

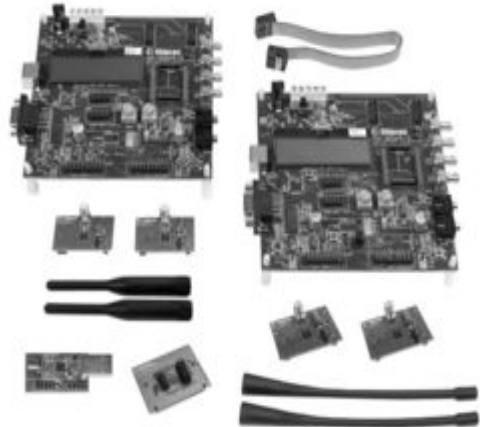
## Texas Instruments - CC1110-CC1111DK - Development Kit

### Product Overview:

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.

### Kit Contents:

- 2 SmartRF04EB
- 2 CC1110EM 433 MHz
- 2 CC1110EM 868-915 MHz
- 1 CC1111 USB dongle 868-915 MHz
- 1 SOC\_DEM
- 2 antennas (433 MHz)
- 2 antennas (868/915 MHz)
- 2 USB cables
- 1 USB extension cable
- 1 10-pin cable

### Key Features:

- 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.

## Ordering Information:

### Products:

Part Number	Manufacturer	Farnell P/N	Newark P/N
CC1110-CC1111DK	TI	NA	64M7649

### Associated Products:

Part Number	Manufacturer	Description	Farnell P/N	Newark P/N
MAX3243EIPW	TI	RS232 3V-5.5V	1755053	34R7993
TPA4411MRTJT	TI	IC, AUDIO PWR AMP, CLASS AB	1697154	43K9722
ST2378ETTR	ST	IC, 8BIT LEVEL TRANSLATOR	NA	89K1689
LP2985AIM5-3.3/NOPB	National	Voltage Regulator IC	1469134	41K6889
XC6204B182MR	Torex	LDO VOLTAGE REGULATOR	3605802	71C2750
C8051F320-GQ	Silicon Laboratories	Microcontroller IC	9685928	80K6691

### Similar Products:

Part Number	Manufacturer	Description	Support Device	Farnell P/N	Newark P/N
CC1110DK-MINI-868	TI	CC1110 Mini Development Kit 868/915 MHz	CC1110	1788794	34R6310
CC1110EMK868-915	TI	CC1110 Evaluation Module 868-915MHz	CC1110	NA	58M0300

## Document List:

### Datasheets:

Part Number	Description	Size
MAX3243EIPW	<a href="#">3-V to 5.5-V Multichannel RS-232 Line Driver/Receiver</a>	737KB
TPA4411MRTJT	<a href="#">80-mW Direct Path(TM) Stereo Headphone Driver</a>	1275KB
ST2378ETTR	<a href="#">level translator</a>	273KB
LP2985AIM5-3.3/NOPB	<a href="#">Low-Dropout Regulator</a>	534KB
XC6204B182MR	<a href="#">High Speed LDO Regulators</a>	2730KB
C8051F320-GQ	<a href="#">32-Pin Mixed-Signal MCU</a>	1430KB

### Application Notes:

File Name	Size
<a href="#">DN300 -- SmartRF04EB Troubleshooting</a>	490KB
<a href="#">DN505 -- RSSI interpretation and timing</a>	129KB
<a href="#">DN509 -- Data Whitening and Random TX Mode</a>	183KB

### Hardware & Software:

File Name	Size
<a href="#">CC USB Firmware Library and Examples</a>	1316MB
<a href="#">CC1110/CC2510 Example Software Supported on IAR Embedded Workbench (Rev. B)</a>	285MB
<a href="#">CC1110, CC2510 Basic Software Examples</a>	546MB
<a href="#">Schematic</a>	-