

- Contact Us
- |
- TI Worldwide: United States
- |
- my.TI Login

Products

- Amplifiers & Linear
- Clocks & Timers
- DSP - Digital Signal Processors
- Data Converters
- Interface
- Logic
- Microcontrollers (MCU)
- Power Management
- Processors
- RFID
- Systems
- RF/IF & ZigBee@ Solutions
- Switches & Multiplexers
- Standard Linear
- Temperature Sensors & Monitoring
- > See All
- Applications**
- Audio
- Automotive
- Broadband
- Communications & Telecom
- Computers & Peripherals
- Consumer Electronics
- Industrial
- Medical
- Space, Avionics, & Defense
- Security
- Video & Imaging
- Wireless
- > See All
- Design Support**
- Technical Documents
- KnowledgeBase
- Contact Technical Support
- Quality & Lead-Free Data
- Training
- TI Developer Conference
- Analog eLab™
- Design Center
- > See All
- Sample & Buy**
- Pricing & Availability
- Samples
- TI eStore
- Semiconductor Distributors
- Sales Representatives
- > See All

Search by Keyword Search by Part Number

All Searches [TI Home](#) > [Semiconductors](#) > [RF/IF and ZigBee@ Solutions](#) > [Low Power RF ICs](#) > [Sub 1-GHz](#) >

CC1110 and CC1111 Development Kit Status: ACTIVE

CC1110-CC1111DK

Alert me about changes to this product

- Description
- Features
- What's Included
- Order Options
- Support Software
- Available Updates
- Technical Documents
- Related Products
- Support & Community

> View the CC1111 Low-Power RF SoC Video Cast

	CC1110-CC1111DK
Name	CC1110 and CC1111 Development Kit
Status	ACTIVE
Price (US\$)	\$649.00
	Order Options
	Order Online

Product Information

Description

The development kit is designed to help the user to achieve his/hers objectives as quickly as possible.

Evaluate the CC1110Fx and CC1111Fx

Right out of the box, the user can do range testing (PER testing) between two development boards with or without using a PC. This enables the user to quickly find out how well the CC1110Fx fits the intended application. A number of demonstration applications serve to highlight the innovative features of the SmartRF@04 ICs.

Perform RF measurements

Using SmartRF@ Studio, the user can configure the radio ICs with parameters that suit the intended application and easily measure sensitivity, output power and other RF parameters.

Develop a prototype

By programming the CC1110Fx and utilizing the various peripherals included on the Evaluation Board, the user can easily make a prototype of the intended application. All signals are brought out on 0.1 pin-row connectors so easy connection of other required circuitry is possible. These connectors are also compatible with Agilent logic analyzer probes for easy debugging.

Features

A complete development kit can be used to evaluate both 433 MHz and 868/915 MHz operation and contains:

- 2 SmartRF@04 evaluation boards
- 2 CC1110EM 433 MHz evaluation modules
- 2 CC1110EM 868/915 MHz evaluation modules
- 1 CC1111EM 868/915 MHz USB dongle
- Antennas
- Cables
- Technical documentation and the SmartRF@ Studio software can be downloaded from the web. The SmartRF@04 evaluation boards connect to a PC via USB, and can also operate stand-alone
- IAR EW8051 C-compiler with C-SPY debugger (30+30 days evaluation license.) The CC1110 and CC1111 is supported by the IAR EW8051 C-compiler. The C-SPY debugger is used as emulator interface. Both the C-compiler and the C-SPY debugger are included in the development kit as 30 days evaluation licenses. By registering the compiler with IAR, a 30 day extension of the license will be given.

