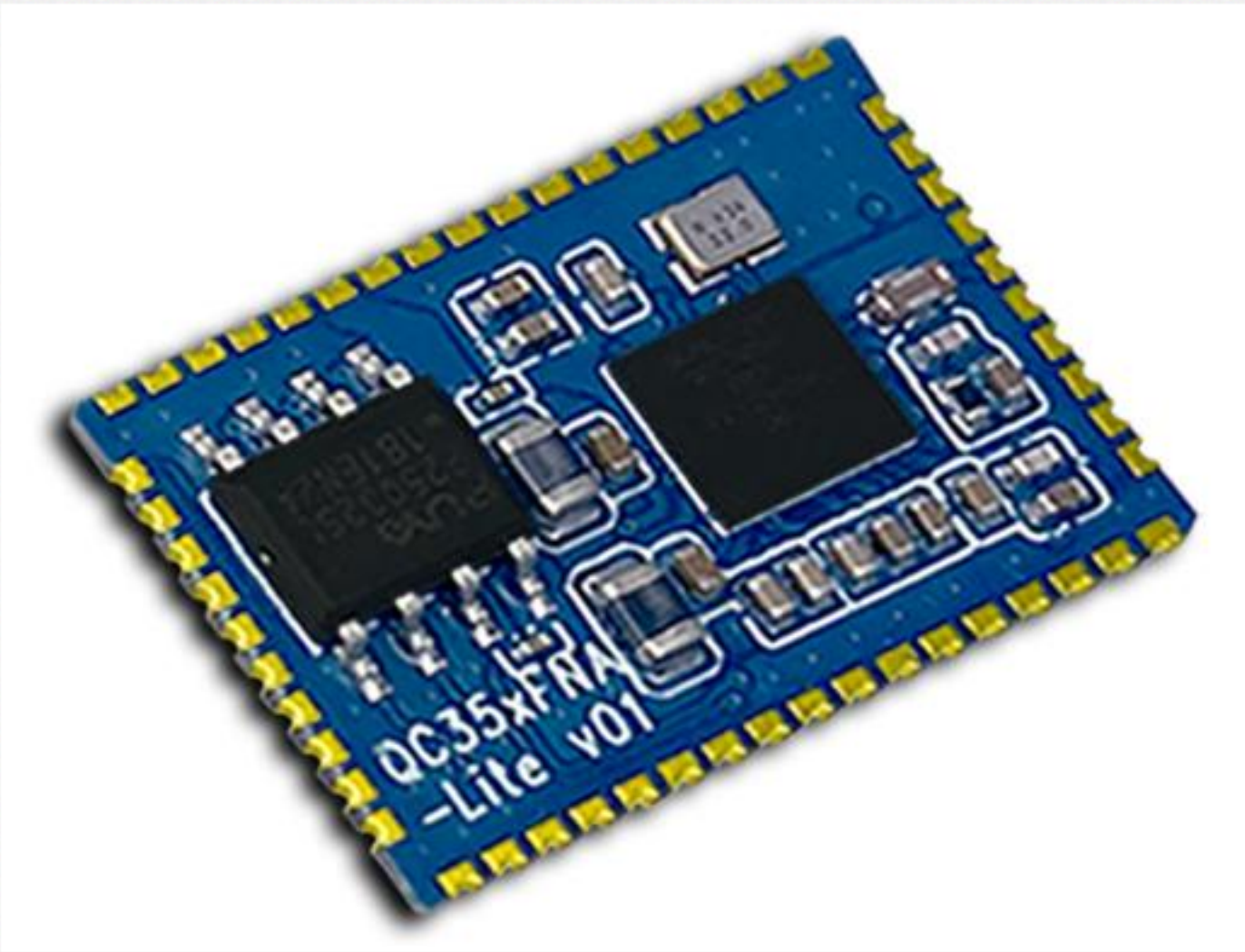


QC356FNA



Qualcomm QCC3056 based Bluetooth 5.2 LE and Classic dual-mode module with on-module flash for complete audio and data application firmware programming. Support Bluetooth Smart LE GATT data transfer for smartphone app control. External antenna required.

ANTENNA TYPE	External
CHIPSET	QCC3056
STANDARD COMPLIANCE	Bluetooth 5.2
MEMORY	32/64Mbit Flash
AUDIO	<ul style="list-style-type: none">• PCM, I2S digital audio input interface• High-performance mono audio DAC• 2 ADC channels for analog input• USB Audio Class
HANDSFREE	YES
DIMENSIONS	18 x 13.0 x 2.3 mm
SHIELDING	NO
APPLICATIONS	<ul style="list-style-type: none">• TVs and home entertainment systems• TWS earbuds• USB audio dongles• Audio transmitters• Bluetooth helmets• Two-way radio and walkie-talkie• Unified Communication devices• Wired/wireless headphones for music/gaming• VoIP handsets• Professional audio systems
FEATURES	<ul style="list-style-type: none">• BLE GATT for smartphone app control• Dual core 32-bit application processor• Dual core 120MIPS Kalimba DSP• LED drivers, I2C, UART and PIO interfcaes• Ultra low power consumption• Integrated battery charger• CVC Echo Cancellation and Noise Supression• Support aptX HD, aptX Adaptive, aptX Voice• Support FF/FB/Hybrid Active Noise Cancellation• Support forthcoming Bluetooth LE audio

CATEGORY:

- Bluetooth Audio