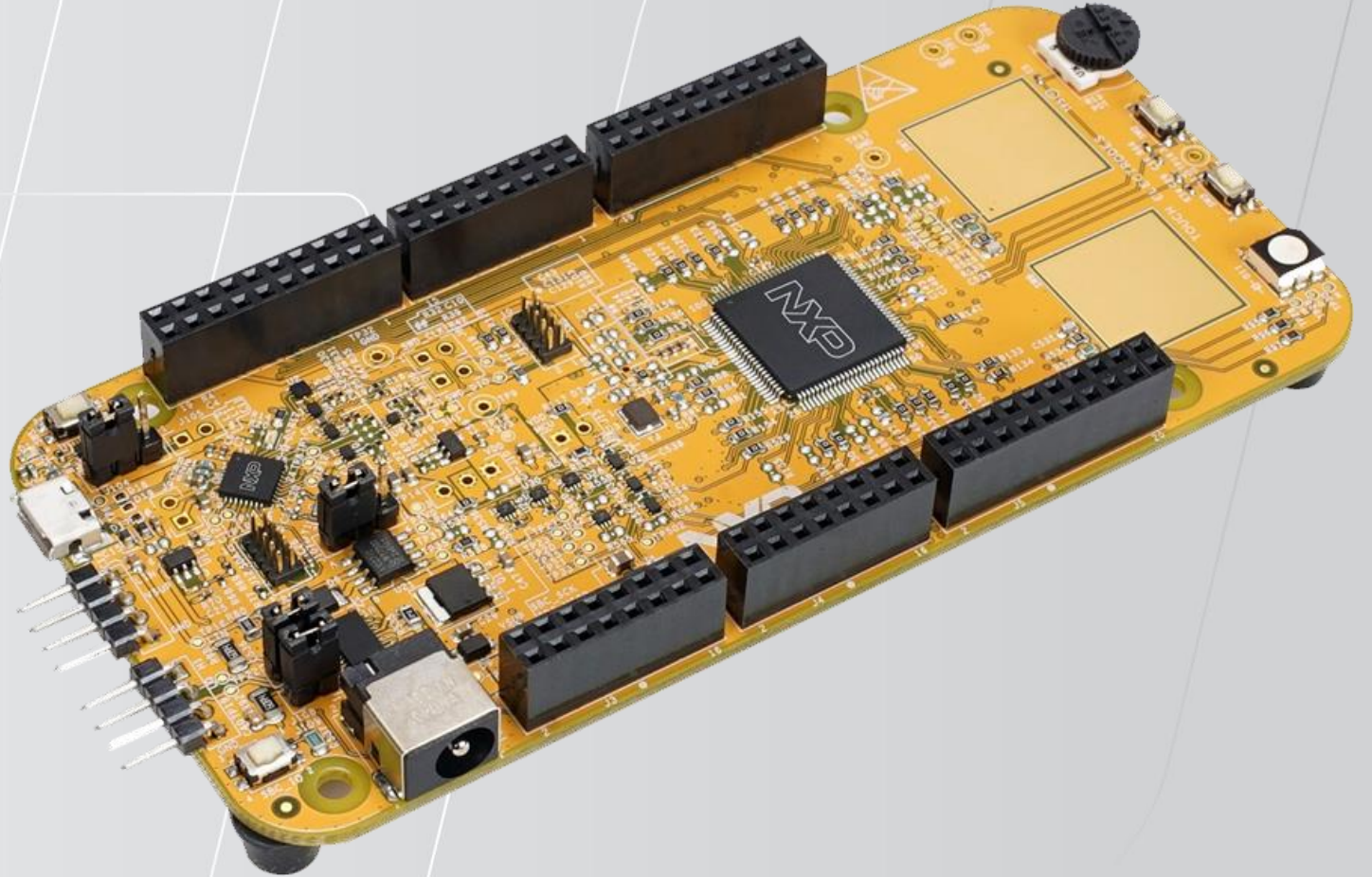


NVIC Driver

09 Sep 2023

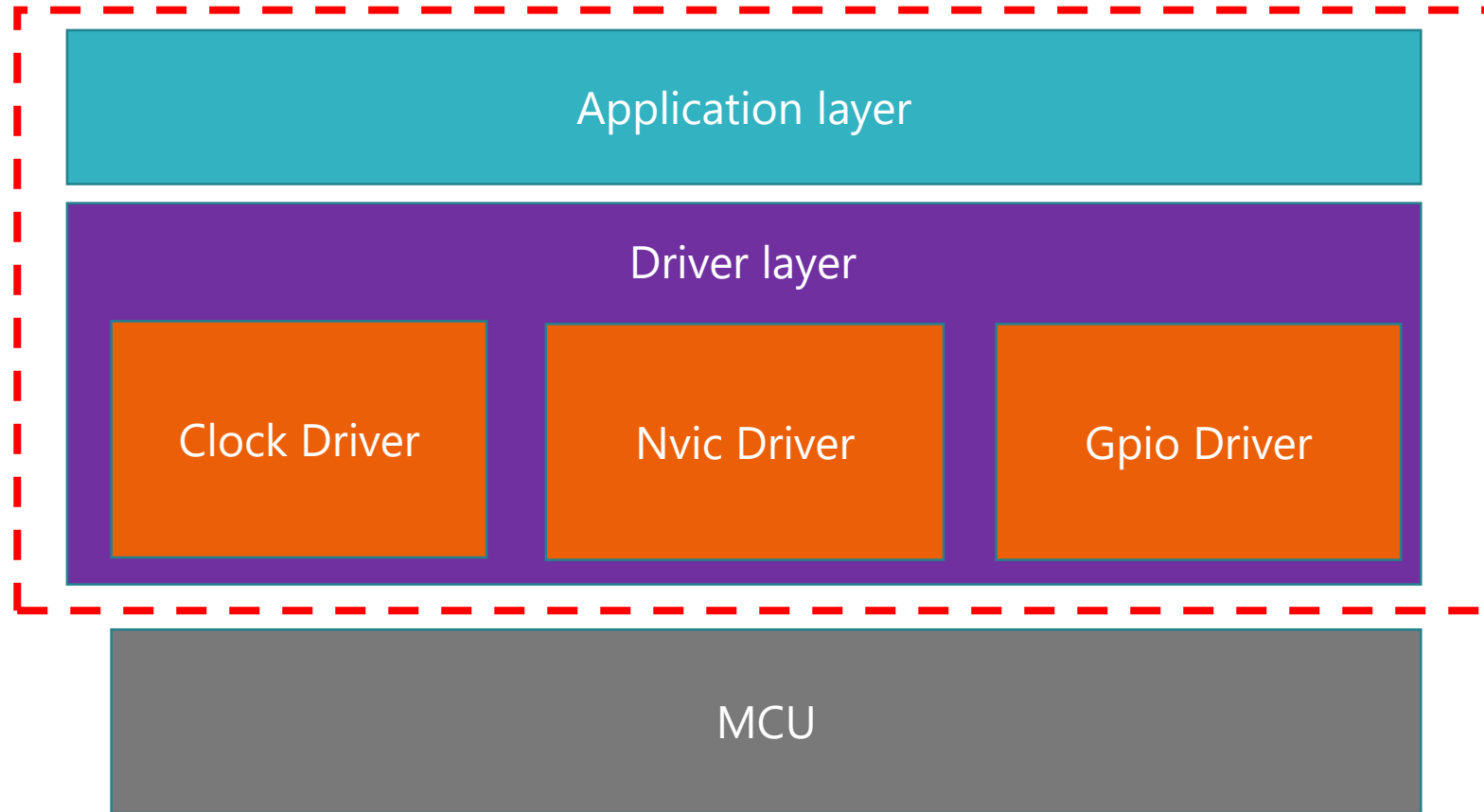


