

CC31xx TCP Socket Application

Overview and application details

This example demonstrates how to open and use a standard TCP socket with CC31xx.

Usage

- Open 'main.c' and change 'SSID_NAME'
- Build and launch the application
- Open an 'Iperf' TCP server listening on port 'PORT_NUM' on Windows-PC

```
Iperf -s -p <PORT_NUM> -i 1
```

- The device will connect to 'Iperf' server and send some packets
- The application also starts a TCP server on 'PORT_NUM'
- Open an 'Iperf' client on Windows, connect to CC3100 on 'PORT_NUM'

```
Iperf -c <DEST_IP_ADDR> -p <PORT_NUM> -i 1
```

- The device receives the packets sent by the Iperf client and closes the socket

Limitations/Known Issues

None

Article Sources and Contributors

CC31xx TCP Socket Application *Source:* <http://ap-fpdsp-swapps.dal.design.ti.com/index.php?oldid=188871> *Contributors:* A0131814, Giansway