

CC32xx Out of Box Application

Overview

This Application demonstrates Out of Box Experience with CC3200 Launch Pad. It highlights the following features

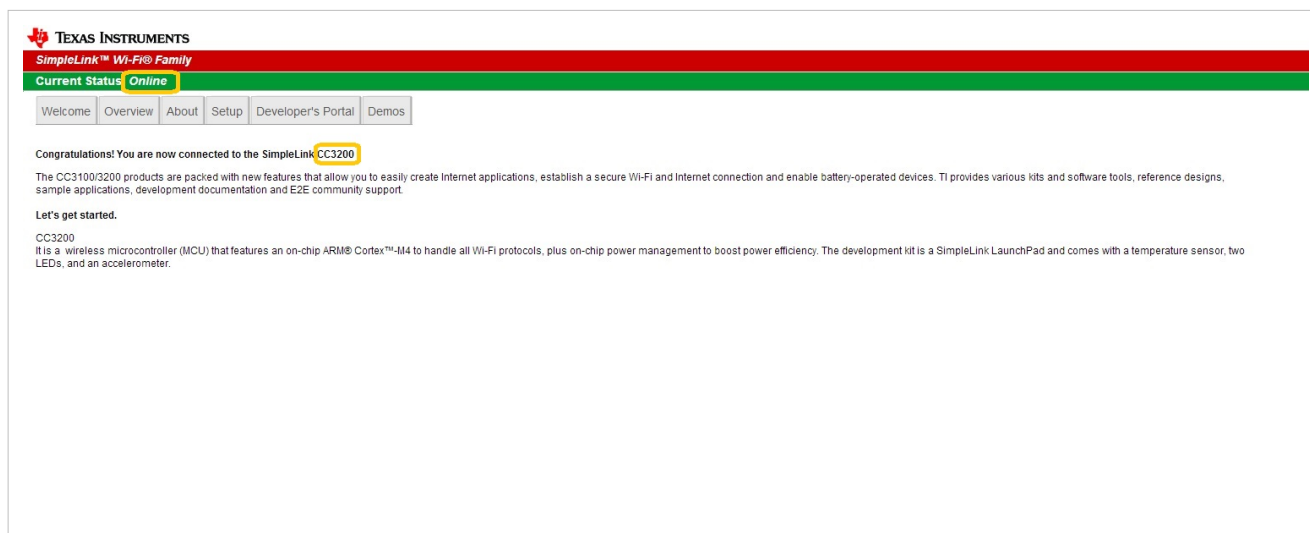
1. Easy Connection to CC3200 Launchpad
 - Direct Connection to Launchpad by using CC3200 device in Access Point Mode(Default)
 - Connection using TI SmartConfig ^[1]Technology
2. Easy access to CC3200 Using Internal HTTP server and on-board webcontent
3. Attractive Demos
 - Home Automation
 - Appliance Control
 - Security System
 - Thermostat

For more information please refer CC32xx Quick Start Guide

Usage

- The CC3200 Launchpad comes with all the required content flashed to run the application
 - Refer Quick Start Guide for detailed information
 - In case user flashed other SDK applications and need to download the out of box content again, follow below steps
 - Open `<cc3200-sdk>\examples\out_of_box\html\out_of_box.ucf` session file in Uniflash.
 - Flash the files to the device. Detailed instructions at Uniflash User Guide.
 - Run the reference application
 1. Run From IDE (IAR/CCS)
 - Open the Example Project as mentioned in the `<cc3200-sdk>\docs\CC3200-Getting Started Guide.pdf`
 - Build and download the application to the board
 2. Run From Flashed Binary
 - Connect to CC3200 device as mentioned in Quick Start Guide, You will see below main page on your browser
- Note:** : In case device is coming up as AP (Jumper on VCC+P58) check Terminal prints to get to know device's AP name.

