | 1KR | RC0201JR-071KL | R0201 | Yageo | 2 | Optional |
| 3 | L2 | 2.7nH | LQP03TN2N7C02D | L0201 | Murata | 1 | RF Part: $\pm 0.2\text{nH}$ |
| 4 | C3, C4 | 1.5pF | GJM0335C1H1R5BB01D | C0201 | Murata | 2 | RF Part: $\pm 0.1\text{pF}$ |
| 5 | C1, C10, C12, C21, C22 | 0.1uF | GRM033R61C104ME18 | C0201 | Murata | 5 | |
| 6 | C7, C8, C9 | 1uF | GRM033R61C105ME15 | C0201 | Murata | 3 | |
| 7 | C15 | 10uF | GRM155R60J106ME44D | C0402 | Murata | 1 | |
| 8 | Y1 | 40M crystal | 7M40000049 E3SB40E000007E | XTAL_3225 | TXC HOSONIC | 1 | Spec: Cload=10(9)pF |
| 9 | CON1 | RF connector | KH-IPEX-K501-29 | U. FL-R-SMT-1 | / | 1 | RF Part |
| 10 | U1 | main chip | GD32W515PIQ6 | QFN56_0707X0.75_0.4 | GigaDevice | 1 | |
| 11 | / | shielding box | / | / | / | 1 | |
| | | | | | | | |
| | | | | | 总数 | 20 | |
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