

CC31xx Getting started with WLAN AP

Overview and application details

CC3100 can act as an 'Access-Point' (AP). Any WLAN station in its range can connect/communicate to/with it as per the standard networking protocols. This sample application configures CC3100 in AP-mode and waits for clients to connect w/ it. On a successful connection, the device pings the connected station.

UART driver is provided for MSP430F5529LP and Tiva-c Launchpad. User need to define 'SL_IF_TYPE_UART' in project to use the uart interface.

=Source Files briefly explained +

- main - Initializes the device, configures it in AP mode and verifies the connection status

Usage

- Open 'main.c' and modify values of 'AP_SSID_NAME', 'AP_PASSWORD' and 'SEC_TYPE'

```
These values will define the device's credentials in AP mode
```

- Build and launch the application

```
The device will be configured in AP mode and shall wait for clients  
to connect w/ it.
```

```
It also pings the connected clients to check the connection status
```



Note:: User needs to reconfigure the device in 'Station-Mode' for executing other sample applications

Limitations/Known Issues

None

Article Sources and Contributors

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