[Return to CC31xx & CC32xx Home Page](#)[Return to CC31xx Sample Applications](#)



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SimpleLink™ Wi-Fi® Family
Current Status: Online

Welcome Overview About Setup Developer's Portal Demos

Congratulations! You are now connected to the SimpleLink **CC3200**

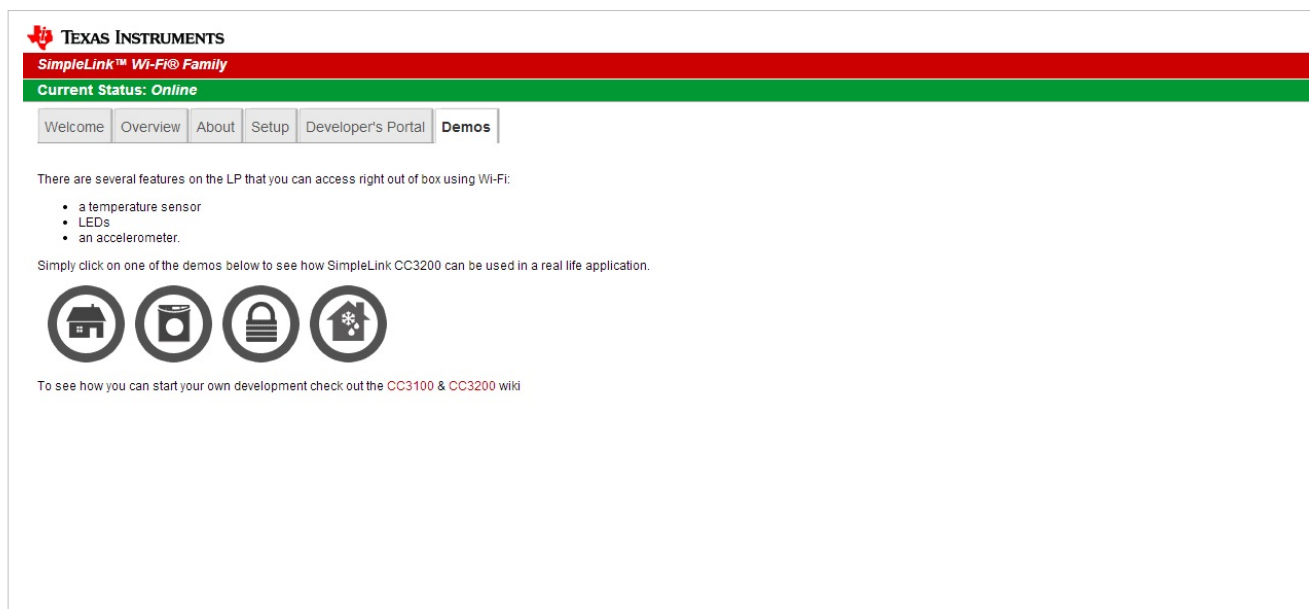
The CC3100/3200 products are packed with new features that allow you to easily create Internet applications, establish a secure Wi-Fi and Internet connection and enable battery-operated devices. TI provides various kits and software tools, reference designs, sample applications, development documentation and E2E community support.

Let's get started.

CC3200
It is a wireless microcontroller (MCU) that features an on-chip ARM® Cortex™-M4 to handle all Wi-Fi protocols, plus on-chip power management to boost power efficiency. The development kit is a SimpleLink LaunchPad and comes with a temperature sensor, two LEDs, and an accelerometer.

Demos

Go to Demo Tab. Click/Press on the icons to see the demo







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Welcome Overview About Setup Developer's Portal **Demos**

There are several features on the LP that you can access right out of box using Wi-Fi:

