

Windows Embedded CE Wireless Solutions

Reference Drivers for Texas Instruments WL1271 Single-Chip



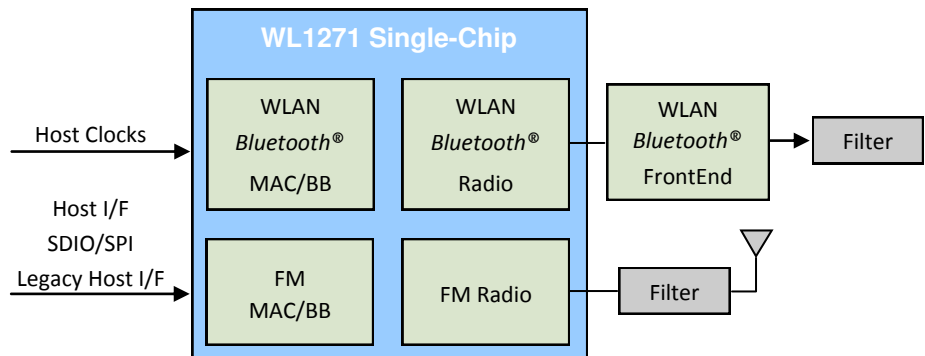
Adeneo Embedded provides Windows Embedded CE reference drivers enabling manufacturers to ease and speed up integration of the Texas Instruments WL1271 chip into their design.

The WL1271 platform is the most accurate economical solution for small devices requiring WLAN, Bluetooth® and FM capabilities at the same time, and running on Windows Embedded CE 6.0 R3.

Overview

Supported features

- ✓ WIFI networks
 - ◆ Open, WEP, WPA-PSK (TKIP), WPA2-PSK (AES)
 - ◆ 802.11 a/b/g/n
- ✓ Bluetooth profiles
 - ◆ SDP, SSP, OPP, FTP, DUN, PAN and AD2P
- ✓ WLAN and Bluetooth coexistence



Collaboration Advantages to End-users

- ✓ Combination of TI WL1271 set of features with Adeneo Embedded reference drivers allows securing robustness and reliability of design as well as cost reduction
- ✓ Documentation, validation and packaging of the drivers ensuring smooth and efficient integration into custom design
- ✓ Adeneo Embedded provides support and maintenance of the reference solution as well as additional services to help securing design success and time-to-market

Three Benefits for System Integration

- ① Chip can be adapted with a large TI's products portfolio including OMAP35x, DM37x and AM37x processors
- ② Easy design adaptation, reduced development cost, and optimized time-to-integration into the dedicated device Board Support Package with the reference driver for Windows Embedded CE 6.0 R3
- ③ Reliable driver thanks to the Adeneo Embedded Quality Assurance Testing process using CE Test Kit provided by Microsoft, and integrating performance testing, stress testing, documentation and code review

Sales Conditions

Adeneo Embedded is the official distributor of the Windows Embedded CE 6.0 R3 reference drivers for the Texas Instruments WL1271 single-chip. Customers can choose between:

« **Fully** » **Packaged Version**: “fully packaged” version of the drivers, which is based on M4 wireless firmware, and integrated only on OMAP35x architecture with previous version of the reference BSP.

Newest Version: updated version of the drivers developed for Texas Instruments that integrates the following enhancements:

- ♦ Migration of the drivers to the latest version of the Windows Embedded CE 6.0 BSPs for OMAP/Sitara architecture, which integrates support for Cortex-A8 platforms including OMAP35x, AM3-5x, AM37x and DM37x;
- ♦ Integration of the latest wireless firmware (“M6” version) which is the one recommended by Texas Instruments for production usage.

	« Fully » Packaged Version	Newest Version
Conditions	These drivers are available free of charge from our website ⁽¹⁾ , and you don't have to pay any fee for using it	Since these drivers are not packaged and initially intended for internal use, you need to secure at a minimum a dedicated support contract with us so that we can disclose you the access. In this case, we can provide you with the new drivers with no extra cost than the one associated to support contract and/or adaptation services from Adeneo Embedded
Type of usage	Prototype	Recommended by TI for production usage

To download the drivers from our website: <http://www.adeneo-embedded.com/en/Products/Application-Middleware/TI-WL1271-Driver>

Get more details on our Support Contracts: <http://www.adeneo-embedded.com/en/Products/Packaged-Services/Technical-Support-Contracts>

About Adeneo Embedded

For over 10 years, we provide system integration, support and training services to worldwide embedded device manufacturers. We have earned experience and expertise for embedded device projects, incorporating software and hardware solutions based on leading embedded operating system including Windows Embedded Compact 7.

We have also built strong partnerships with Silicon Vendors and Board Manufacturers allowing customers to secure their design and speed-up time-to-market with a wide range of ready-to-use reference BSPs

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