|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Designator** | **Footprint** | **Comment** | **Quantity** | **备注** |
| C8, C9, C32, C34, C37 | 1206 | 10u | 5 | 注意方向 |
| C11 | 0805 | 2.2u | 1 |  |
| C13 | 0805 | 4.7u | 1 |  |
| C1, C2, C3, C4, C5, C6, C7, C14, C19, C20, C23, C24, C26, C30, C31, C35, C40 | 0603 | 0.1u | 17 |  |
| C12, C17 | 0603 | 1n | 2 |  |
| C15, C16 | 0603 | 8p | 2 |  |
| C18, C28 C10 | 0603 | 10n | 3 |  |
| C21, C22, C39 | 0603 | 1u | 3 |  |
| C25 | 0603 | 2.2n | 1 |  |
| C36 | 0603 | 470p | 1 |  |
| C38 | 0603 | 2.2u | 1 |  |
| D1, D2, D3 | LED | LED | 3 | 注意方向 |
| D4 | 1206 | Diode | 1 | 注意方向 |
| L1, L2, L3, L4, L5 L7, L8 | 0603 | 磁珠 | 7 |  |
| R1, R9, R13, R17, R21 | 0603 | 1K | 5 |  |
| R2, R5, R6, R7, R8 | 0603 | 10K | 5 |  |
| R3, R33 | 0603 | 1.5K | 2 |  |
| R4, R14, R15, R35 | 0603 | 47K | 4 |  |
| R10, R11 | 0603 | 270R | 2 |  |
| R12, R16, R18, R19, R20, R22, R23 | 0603 | 220 | 7 |  |
| R24 | 0603 | 200K | 1 |  |
| R25 | 0603 | 470K | 1 |  |
| R26, R27 | 0603 | 100R\*4 | 2 | 纸带里 |
| R28 | 0603 | 47K\*4 | 1 | 纸带里 |
| R29, R30 | 0603 | 330K | 2 | 纸带里 |
| R31, R32 | 0603 | 22R | 2 |  |
| R34 | 0603 | 27K | 1 |  |
| U1 | LQFP64\_N | AT91SAM7S256 | 1 |  |
| U2 | SOT230 | LM1117N33 | 1 |  |
| U3 | LGA | MPU | 1 | 9150，6050，6000三块板各一种 |
| U5 | 8S2 | EEPROM | 1 |  |
| U8 | S5 | MIC5207LE33 | 1 |  |
| U10 | - | MS5611 | 1 |  |
| USB | - | micro\_usb | 1 |  |
| X1 | - | Oscilator | 1 | 两种方向均可 |
| Q1 | SOT23 | ZXM61P02F | 1 |  |
| SW1 | switch | Push Button | 1 | 两种方向均可 |
| microSD | SD\_Connector | SD Connector | 1 |  |
| GPIO | 2.54mm | 3\*7 P | 1 |  |
| MOTORS | 2.54mm | 3\*4 P | 1 |  |
| ERASE, TST | 2mm | 1\*2 P | 2 |  |
| JTAG | 2.54mm | 2\*4 P弯针 | 1 |  |
| ADC | 1.25mm | 2P | 1 |  |
| COMPASS，XBEE | 1.25mm | 4P | 2 |  |
| GPS | 1.25mm | 6P | 1 |  |



