

CC2420 MSP430 ZigBee Development Kit Purchase Guide

The parts needed for this kit must be purchased individually from TI eStore:
<http://www.ti-estore.com/>

The following are the minimum hardware requirements:

- 1 CC2420EMK Evaluation Module Kit with 2 Evaluation Modules and 2 Antennas
- 2 MSP430 Experimenter Boards
- 1 MSP-FET430UIF MSP430 USB Debugging Interface

This will enable two IEEE 802.15.4/ZigBee compliant nodes. Please see also the product page on TI's website, where links to eStore can be found:
<http://focus.ti.com/docs/toolsw/folders/print/cc2420msp430zdk.html>



This kit can be extended with more nodes by purchasing more MSP430 Experimenter Boards and more CC2420EMK. Note that a CC2420EMK contains 2 CC2420EM boards.

More information about the parts and links to eStore where the parts can be ordered is also found on each product's webpage.

The product page for MSP430 Experimenter board is:
<http://focus.ti.com/docs/toolsw/folders/print/msp-exp430fg4618.html>

The product page for CC2420EMK is:
<http://focus.ti.com/docs/toolsw/folders/print/cc2420emk.html>
CC2420EMK includes two CC2420EM.

Chipcon Packet Sniffer

In order to use the Chipcon Packet sniffer software, a packet sniffer compliant hardware module is needed. The simplest solution is to purchase a CC2430 Demonstration Board (Alternatives are the SmartRF04EB board with a CC2430EM or CC2400EB with a CC2420EM, that also can be used for the packet sniffer). The product page for this board is: <http://focus.ti.com/docs/toolsw/folders/print/cc2430db.html>. The Chipcon Packet Sniffer software can be downloaded for free from the CC2430DB product page.

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