



Part Number : DM240315-2

Remote Control Demo Board with ZENA Wireless Adapter



RF based Remote Controls are becoming more prevalent as they enable non line-of-sight and provide bi-directional communication. A high-end remote control typically has a graphics display, a number of keys and a radio to communicate with the target devices.

Microchip's Remote Control Demo Board (Part # DM240315-2) integrates Graphics, mTouch, USB and RF4CE into a single demo. The board demonstrates a remote populated with PIC24FJ256DA210 MCU, 3.5" Graphical TFT LCD with resistive touch screen, capacitive touch keys with plastic overlay, MRF24J40 2.4 GHz transceiver and ZENA™ wireless Adapter.

KEY FEATURES:

- Integrates [Graphics](#), [mTouch](#), [USB](#) and [RF4CE](#)
- Stylish and Modern User Interface with colorful 3.5" QVGA graphical display, resistive touch screen and mTouch keys
- Low cost Graphics and high integration with PIC24F "DA" family
- Simple hardware layout
- MRF24J40MA - A 2.4 GHz IEEE 802.15.4 radio transceiver
- ZENA™ wireless Adapter
- Wireless Remote Control Utility that runs on the target computer.