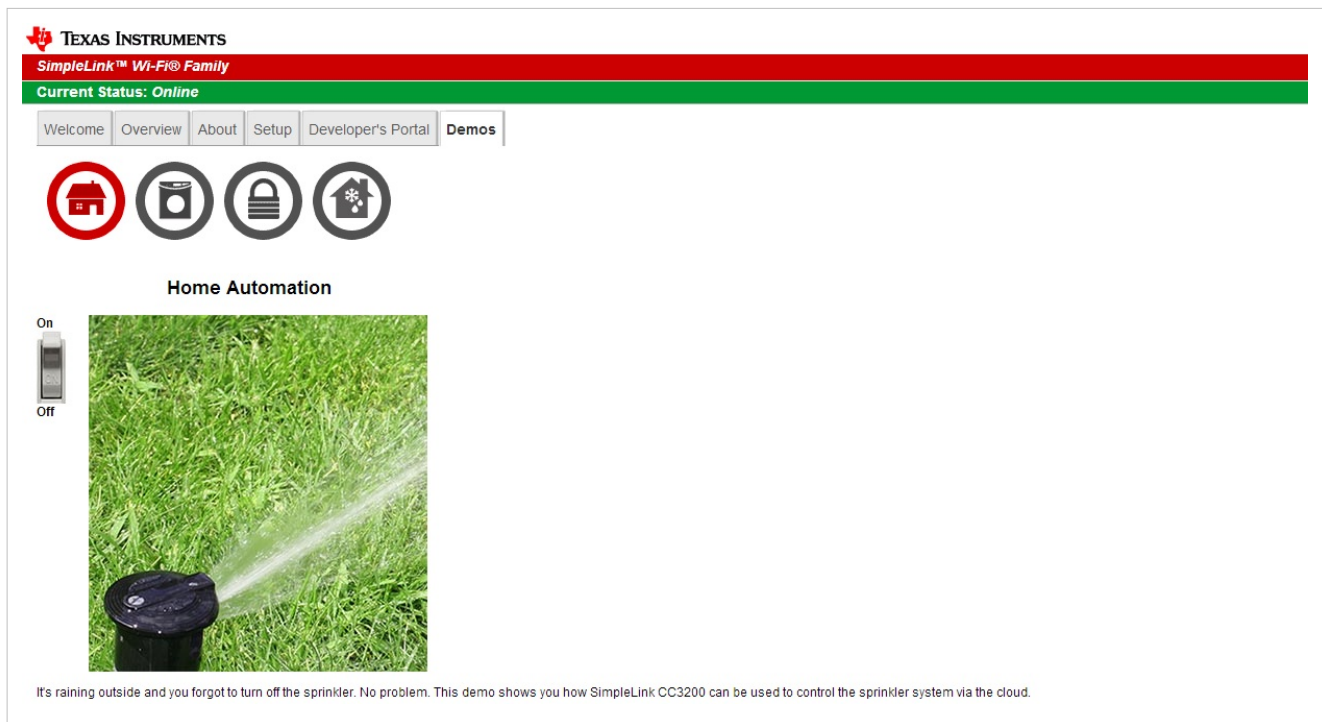
- a temperature sensor
- LEDs
- an accelerometer.

Simply click on one of the demos below to see how SimpleLink CC3200 can be used in a real life application.

