

1- Explain context switching in ARM cortex

The context switching when an exception occurs in the ARM Cortex-M CPU is handled using a hardware and software component.

2-Difference between Autosar and non-autosar projects:

AUTOSAR is a standard defining embedded software and a development flow that supports tasks surrounding basic automotive functions in the context of vehicle system development.

High level AUTOSAR API, Low level non-AUTOSAR API:

Based on AUTOSAR 4.4 and middleware

Configure with 532 Design studio IDE

And When the driver can support both. don't use AUTOSAR

3-Discuss the difference between AHB and APB:

The main difference between AHB and APB is their speed and intended use. AHB is designed for high-performance applications that require fast data transfer rates and low-latency communication, while APB is designed for slower peripherals that do not require high-speed data transfers.