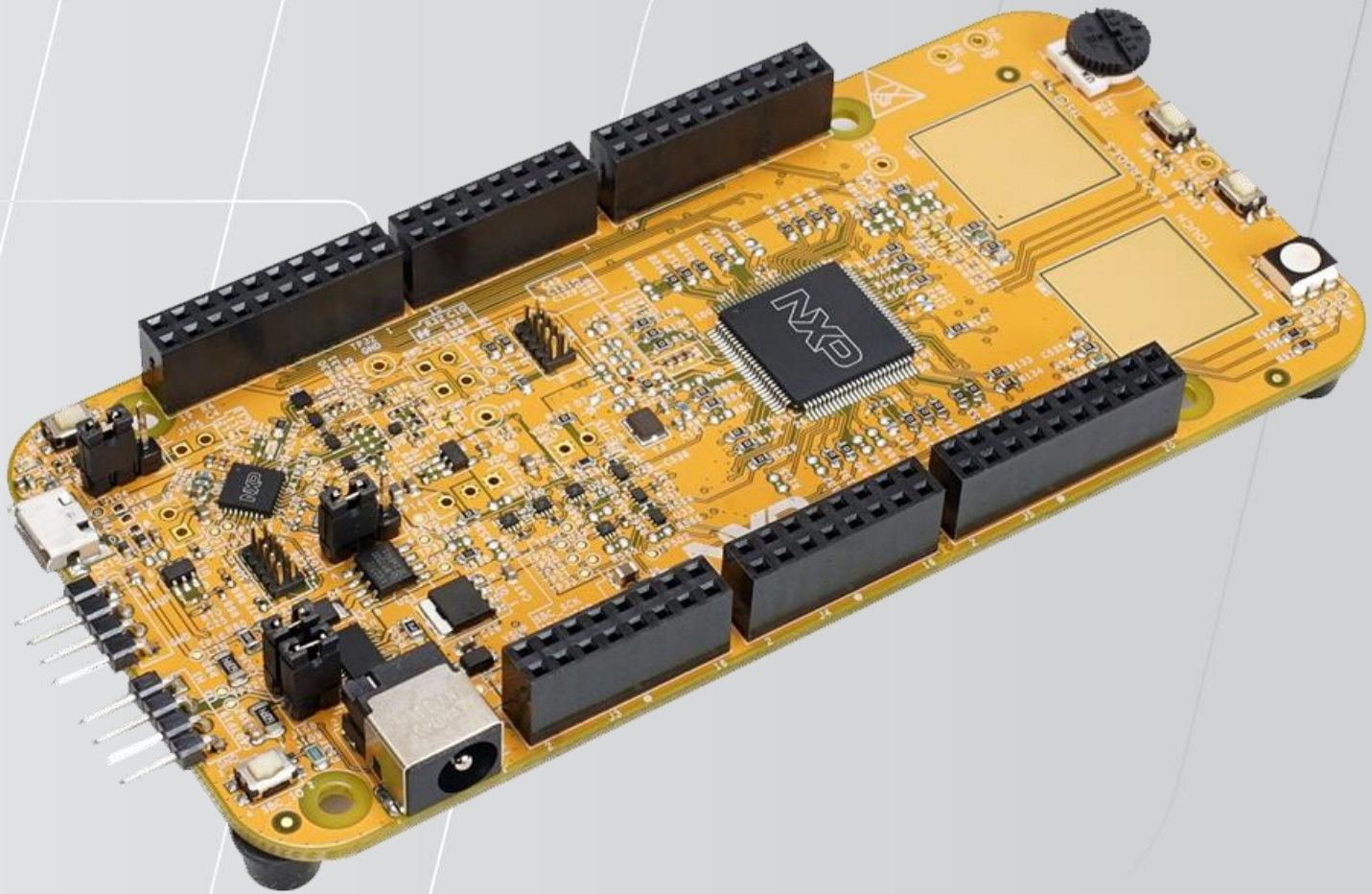
NVIC Driver

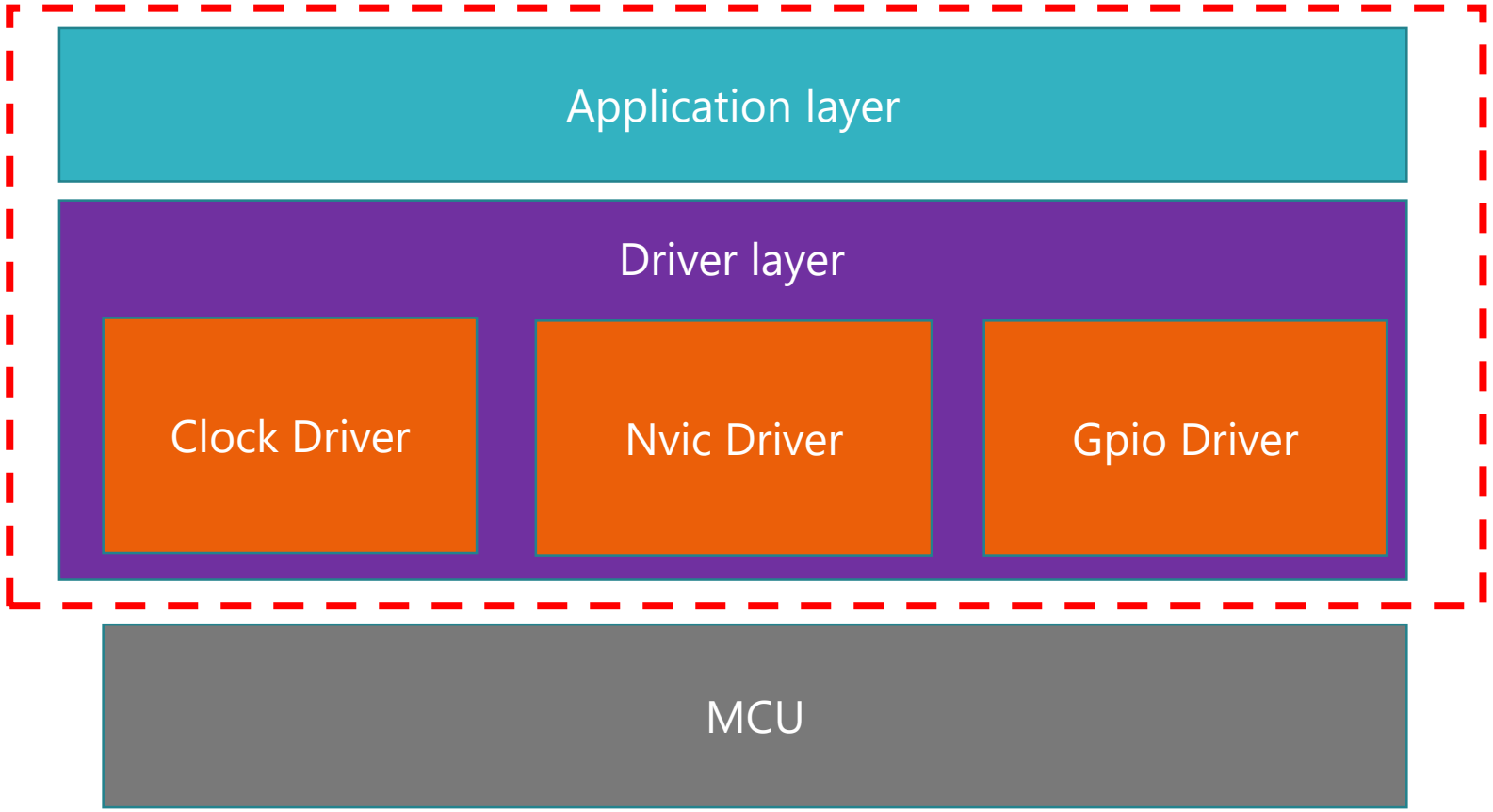


09 Sep 2023

OUTLINE

1. Software Block Diagram
