



Microchip partners with CandleDragon to offer the dotstack™ Bluetooth® Stack to support the development for 16/32-bit PIC MCUs and dsPIC DSCs.

The Microchip Evaluation Kit for adding Bluetooth® wireless technology is an expansion board used for evaluating and adding Bluetooth® wireless technology on 16/32-bit PIC MCUs and dsPIC DSCs.

The Evaluation Kit consists of the PICtail™ Plus Daughter Board and PIC24FJ256GB110 and PIC32MX USB Plug-in Modules with pre-programmed CandleDragon dotstack™ Bluetooth® Stack with SPP (Serial Protocol Profile). This kit requires an [Explorer-16 Development Board](#) to complete the board configuration.

Main Features:

- Supports a wide range of PIC24, dsPIC and PIC32
- Communicates with PIC24, dsPIC and PIC32 over HCI UART at 115Ksps
- On-board Class 2 Roving Networks Bluetooth® module
 - Fully qualified Bluetooth® 2.1/2.0/1.2/1.1 module
 - Bluetooth® v2.1+EDR support
 - Bluetooth® SIG Qualified
- On-board ceramic RF chip antenna
 - Certifications: FCC, ICS, CE
 - RoHS compliant

Please go to Microchip [Bluetooth Design Center](#) for additional information.