▼ Worldwide (In English)

Bluetooth Wearable Watch development system with Digital display Status: ACTIVE

MSP-WDS430BT2000D

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.

Meta Watch 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 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 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
   96x96 Dot Matrix Display - Highly Reflective; easily read in direct sunlight
   6 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-WDS430BT2000AD also comes with:

   One digital display watch with stainless steel case; mineral crystal lens; leather strap preprogrammed to connect to an Android device out of box
   Programming/charging clip & micro USB cable

 Support and More Information

Bluetooth Wearable Watch development system with Digital display - MSP-WDS430BT2000D

Order Now

Part Number	Texas Instruments	Status	Price (US$)
MSP-WDS430BT2000D: Bluetooth Wearable Watch development system with Digital display	TI eStore	ACTIVE	

Related Products

TI Design Kits, Boards & Tools

Name	Part Number	Tool Type
Bluetooth Wearable Watch development system with Analog & Digital display	MSP-WDS430BT1000AD	Development Boards/EVMs

Support and Community

Customer Tags ❓

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