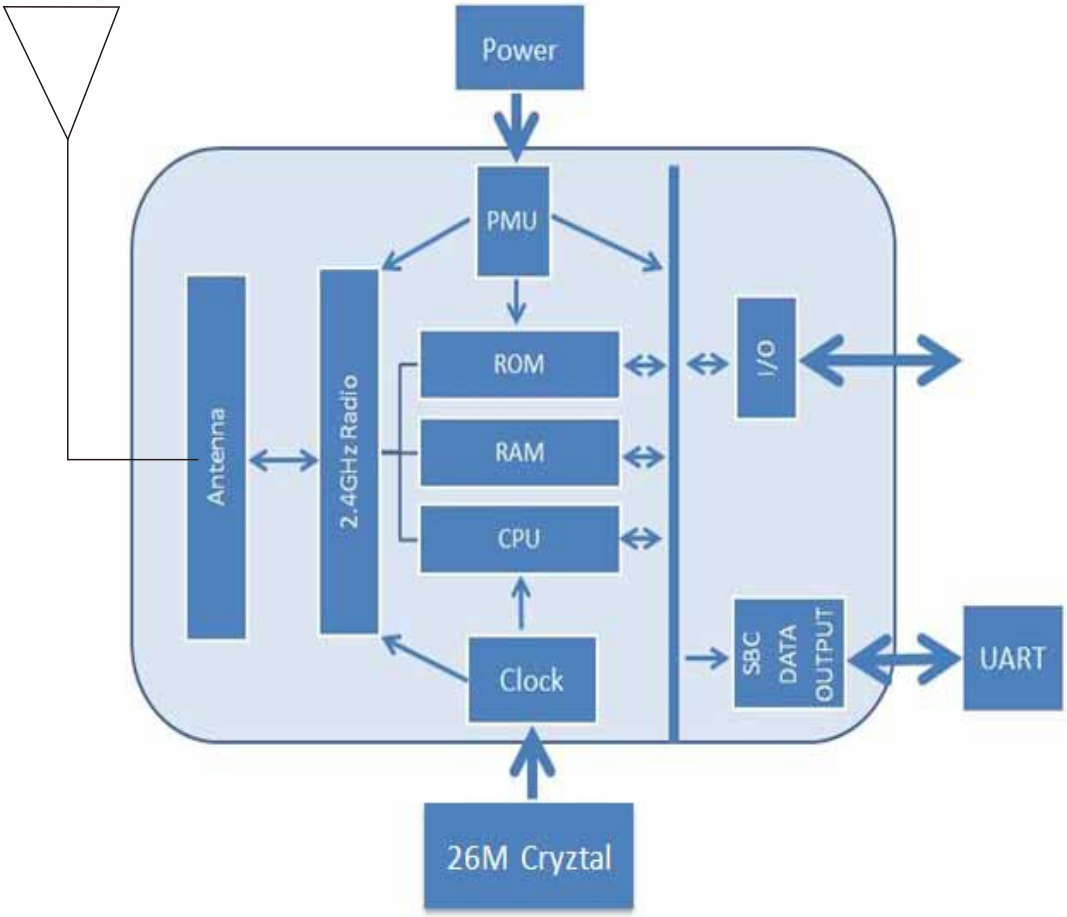
Operation Description

2402-2480MHz



APB8202 CW6638 is a fully functional and high-performance Bluetooth module designed for Bluetooth hands-free calls. It is the perfect combination of the Buildwin Bluetooth IC and audio decoder IC to perform the Bluetooth audio player features and Bluetooth speakerphone function. The module is based on CLASS 2 power level, using the Bluetooth 2.1 + EDR specification, and compatible with Bluetooth 3.0 and below. It supports 16-bit DAC audio output with low output noise. In addition, it also has echo cancellation function to make a perfect call quality.

Using a standard Bluetooth radio system in the 2.4GHz ISM band, based on the RF chipset CW6638 which is derived by crystal 26MHz and controlled by the MCU APM03X. Highly integrated single-chip IC with radio transceiver and baseband Processor, which is compliant with Bluetooth 2.1+EDR specification