

# CC110L RF BoosterPack Status: ACTIVE

## 430BOOST-CC110L

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### Description

The CC110L RF BoosterPack is a low-power wireless transceiver extension kit for use with the Texas Instruments MSP-EXP430G2 LaunchPad development kit. Based on the CC110L device, the on-board Anaren Integrated Radio (AIR) A110LR09A radio module with integrated antenna operates in the European 868-870MHz and US 902-928MHz ISM bands. The included software application, called AIR BoosterStack, demonstrates an example sensor network as well as network status reporting.

Download updated and additional documentation and software from [Anaren](#).

**NB!** Note that you will need **two** MSP430 LaunchPad kits **in addition** to this kit in order to use the hardware as described in the Quick Start Guide.

### Features

#### CC110L RF BoosterPack Hardware Features:

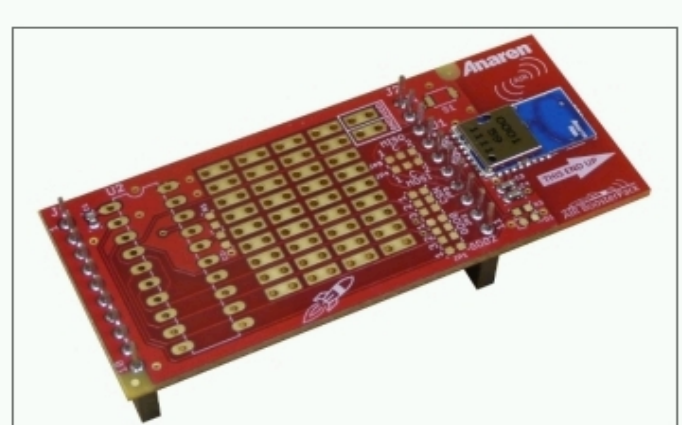
- 1.8 to 3.6 V operation
- Low power consumption
- SPI interface between RF module and MSP430
- Prototyping area
- Footprints for adding a microcontroller, pushbutton switch, and LED for standalone operation
- ROHS and REACH compliant
- Module is ETSI compliant and FCC/IC certified
- See A110LR09x Users Manual and CC110L datasheet for radio specific features

#### AIR BoosterStack Software Features:

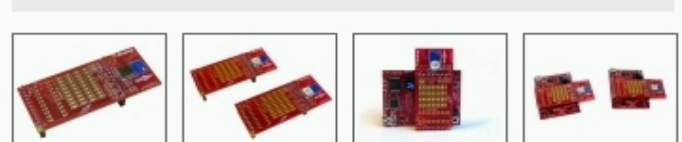
- Low-power temperature sensor application
- Star network topology with one hub node and up to four sensor nodes
- Graphical User Interface provides network control and displays key radio parameters
- Ability to change radio settings locally and/or remotely
- Remote control feature to turn on/off LaunchPad green LED
- Node ID, operating state, and radio settings restored at power-up

#### Kit Contents:

- Two CC110L RF BoosterPack boards
- Two MSP430G2553 devices (preloaded with a sample program)
- Quick Start Guide
- CD with software and documentation



RF BoosterPack with the CC110L module from Anaren



### Order Now

Part Number	Texas Instruments	Authorized Distributors	Status	Price (US\$)	Lead-Free	RoHS	REACH	CE-RTTE/LVD	FCC
430BOOST-CC110L: CC110L RF Module BoosterPack	<a href="#">TI eStore</a>	<a href="#">Buy from distributor</a>	ACTIVE		Yes	Yes	Yes	Yes	Yes

Contact a Distributor:

### Technical Documents

#### More Literature (1)

Title	Abstract	Type	Size (KB)	Date	Views
<a href="#">CC110L BoosterPack Quick Start Guide (Rev. B)</a>		PDF	1146	19 Dec 2011	1,313

### Related Products

### Design Kits & Evaluation Modules (1)

Name	Part Number	Tool Type
<a href="#">MSP430 LaunchPad Value Line Development kit</a>	MSP-EXP430G2	Evaluation Modules & Boards

### TI Devices (2)

Part Number	Name	Product Family
CC110L	Value Line Transceiver	Proprietary RF
MSP430G2553	MSP430G2x53, MSP430G2x13 Mixed Signal Microcontroller	MSP430™16-bit Ultra-Low Power MCUs

### Videos

#### 430Boost-CC110L RF BoosterPack Introduction

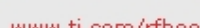
This video, produced by Syracuse-NY based Anaren, Inc., offers a brief introduction to the 430Boost-CC110L RF BoosterPack. This BoosterPack, available exclusively from TI, features Anaren's AIR module (A110LR09A) for development of wireless applications using TI's popular

**Posted:** 02-Mar-2012

**Duration:** 3:52

**Views:** 3279

**Tags:** 430boost, cc110l, msp430, air module, a110lr09a, anaren, rf boosterpack, launchpad, 915 mhz, 868 mhz, cc11xl, sub-1 ghz



[www.ti.com/rfboosterpack](http://www.ti.com/rfboosterpack)

#### Related Videos

430Boost-CC110L RF BoosterPack Introduction

Sub-1 GHz RF value line development kit

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