Release Notes for Wi-Fi Software 1.0.0

Contents

1 Introduction

ADI Wi-Fi Software 1.0.0 package contains documentation and software for using the ADuCM3029 ultra low-power microcontroller with the ESP8266 Wi-Fi radio. This software package acts as a library that can be used with any platform containing the ADuCM3029. The software is delivered in the form of a CMSIS PACK file, allowing all necessary Wi-Fi Software source files and include paths to be easily added to a user project by simply selecting PACK components.

This software is used in Board Support Packages for other hardware platforms. These hardware platforms are listed below.

2 Required Software

2.1 CrossCore Embedded Studio

To use the Wi-Fi Software, you must first obtain and install,

- CrossCore Embedded Studio 2.6.0
- ADuCM302x Device Family Pack 2.0.0

3 Release Testing

3.1 CrossCore Embedded Studio

The BLE Software has been tested with the following hardware platforms,

Board	Emulator
EVAL-ADICUP3029	CMSIS-DAP

4 License Checking

Use of the Wi-Fi software is subject to the Software License Agreement presented during installation.

5 Release Content

This release contains the following sets of components:

- Wi-Fi software targeting the ADuCM302x
- Common communication utilities used to assist with creating Wi-Fi applications
- Associated documentation

5.1 Location

The BLE Software package will be installed into the below directory under targeted development environment:

CCES	`<cces_root>\ARM\PACK\AnalogDevices\ADI-WifiSoftware\1.0.0`

5.2 Directory Information

Directory	Description
Source/communication /wifi	Wi-Fi software source files
Source/communication /common	Common communication utility source files
Include/communication /wifi	Wi-Fi software include files
Include/communication /common	Common communication utility header files
Documents/	Wi-Fi software documentation
License	Wi-FiSoftware license agreement

5.3 Contacting Technical Support

You can reach Analog Devices software and tools technical support in the following ways:

- Post your questions in the software and development tools support community at EngineerZone®.

- E-mail your questions about processors and processor applications to processor. support@analog.com.

- For Greater China, Processors and DSP applications and processor questions can be sent to: processor.china@analog.com.

- Submit your questions to technical support directly via http://www.analog.com/support.

- Contact your Analog Devices sales office or authorized distributor.

6 Known Issues

For the latest anomalies please consult our Software and Tools Anomalies Search page.