Support Software

- CC1110/CC2510 Example Software (Rev. A)** (swrc085a.zip, 285 KB)
09 Apr 2008 [zip](#)
- Texas Instruments Flash Programmer 1.5.0 (Rev. E)** (swrc044e.zip, 7685 KB)
02 Jan 2008 [zip](#)
- RFUSB library for CC2511/1111** (swrc088.zip, 1303 KB)
25 Oct 2007 [zip](#)

Order Options

	CC1110-CC1111DK
Name	CC1110 and CC1111 Development Kit
Status	ACTIVE
Price (US\$)	\$649.00
	Order Online

Order	<p>Americas: Contact Distributor Contact Sales Rep Contact TI</p> <p>Asia: Contact Distributor Contact Sales Rep</p> <p>Europe: Contact Distributor Contact Sales Rep Contact TI</p> <p>Japan: Contact Distributor Contact Sales Rep</p>
-------	--

Technical Documents

User Guides

- CC1110-CC1111DK Quick Start** (swru135.pdf, 3075 KB)
19 Dec 2007 [Download](#)
- CC1110DK/CC2510DK -- Development Kit User Manual (Rev. A)** (swru134a.pdf, 1517 KB)
14 Dec 2007 [Download](#)
- CC1110EM_315MHz Reference Design 1.2** (swrr050.zip, 389 KB)
11 Sep 2007 [zip](#)
- CC1110EM 433MHz Reference Design 1.2** (swrr047.zip, 385 KB)
11 Sep 2007 [zip](#)
- CC1111USB868-915 Reference Design** (swrr049.zip, 420 KB)
30 Aug 2007 [zip](#)
- IAR IDE User Manual** (swru038.pdf, 409 KB)
30 Jan 2006 [Download](#)

Application Notes

- DN300 -- SmartRF@04EB Troubleshooting (Rev. A)** (swra105a.htm, 8 KB)
17 Apr 2007 [Abstract](#)

More Literature

- Important Notice for Users of this Product in Japan** (swrz026.pdf, 346 KB)
13 Feb 2008 [Download](#)

Related Products

Related Tools			
Name	Part#	Company	Tool Type
Battery Board for System-on-Chips	SOC-BB	Texas Instruments	Development Boards/EVMs
CC1110 Evaluation Module 433MHz	CC1110EMK433	Texas Instruments	Development Boards/EVMs
CC1110 Evaluation Module 868-915MHz	CC1110EMK868-915	Texas Instruments	Development Boards/EVMs
CC1111EMK868-915 Evaluation Module Kit	CC1111EMK868-915	Texas Instruments	Development Boards/EVMs
SmartRF Studio Download	SMARTRFM-STUDIO	Texas Instruments	Development Boards/EVMs
SimpliciTI Network Protocol	SIMPLICITI	Texas Instruments	Free Evaluation Tools
Related Devices			
Part#	Name	Product Family	
CC1110F16	Sub-1GHz System-on-Chip with MCU and 16kB Flash memory	Low Power RF ICs	
CC1110F32	Sub-1GHz System-on-Chip with MCU and 32kB Flash memory	Low Power RF ICs	
CC1110F8	Sub-1GHz System-on-Chip with MCU and 8kB Flash memory	Low Power RF ICs	
CC1111F16	Sub-1GHz System-on-Chip with MCU, 16kB Flash memory and USB 2.0	Low Power RF ICs	
CC1111F32	Sub-1GHz System-on-Chip with MCU, 32kB Flash memory and USB 2.0	Low Power RF ICs	
CC1111F8	Sub-1GHz System-on-Chip with MCU, 8kB Flash memory and USB 2.0	Low Power RF ICs	

Support and Community

Customer Tags

No Tags are Available for this Part Number

Create a Tag

Other Support

- KnowledgeBase
- Contact Technical Support
- Training

[Products](#) | [Applications](#) | [Design Support](#) | [Sample & Buy](#)

[TI Worldwide](#) | [About TI](#) | [Contact Us](#) | [Investor Relations](#) | [Press Center](#) | [Corporate Social Responsibility](#) | [Careers](#) | [Tags](#) | [my.TI Login](#) | [All Searches](#) | [Site Map](#)

© Copyright 1995-2008 Texas Instruments Incorporated. All rights reserved. [Trademarks](#) | [Privacy Policy](#) | [Terms of Use](#)