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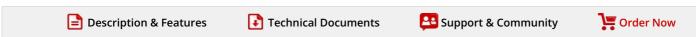
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CC110L RF BoosterPack

(ACTIVE) 430BOOST-CC110L



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.



RF BoosterPack with the CC110L module from Anaren

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
- ${\mbox{\footnote{+}}}$ 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

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Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status	Lead-Free	RoHS	REACH	CE	CE-RTTE/LVD	FCC
430BOOST-CC110L: CC110L RF Module BoosterPack	\$19.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE	Yes	Yes	Yes	Yes	Yes	Yes
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Technical Documents

Selection Guides (1)

Title	Abstract	Туре	Size (KB)	Date	Views
Lift-off with the LaunchPad Ecosystem (Rev. A)		PDF	4948	01 Dec 2014	6,298

More Literature (1)

Title	Abstract	Туре	Size (KB)	Date	Views
CC110L BoosterPack Quick Start Guide (Rev. B)		PDF	1146	19 Dec 2011	728

Related Products

Design Kits & Evaluation Modules (1)

Name	Part Number	Tool Type
MSP430 LaunchPad Value Line Development kit	MSP-EXP430G2	Evaluation Modules & Boards

TI Devices (34)

Part Number 💠	Name \$	Product Family
CC110L	Value Line Transceiver	Wireless Connectivity
MSP430F5529	16-Bit Ultra-Low-Power Microcontroller, 128KB Flash, 8KB RAM, USB, 12Bit ADC, 2 USCIs, 32Bit HW MPY	Low Power + Performance
MSP430G2132	MSP430G2x32, MSP430G2x02 Mixed Signal Microcontroller	Ultra-low Power
MSP430G2133	MSP430G2x33, MSP430G2x03 Mixed Signal Microcontroller	Ultra-low Power
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MSP430G2252	MSP430G2x52, MSP430G2x12 Mixed Signal Microcontroller	Ultra-low Power
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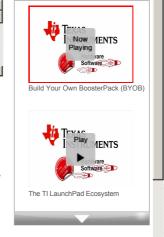
Your System Status



Ready to move beyond the breadboard? TI's Build Your Own BoosterPack (BYOB) process is a collection of resources to help you get started with building your own plug-in modules for the Tayas Instruments

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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
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