CC32xx Quick Start Guide

# CC32xx Quick Start Guide



# SimpleLink Wi-Fi CC3200 LaunchPad Out of Box Video

# Meet the SimpleLink™ Wi-Fi® CC3200 LaunchPad Evaluation Kit



# Step 1: Getting to know the kit

## What Comes in the box?

### Reset Switch



**Note:** USB Cable is placed underneath the box insert Additional jumpers are also placed underneath the box insert

Step 2: Getting started with the Out-of-box Demonstration!

## 1. Setup and Power on Board

#### **Set Access Point Mode**

Ensure the jumper is placed to short pin P58 and VCC. This will force the CC3200 into Access Point mode using default parameters



### Power on the LaunchPad

 $\Rightarrow$ 

Connect the provided USB cable to a USB power supply or to your computer and to the Launchpad



Red LED D7 will blink slowly 3 times and then turn off

Note: If the LED D7 doesn't blink, try pressing the board Reset button

Note: For *some* Samsung Android devices, disable Auto Network Switch option. The option can be found under Wi-Fi Settings -> Advanced Settings

Do not use the Privacy Mode (*Incognito mode* or *private browsing*) in the web browser when browsing to the on-board website



## 2. Connect your phone, tablet or PC to CC3200

### Configure Wi-Fi for device

- Open the Wi-Fi setting of your device.
- Connect to network MySimpleLink-xxx (the letters xxx will vary between boards)
- · Password is not needed



Note: If you are using a PC make sure that it is not connected to a wired network

Please wait until the Wi-Fi bars show at the top corner of your device confirming the connection

3. Browse the on-board website

Open your device's web browser

Type http://MySimpleLink.net in the web address line
Note: don't forget to type http://

The CC3200 will stream the on-board web pages to your web browser





## Congratulations!! You Are Done!

You have completed the OOB Demonstration

Lets see now how easy it is to start developing with SimpleLink Wi-Fi CC3200 Lets build Project 0. Your first CC3200 Project!

# Step 3: Project 0... Your First Project

## What will we accomplish?

In this step we will walk you through the process of setting up your development environment, downloading and installing the needed software/tools and finally, executing your first project.

Following these steps successfully will ensure that the your tools are properly installed and that you can edit, compile, download and debug your code on the SimpleLink Wi-Fi CC3200 LaunchPad Evaluation Kit

Follow the document here: <a href="http://www.ti.com/CC3200project0">http://www.ti.com/CC3200project0</a>
SimpleLink Wi-Fi CC3200 and IoT Solution With MCU LaunchPad™ Getting Started Guide

SimpleLink Wi-Fi CC3200 supports various provisioning methods Lets explore these options in the next section!

Advanced: Exploring various provisioning options

The CC3200 SimpleLink Wi-Fi solution support 3 provisioning methods

#### AP Provisioning

• Demonstrates the use of CC3200's internal web-server to associate the device with an access point

#### **SmartConfig Provisioning**

Associates CC3200 to any access point using TI's proprietary provisioning technology

#### **WPS Provisioning**

• Associates CC3200 to an access point using the standard provisioning method for headless devices

The software development kit (SDK) for CC3200 includes easy examples to explain how to use these different provisioning methods with CC3200.

Follow the instructions provided for each example here: <a href="http://processors.wiki.ti.com/index.php/CC32xx">http://processors.wiki.ti.com/index.php/CC32xx</a> SDK Sample Applications

# Connect More. ANYWHERE. ANYTHING. ANYONE

### What Next?

Congratulations for completing the getting started steps! As you start your journey to Connect More with Wi-Fi, the resources listed below will be of help.

All the very best!

### TI Landing page

Product information, features/benefits, applications, getting started, tools & software, ecosystem (cloud) & support/community

http://www.ti.com/simplelinkwifi



### CC3200 Product Page

Datasheet, key documents, kits, software

http://www.ti.com/product/cc3200



### TI WiKi

Organized information for Getting started, Hardware details, Software details including porting information, Test/Certification and Support and Community

http://processors.wiki.ti.com/ index.php/CC31xx & CC32xx



## SimpleLink Wi-Fi CC31xx/CC32xx Forum

We urge you to use the SimpleLink e2e forum for any further information

http://www.ti.com/wirelesshelp



# **Article Sources and Contributors**

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