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# CC1100E Evaluation Module

950MHz **Status:** ACTIVE

CC1100E-EMK950

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	<b>CC1100E-EMK950</b>
Name	CC1100E Evaluation Module 950MHz
Status	ACTIVE
Price (US\$)	\$99.00
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## Product Information

### Description

The CC1100E-EMK950 evaluation kit in combination with two SmartRF04 Evaluation Boards (included in CC2500-CC2550DK, CC2510DK, CC1101DK, CC1110DK, and CC2430DK which has to be ordered separately) enables developers to:

- 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.
- Evaluate the CC1100E. Right out of the box, the user can do range testing (PER testing) and transfer data from one PC to another.
- Develop a prototype. The SmartRF04 Evaluation Board includes a Silicon Labs 8051-core MCU with 16 kB of program memory and 1 kB of data memory. By programming this MCU 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 analyser probes for easy debugging. It is also possible to disconnect the Silicon Labs MCU from the EVM board, and connect a MCU selected by the user to the I/O connectors.

This evaluation kit includes two CC1100E-EM 950 MHz modules and antennas. The CC1100E-EMs are add-on daughter boards that require two SmartRF04 Evaluation boards for evaluation and development.

The CC1100E-EMK can also be used with two MSP430FG4618/F2013 Experimenter Boards for software development, prototyping and testing using the MSP430.

### Features

A complete Evaluation Kit includes:

2 CC1100E 950 MHz evaluation modules which contain:

- CC1100E chip
- Required external components
- 2 Antennas (950 MHz)

## Order Options

	<b>CC1100E-EMK950</b>
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## Technical Documents

Most useful technical documents for CC1100E-EMK950

### User Guides

- [CC1100E EM950-960MHz Reference Design 1.0.1](#) (ZIP 313 KB) 109 views  
01 Apr 2009

## Related Products

Related Tools			
Name	Part#	Company	Tool Type
<a href="#">CC1101 Development Kit 433MHz</a>	CC1101DK433	Texas Instruments	Development Boards/EVMs
<a href="#">CC1101 Development Kit 868-915MHz</a>	CC1101DK868-915	Texas Instruments	Development Boards/EVMs
<a href="#">SmartRF Studio</a>	SMARTRFTM-STUDIO	Texas Instruments	Software Tools

Related Devices		
Part#	Name	Product Family
<a href="#">CC1100E</a>	Low-Power Sub-1GHz RF Transceiver for China and Japan frequency bands	Low Power RF ICs

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