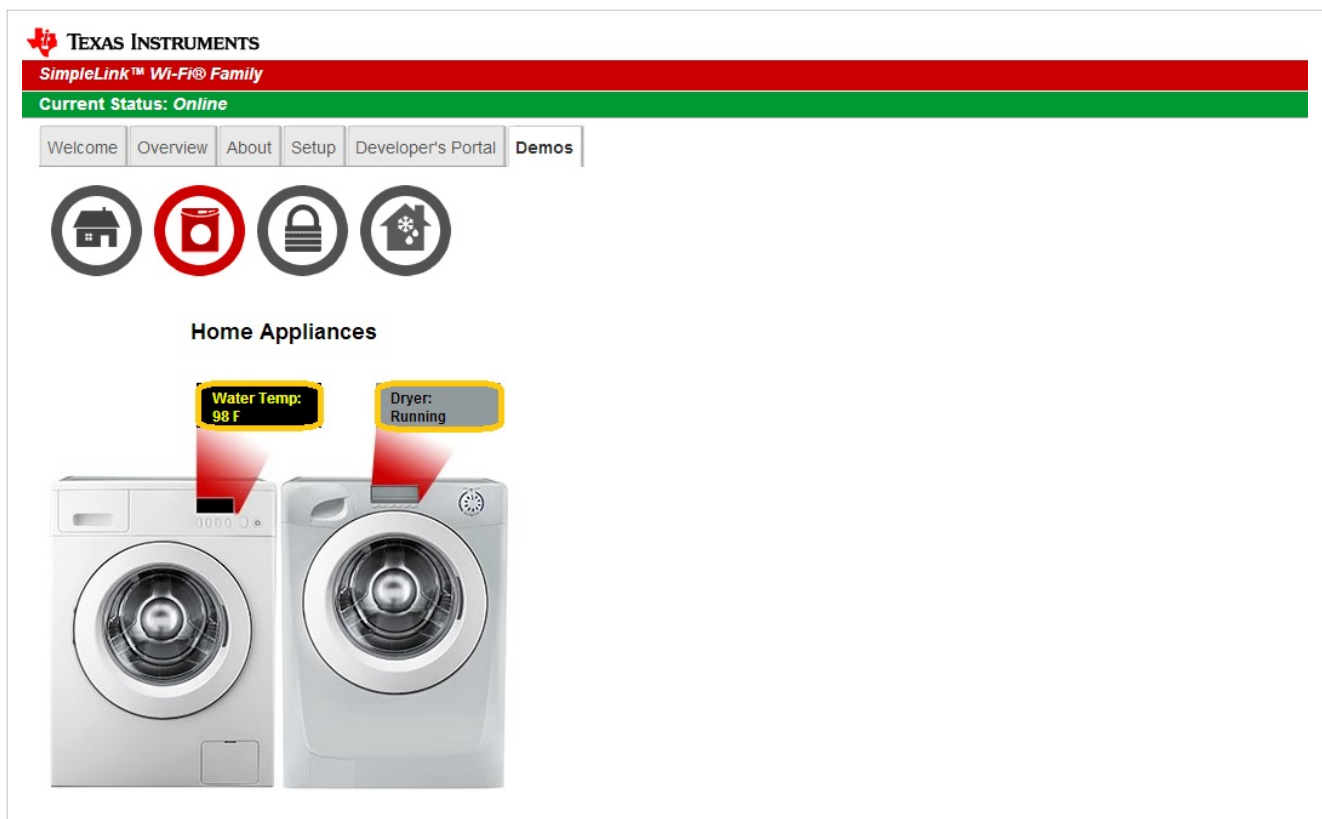
   

To see how you can start your own development check out the [CC3100](#) & [CC3200](#) wiki

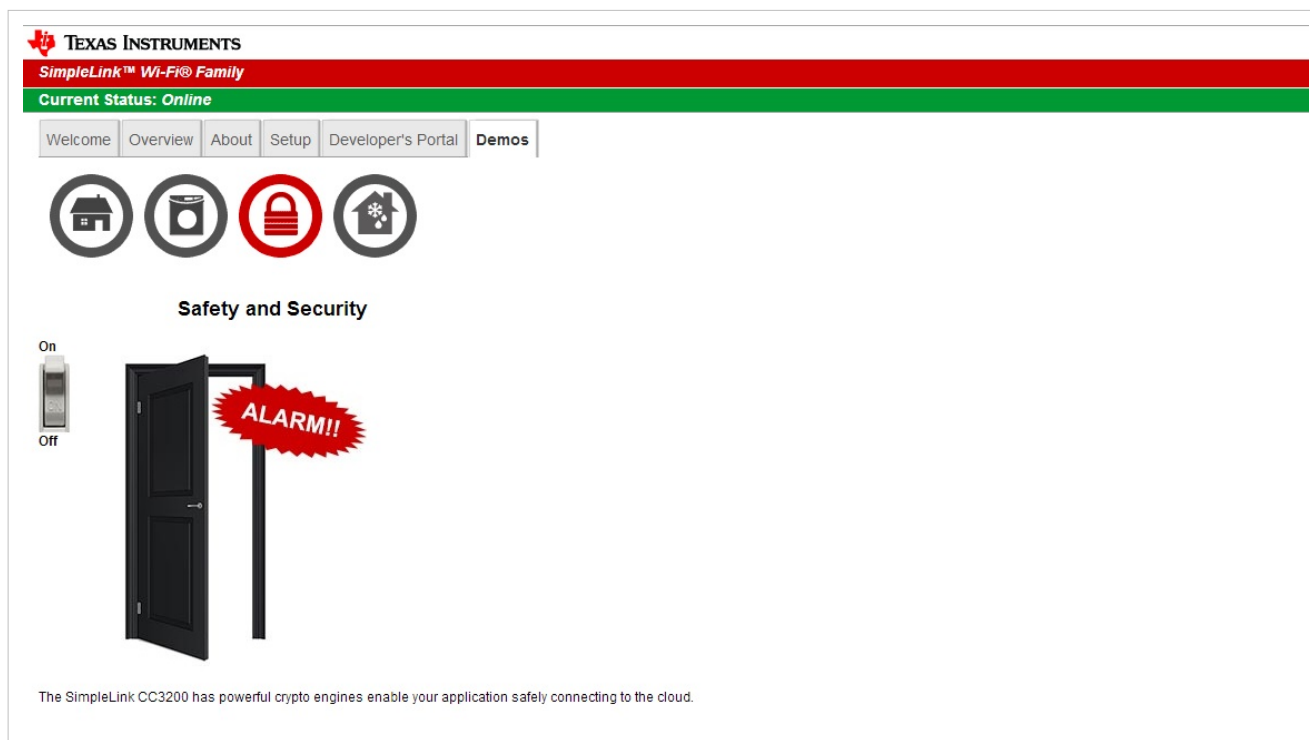
Turn the Switch ON/OFF and Check the Red LED(D7) on Launchpad