1. Software Block Diagram

2. Driver

2.1. Nvic Driver

1. Software Block Diagram



2. Driver

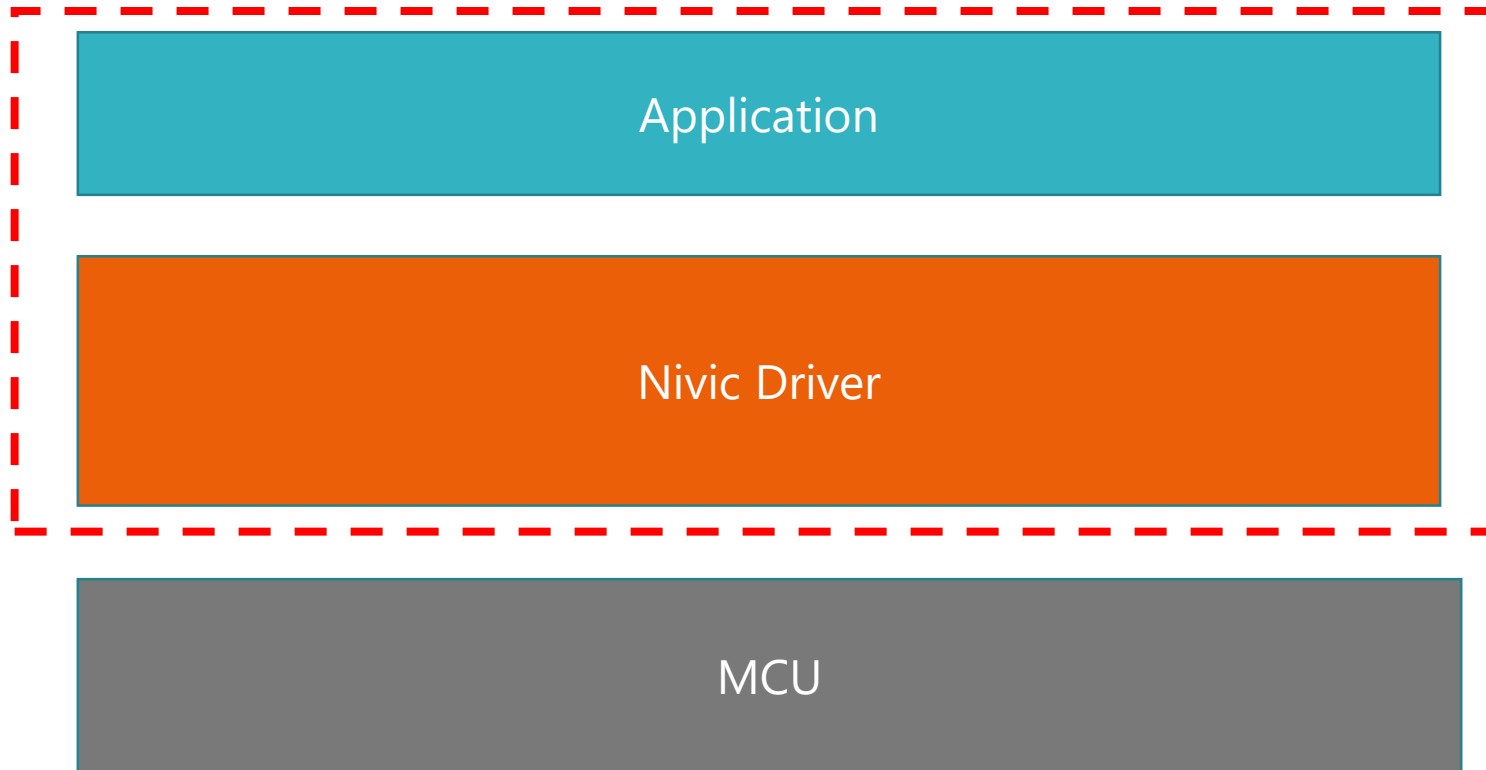
Driver

A driver is is a software component that is driven directly to the hardware.

