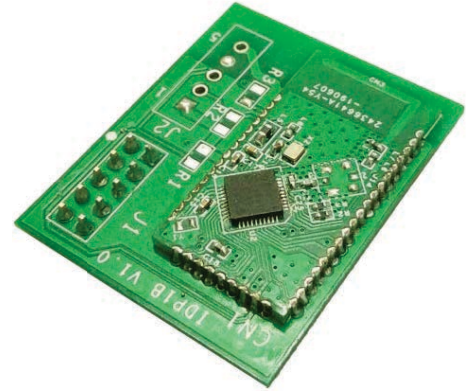


BLE MODULE

FEATURES

- Bluetooth Low Energy (5.0) compliant
- Supports Bluetooth low energy GAP central and peripheral mode
- Internal RAM for application code, data patches
- Integrated oscillator feedback circuit
- CortexM0 CPU with up to 32MHz integrated
- Operational Voltage: 1.8V to 3.6V
- Auto Advertise Function
- BLE TX peak power consumption: 11.0mA (@8dBm)
- BLE RX peak power consumption: 5.1mA
- Deep sleep mode: 50nA (@3.0V)
- Transmitter Output Power: +8dBm to -40dBm (+8, +7, +6, +4, 0, -6, -20, -40dBm)
- RX Sensitivity: (1Mbps): -95.6dBm*, (125Kbps): -105.2dBm*
- Operating Temperature Range: -40°C to 125°C
- Profiles: High Level API access to embedded GATT (Generic Attribute Profile) and SM (Security Manager)
- Interfaces: UART (2 channels), SPI (2 channels), I2C (2 channels), PWM output (4 channels), ADC (5 channels), GPIO (18 ports)
- Single Wire Debug (SWD) interface



Remarks: * Specification are subject to change without notice.
Image shown are just indicative