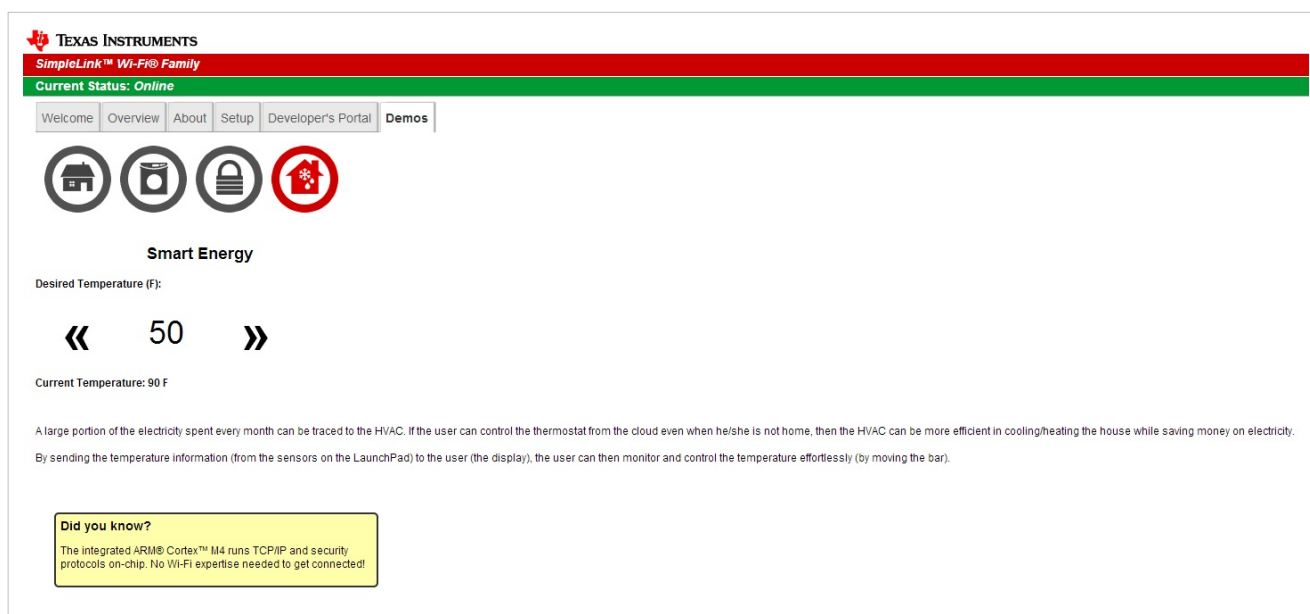
Check temperature from Inbuilt temperature Sensor on Launchpad. Move the Launchpad and check Dryer status



Turn on the Switch. Move the Launchpad and check Alarm



Change the temperature slider and check the RED LED (D7)



Limitations/Known Issues

None

References

[1] <http://www.ti.com/tool/wifistarter>

Article Sources and Contributors

CC32xx Out of Box Application *Source:* <http://processors.wiki.ti.com/index.php?oldid=184832> *Contributors:* A0221015, A0389326, Codycooke, Jitgupta, Kaushal, Malokyle

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