

Project Configuration Report

zigbee_minimal

Target Device:

Target Part: EFR32MG26B510F3200IM68

Boards:

- EFR32xG26 Dev Kit Board (BRD2608A Rev A02)

Target SDK

Simplicity SDK Suite v2025.6.0: Bluetooth 10.0.0, Bluetooth Mesh 9.0.0, Connect 4.1.0.0, EmberZNet 8.2.0.0, Micrium OS Kernel 5.18.00, OpenThread 2.7.0.0 (GitHub-fb0446f53), Platform 5.2.0.0, RAIL 2.19.0, USB 1.5.0.0, Wi-SUN 2.6.0.0, Z-Wave SDK 7.24.0.0
SDK Version: 2025.6.0

Project Generators

- Simplicity IDE Project

Installed Software Components:

- Application

- Utility

- Log**

- Sources: app_log.c

- Configurable: true

- Configs: app_log_config.h

- Platform

- Board

- Starter Kit

- BRD2608A**

- Configurable: false

- Device

- EFR32MG26

- EFR32MG26B510F3200IM68**

- Sources: system_efr32mg26.c, startup_efr32mg26.c

- Configurable: true

- Configs: device.yaml

- Driver

- LED

- Simple LED**

- Configurable: true

- Configs: sl_simple_led_led0_config.h

- SPI

SPIDRV

Configurable: true

Configs: sl_spidrv_inst_config.h

- Toolchain

Enable Link time optimization

Configurable: false

- Services

- Clock Manager

Clock Manager

Sources: sl_clock_manager_init.c

Configurable: true

Configs: sl_clock_manager_oscillator_config.h, sl_clock_manager_ext_flash_config.h, sl_clock_manager_tree_config.h

- Command Line Interface

CLI Instance(s)

Configurable: true

Configs: sl_cli_config_example.h

- IO Stream

IO Stream: Recommended Stream for a console

Configurable: false

- Driver

IO Stream: USART

Configurable: true

Configs: sl_iostream_usart_vcom_config.h

- System Setup

System Setup (sl_main)

Configurable: true

Configs: sl_main_start_task_config.h

- Zigbee

- Bootloader

Zigbee Application Bootloader

Sources: app_properties.c

Configurable: false

- Cluster Library

ZCL Framework Core

Sources: process-cluster-message.c, af-node.c, library.c, af-soc-common.c, af-common.c, af-event.c, zcl-util.c, util.c, global-callback.c, option-cli.c, process-global-message.c, security-cli.c, zcl-framework-core-cb.c, af-trust-center.c, attribute-size.c, attribute-storage.c, zigbee-device-library.c, global-other-callback.c, message.c, zdo-cli.c,

service-discovery-soc.c, time-util.c, sl_zigbee_command_interpreter.c, print.c,
service-discovery-common.c, zigbee-device-common.c, attribute-table.c, print-formatter.c,
zcl-cli.c, crypto-state.c, network-cli.c, af-soc.c, multi-network.c, af-security-common.c,
core-cli.c, client-api.c

Configurable: true

Configs: zcl-framework-core-config.h

- Network Form and Join

Scan Dispatch

Sources: scan-dispatch.c

Configurable: true

Configs: scan-dispatch-config.h

- Stack

Debug Basic

Configurable: false

Source route

Sources: source-route-baremetal-wrapper.c, zigbee_ipc_callback_event_stub.c,
zigbee_ipc_callback_events.c, source-route-ipc-command-messages.c

Configurable: true

Configs: sl_zigbee_source_route_config.h

• Pro Core

Pro Stack (Common)

Configurable: true

Configs: sl_zigbee_pro_stack_config.h

- Utility

Counters

Sources: counters-cb.c, af-counters.c, counters-ota.c, counters-cli.c, counters-ota-host.c

Configurable: true

Configs: counters-config.h

Debug Print

Sources: sl_zigbee_debug_print.c

Configurable: true

Configs: sl_zigbee_debug_print_config.h

Zigbee Core CLI

Sources: core-cli.c

Configurable: true

Configs: zigbee_core_cli_config.h

Zigbee ZCL CLI

Sources: zigbee-zcl-custom-cluster-cli.c, zigbee-zcl-cli.c, zigbee-zcl-global-cli.c

Configurable: false

- Zigbee 3.0

Network Steering

Sources: network-steering-cb.c, network-steering.c, network-steering-v2.c,
network-steering-cli.c

Configurable: true

Configs: network-steering-config.h

Update TC Link Key

Sources: update-tc-link-key.c, update-tc-link-key-cli.c, update-tc-link-key-cb.c

Configurable: true

Configs: update-tc-link-key-config.h

Pins:

Peripherals:

Peripheral	Software Component	Custom Peripheral Name
ACMP0		
ACMP1		
CMU	Clock Manager	
EUSART0		
EUSART1		
EUSART2		
EUSART3		
GPIO	SWO Debug	
HFXO0		
I2C0		
I2C1		
I2C2		
I2C3		
IADC0		
KEYSCAN		
LCD		
LETIMER0		
LFXO		
MODEM		
PCNT0		
PRS Channel ASYNCH0		
PRS Channel ASYNCH1		
PRS Channel ASYNCH10		
PRS Channel ASYNCH11		
PRS Channel ASYNCH12		
PRS Channel ASYNCH13		
PRS Channel ASYNCH14		
PRS Channel ASYNCH15		
PRS Channel ASYNCH2		

PRS Channel ASYNCH3		
PRS Channel ASYNCH4		
PRS Channel ASYNCH5		
PRS Channel ASYNCH6		
PRS Channel ASYNCH7		
PRS Channel ASYNCH8		
PRS Channel ASYNCH9		
PRS Channel SYNCH0		
PRS Channel SYNCH1		
PRS Channel SYNCH2		
PRS Channel SYNCH3		
PTI	RAIL Utility, PTI	
TIMER0		
TIMER1		
TIMER2		
TIMER3		
TIMER4		
TIMER5		
TIMER6		
TIMER7		
TIMER8		
TIMER9		
USART0	IO Stream: USART (vcom)	
USART1	IO Stream: USART (vcom)	
USART2	IO Stream: USART (vcom)	
VDAC0		
VDAC1		