



PIC24 MCU Support for ATWINC15x0 Wi-Fi Network Controller

WINC1500 host drivers and code examples are available for the [PIC24 MCU](#) families in the [Microchip Libraries for Applications \(MLA\)](#). Make use of the large flash size, low power and small package footprint available on many PIC24F families including:

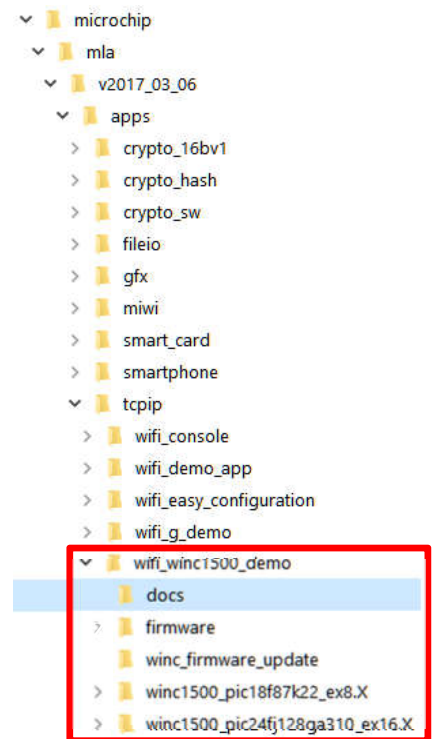
- [PIC24FJ1024GB610](#)
- [PIC24FJ256GA705](#)
- [PIC24FJ128GA310](#)
- [PIC24FJ128GB204](#)

Key features of PIC24 MCUs for IoT nodes:

- Retention Sleep current down to 190nA for extended battery life
- Large memory up to 1 MB ECC Flash and 32 KB RAM to store application firmware, secure crypto library and cloud connectivity stack
- Live firmware update capability
- Secure boot with OTP Flash for immutable bootloader

Install and Get Started with MLA

- Download the latest version of [MLA Installer](#)
- Run the installer and select “TCPIP Demo Projects” as the component to install
- The default location of source file source files is: C:\microchip\mla\v2017_03_06\apps\tcpip\wifi_winc1500_demo\
- The docs folder provides the “Getting Started Guide” for the code examples and the User Guide for the host driver



Location of Host Stack and Examples for ATWINC15x0 in MLA File Structure