

ZigBee Switch Application

User guide

Version 0.1

September 2015

Redpine Signals, Inc.

2107 N. First Street, #680

San Jose, CA 95131.

Tel: (408) 748-3385

Fax: (408) 705-2019

Email: info@redpinesignals.com

Website: www.redpinesignals.com

Overview and Application details

This is a sample application demonstrating a zigbee enddevice as switch ,which sends toggle command to zigbee Coordinator as Light.

Usage

Connect the board to a host and configure the `rsi_zb_config.h` file which is in the following path of driver application
`sapis/examples/zigbee/switch`

- Edit `rsi_zb_config.h` and update the following parameters of the device to establish connection with the Coordinator.

From given configuration, `g_CHANNEL_MASK_c` refers to the channel in which the coordinator is operating.

This macro defines a 32-bit mask starting from the 11th bit from the LSB to the 26th bit, consisting of 16 channels represented by each bit.

For example : channel mask for 26th channel

```
#define g_MASK_FOR_26_CHANNEL_c 0x04000000
```

```
#define g_CHANNEL_MASK_c g_MASK_FOR_26_CHANNEL_c
```

Run the application, the end-device connects to the coordinator and sends toggle command in a loop.