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CC1125 Development Kit

(ACTIVE) CC1125DK


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Key Document

- 
[CC1125DK Quick Start Guide](#) (PDF 1228 KB)
 27 Mar 2012 463 views
 - 
[CC112x Software Examples \(Rev. D\)](#) (ZIP 437 KB)
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CC1125 Development kit

Description

The CC1125 development kit provides a complete hardware performance testing and software development platform for TI's Sub-1 GHz Performance Line devices and CC1125 specifically. The development kit comes with a pre-programmed packet error rate test. RF range and robustness can be tested with different RF settings, and power consumption can be measured easily. This kit is designed for the 869.2-869.25 MHz frequency band and ETSI Cat 1 compliance. Additional Evaluation Module Kits can be purchased separately to support other frequencies.

The kit includes the SmartRF Transceiver Evaluation board (TrxEB), which has a number of useful features for development of prototype software, as well as USB connectivity making it possible to connect the board to a PC and control the radio from SmartRF Studio. In short, the TrxEB includes

- MSP430F5438 MCU
- USB interface
- 128 x 64 dot matrix LCD
- 3 axis digital accelerometer
- Ambient light sensor

The [software examples](#) provided with the kit can be used as a basis for working with the Transceiver Evaluation Board and the connected radio.

Features

Kit contents:

- 2 x SmartRF Transceiver EB (TrxEB)
- 2 x CC1125EM 869 MHz
- 2 x Pulse Antennas
- 1 x MSP430 Debug Probe (FET)
- 2 x Micro USB Cables
- 1 x Standard USB Cable
- 1 x 14-pin Flat Cable
- 4 x 1.5 Volt AA Batteries
- Documentation

Order Now

Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status
CC1125DK: CC1125 Development Kit	\$299.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE

TI's Standard Terms and Conditions for Evaluation Modules apply.

Technical Documents

Application Notes (2)

Title	Abstract	Type	Size (KB)	Date	Views
DN510 -- CC112X RSSI and CS Response Time	Read Abstract	Multiple Files		05 Dec 2012	420
AN103 -- Basic RF Testing of CCxxx Devices	Read Abstract	PDF	596	08 Aug 2011	4,461

User Guides (2)

Title	Abstract	Type	Size (KB)	Date	Views
TrxEB RF PER Test Software Examples User's Guide (Rev. B)		PDF	1864	02 May 2013	956
SmartRF Transceiver Evaluation Board User's Guide (Rev. A)		PDF	3489	10 Feb 2012	789

More Literature (1)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
CC1125DK Quick Start Guide		PDF	1228	27 Mar 2012	463	✓

Related Products

Software (2)

- [CC112x Software Examples \(Rev. D\)](#)
(ZIP, 437 KB) 1410 views, 11 Apr 2014
- [TrxEB RF PER Test Software \(Rev. C\)](#)
(ZIP, 571 KB) 1156 views, 29 Oct 2013

Development Tools (1)

Name	Part Number	Tool Type
SmartRF Studio	SMARTRFTM-STUDIO	Calculation Tools

Reference Designs (1)

Name	Part Number	Tool Type
CC1125EM 868MHz ETSI Cat 1 Reference Design	CC1125EM-CAT1-868RD	Reference Designs

TI Devices (1)

Part Number	Name	Product Family
CC1125	Ultra-High Performance RF Narrowband Transceiver	Wireless Connectivity

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Training & events

Name	Type	Available During
SimpleLink™ Wi-Fi CC3100 and CC3200 Project 0 Series - 5 Part Series Learn about using Software Tools for SimpleLink™ Wi-Fi CC3100 Boosterpack and CC3200 Launchpad	On-Line Training	On Demand
TI-RTOS Update Learn about the latest TI-RTOS features and more in-depth understanding of this TI software tool.	On-Line Training	On Demand
Designing with Ultra Low Power Segmented Displays Learn about designing Ultra-low Power Segmented Displays and MSP430	On-Line Training	On Demand

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