2. Driver
2.1. Nvic Driver

1. Software Block Diagram



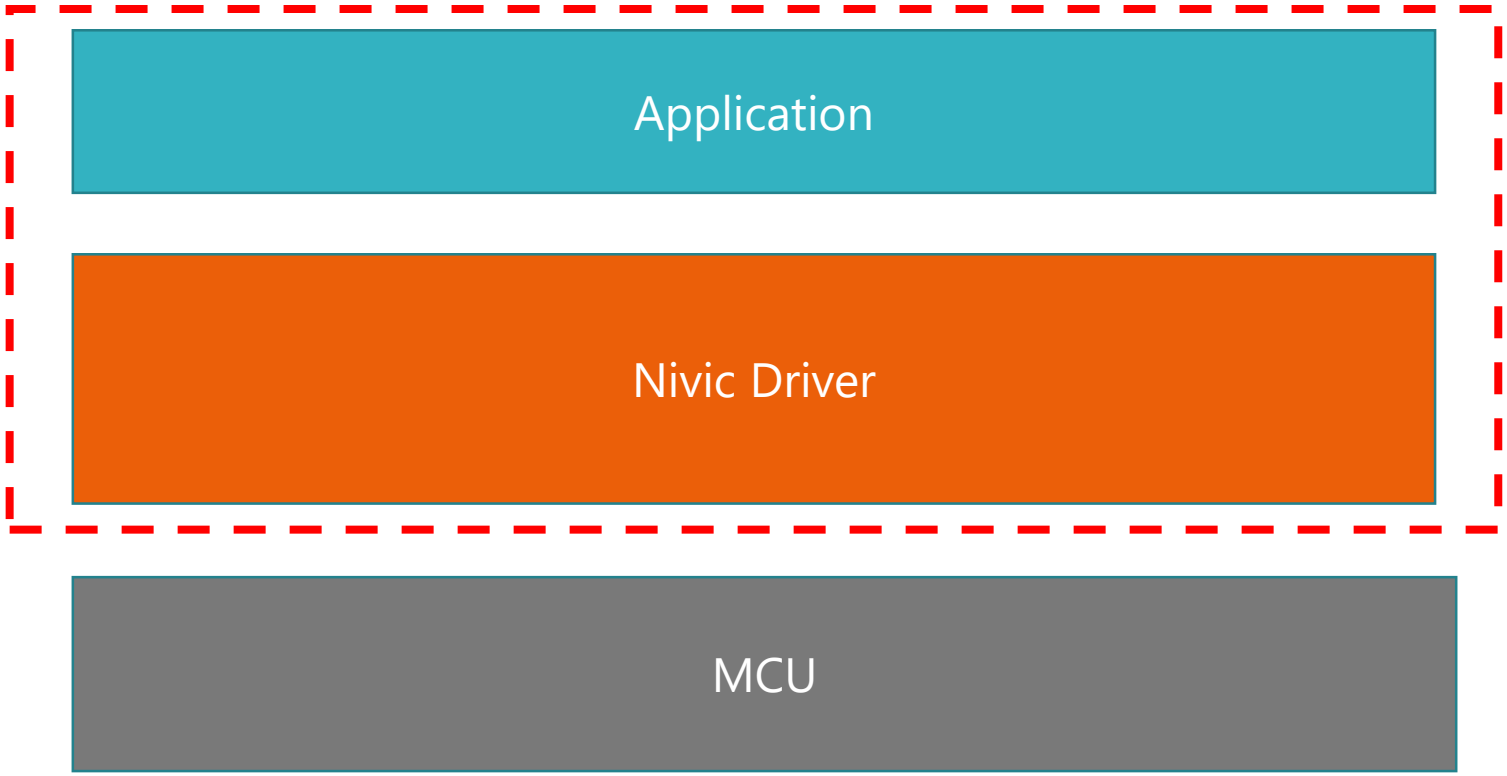
2. Driver

Driver

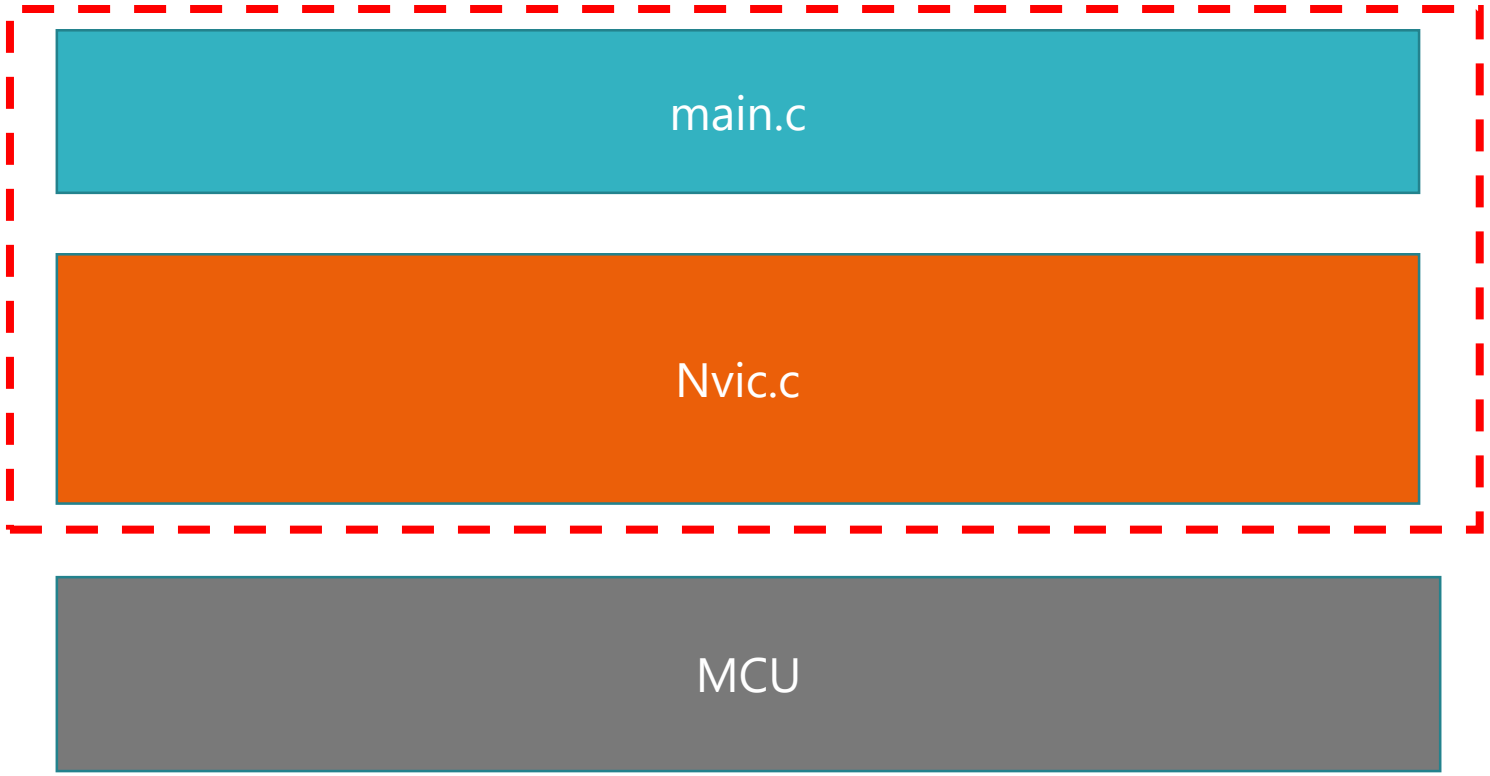