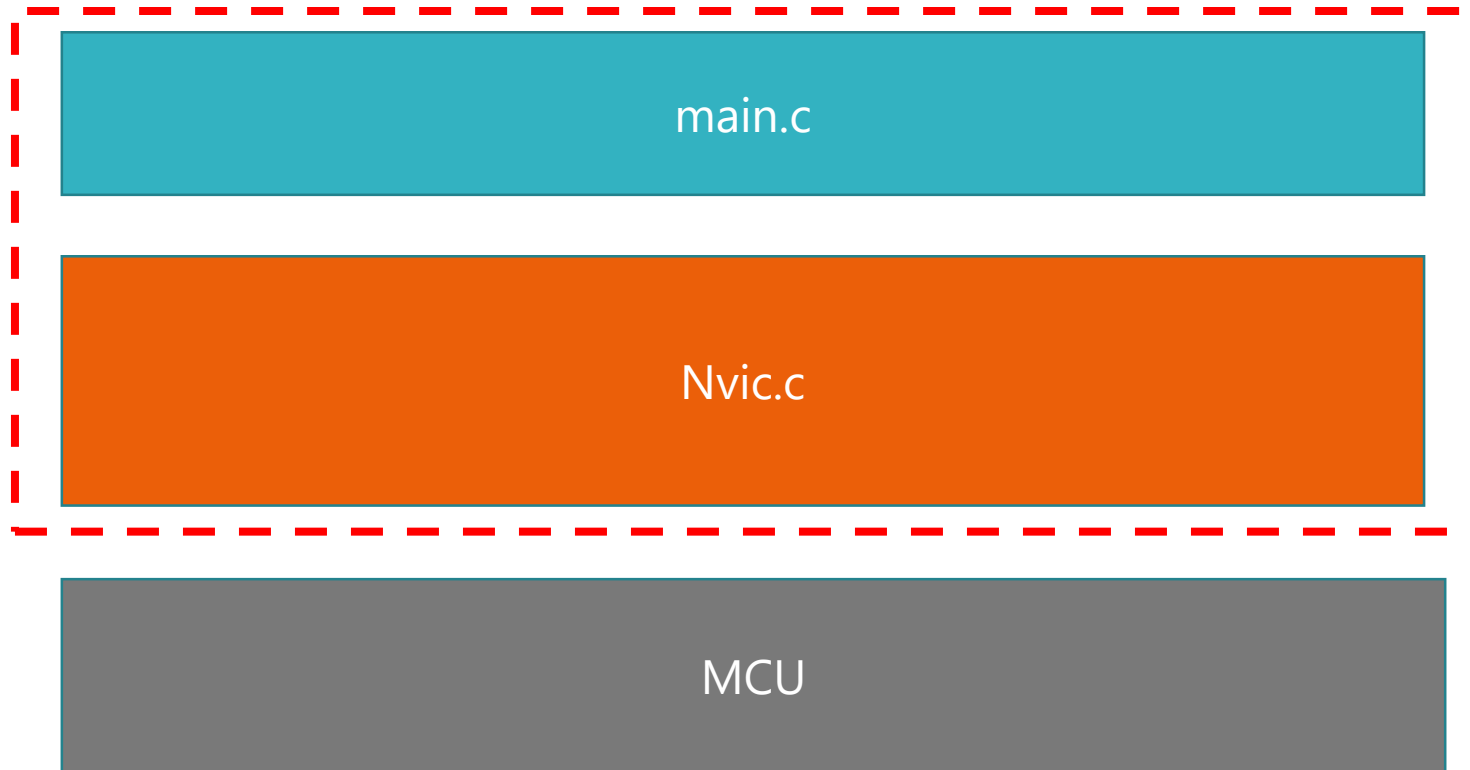


Hardware S32K144

2.1. Nvic Driver



2.1. Nvic Driver



2.1. Nvic Driver

Source File - API

Nvic_Registers.h

Include

Nvic.h

Include

Nvic.c

NVIC API:

```
void NVIC_EnableInterrupt( IRQn_Type IRQ_number );  
void NVIC_DisableInterrupt( IRQn_Type IRQ_number );  
void NVIC_ClearPendingFlag( IRQn_Type IRQ_number );  
void NVIC_SetPriority( IRQn_Type IRQ_number,  
                      unsigned char priority );
```


A nighttime cityscape featuring a prominent skyscraper with a spire, illuminated by warm lights. The building is framed by a large, semi-transparent, stylized letter 'R' in a light purple/pink hue. The sky is dark with some clouds, and the city lights reflect on the water in the foreground. Other buildings are visible in the background, some with blue and white lights.

Thank you