

Project Configuration Report

silmotion

Target Device:

Target Part: EFR32MG24B310F1536IM48

Boards:

- EFR32xG24 Dev Kit Board (BRD2601B Rev A01)

Target SDK

Gecko SDK 4.4.6

SDK Version: 2024.12.2

Extensions

- Sidewalk 2.4.0
- Silicon Labs Matter 2.5.2
- Silicon Labs AI/ML - Alpha 2.0.1
- WiSeConnect 3 3.4.2

Project Generators

- Simplicity IDE Project

Installed Software Components:

- Platform

- *Board*

- Starter Kit

BRD2601B

Configurable: false

- *Bootloader*

- TrustZone NonSecure

- Drivers

Bootloader Delay Driver (Non-Secure)

Sources: btl_driver_delay_ns.c

Configurable: false

- *Device*

- EFR32MG24

EFR32MG24B310F1536IM48

Sources: startup_efr32mg24.c, system_efr32mg24.c

Configurable: true

Configs: device.yaml

- **Services**

- *Clock Manager*

- Clock Manager**

- Sources: sl_clock_manager_init.c

- Configurable: true

- Configs: sl_clock_manager_oscillator_config.h, sl_clock_manager_tree_config.h

- *Device Initialization*

- Automatic Device Initialization**

- Configurable: false

- *System Setup*

- System Setup**

- Configurable: false

Pins:

Pin #	Pin Name	Function	Custom Pin Name	Software Component
26	AIN0			
25	AIN1			
28	PA00			
29	PA01			
30	PA02			
31	PA03			
32	PA04			
33	PA05			
34	PA06			
35	PA07			
21	PB00	GPIO Mode	LED	
20	PB01			
19	PB02			
18	PB03			
1	PC00	GPIO mode		MX25 Flash Shutdown with eusart

2	PC01	EUSART1_TX		
3	PC02	EUSART1_RX		
4	PC03			
5	PC04			
6	PC05			
7	PC06			
8	PC07			
9	PC08			
10	PC09			
48	PD00			
47	PD01			
46	PD02			
45	PD03			
44	PD04			
43	PD05			

Peripherals:

Peripheral	Software Component	Custom Peripheral Name
ACMP0		
ACMP1		
CMU	Clock Manager	
EUSART0		
EUSART1		
GPIO		
HFX00		
I2C0		
I2C1		
IADC0		
KEYSCAN		

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		
TIMER0		
TIMER1		

TIMER2		
TIMER3		
TIMER4		
USART0		
VDAC0		
VDAC1		