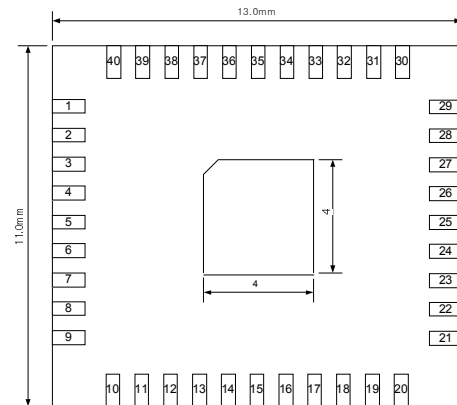


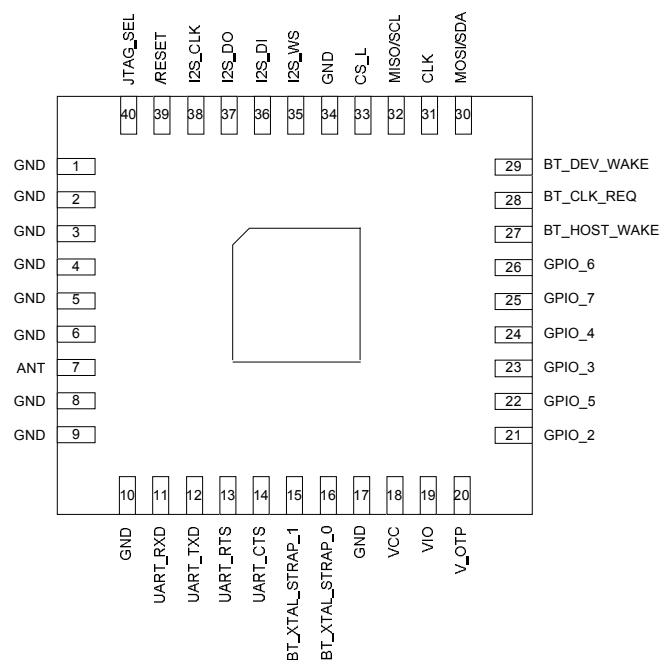
Product Feature

- Complies with Bluetooth Core Specification Version 4.1 + HS with provisions for supporting future specifications
- Bluetooth Class 1 or Class 2 transmitter operation
- Supports extended synchronous connections (eSCO), for enhanced voice quality by allowing for retransmission of dropped packets
- Adaptive frequency hopping (AFH) for reducing radio frequency interference
- Interface support for high-speed UART interface and PCM for audio data
- Supports Broadcom proprietary 2 Mbps low energy mode.
- Ultra-low power consumption
- Supports serial flash interfaces
- Supports mobile and PC applications without external memory



Brief Specification

- Size : 13mm X 11mm X 1.9mm
- Chipset : BCM20706
- Integrated 20MHz
- BT : Tx 10dBm, Rx -90dBm
- Operating Conditions
 - Supply Voltage : Typ 3.3V, Min 3.0V ~ Max 3.6V
 - Temperature Range : -30 ~ +85 °C
- BT Interface : UART, PCM, I2S



Product Applications

- Home automation gateways, audio streaming, and other home automation use cases
- Bluetooth 4.1 embedded peripheral devices and accessories
- Personal digital assistants

