Bluetooth Wearable Watch development system with Analog & Digital display Status: ACTIVE

MSP-WDS430BT1000AD

Description/Features Technical Documents Support & Community Order Now

Description

The Meta Watch is intended for product developers, and is not considered a consumer product.

Before ordering the Meta Watch, please review this forum thread for information regarding devices that connects with Meta Watch – as of today, the iPhone is not supported.

In addition, for support questions, please visit the Meta Watch online community.

MetaWatch is a wearable development system that enables rapid development of 'connected-watch' applications. With Meta Watch, developers can quickly and easily extend the interfaces of devices and applications to the wrist. The Meta Watch platforms utilize embedded *Bluetooth*® technology to connect to smartphones, mobile devices and other *Bluetooth* enabled devices. For support and complete information, visit www.metawatch.org.

This digital+analog Meta Watch platform is based on the MSP430F5438A MSP430™ ultra-low-power microcontroller and CC2560 *Bluetooth* host controller solution from Texas Instruments Incorporated (TI).

The digital+analog Meta Watch kit features:

A great looking watch
An easy-to-use *Bluetooth* enabled wearable development system
Fully-tooled; production-ready modules with FCC, CE certification
Stainless steel case
Leather strap
Water-resistant (3 ATM)
Mineral crystal lens
Vibrating motor
Three-axis accelerometer
Ambient light sensor
Dual OLED Displays
Analog Hands
3 Buttons
Includes programming /charging clip & USB cable
Ability to easily program through external clip & cable; no need to open watch
Supports open source projects that support both CCS (Code Composer Studio) and IAR tool chains

The Meta Watch Embedded SDK features:

Add your own thread to the watch for special functions
Use the Meta Watch low-power application framework
No need to open the watch for in-circuit debugging
Uses TI SPI-BY-Wire
Leverage the *Bluetooth* radio and remote protocol for communication
Sample code which is an Open Source Android SDK project demonstrating watch connectivity to an Android phone. The project demonstrates watch idle screen use as well as notifications for: CallerID, SMS messages, alarms, calendar events, music control, email and IM.

Benefits:

Meta Watch is a fully-tooled production unit which lowers the barrier to market entry
As a development platform it allows users to create custom wearable applications
Bluetooth technology allows connection to over 3 billion + *Bluetooth* devices in the market
Freely available source example code allows for easy development
Meta Watch community with forums, documentation and links to sample code

What's Included:

The MSP-WDS430BT1000AD also comes with

Stainless steel case; mineral crystal lens; leather strap
Programming/charging clip & micro USB cable

Support and More Information

Bluetooth Wearable Watch development system with Analog & Digital display - MSP-WDS430BT1000AD

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Part Number	Texas Instruments	Status	Price (US$)
MSP-WDS430BT1000AD: Bluetooth Wearable Watch development system with Analog & Digital display	TI eStore	ACTIVE	

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