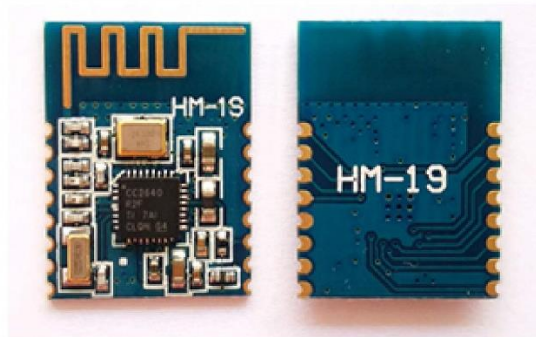


HM 19 Bluetooth Module



Type: HM-19
Size: 13 * 18 * 2.2 mm
BT Version: V4.2 BLE & V5.0
Firmware: V120
Status: In production

Product Parameters:

- BT Version: Bluetooth Specification V4.2 BLE
- Send and receive no bytes limit.
- Working frequency: 2.4GHz ISM band
- Modulation method: GFSK (Gaussian Frequency Shift Keying)
- RF Power: -18dbm ~ 3dbm, can be modify through AT Command AT+POWE.
- Speed: Asynchronous: 1-8K Bytes
- Synchronous: 1-8K Bytes
- Security: Authentication and encryption
- Service: Central & Peripheral
- FFE0 is service UUID (could modify by AT+UUID command)
- FFE1 is Char1 UUID (could modify by AT+CHAR command)
- Default property: Read, Write Without Response, Notify Property could modify by AT+RESP command
- FFE2 is Char2 UUID (Could open by AT+FFE2 command)
- If you use AT+CHAR command to change Char1 value, then Char2 value will be Char1 value + 1.
- Power: +1.9~5.5 VDC 50mA
- Long range: Open space have 100 Meters range
- Power: Low Power Mode 50uA~500uA, Standby mode 6mA, Active mode 10mA.
- Working temperature: -40 ~ +85 Centigrade
- Size: HM-18 27mm * 13mm * 2.2 mm
- Size: HM-19 18mm * 13mm * 2.2mm