A driver is **is a software component that is driven directly to the hardware.**

Hardware S32K144

2.1. Nvic Driver

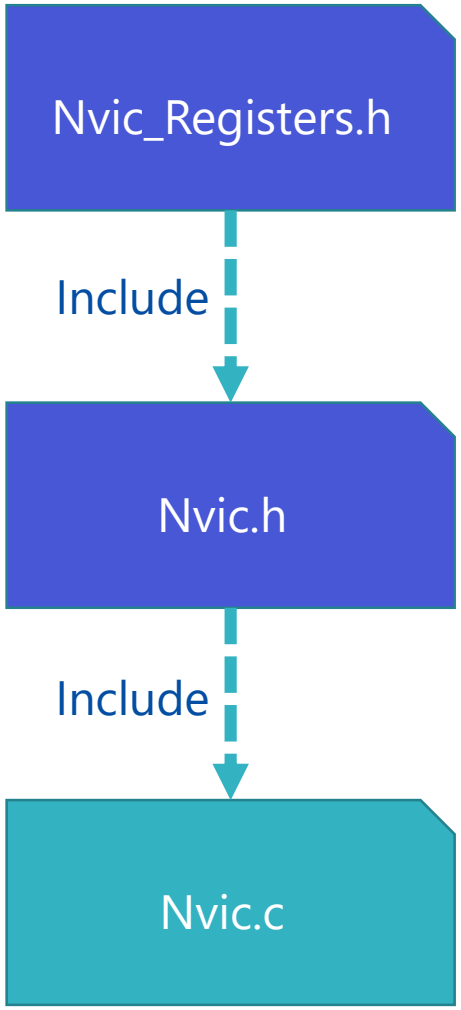


2.1. Nvic Driver



2.1. Nvic Driver

Source File - API



NVIC 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 );
```

Thank you