

STM32F429 Overview

Introduction

The STM32F429 is a Cortex-M4 MCU aimed at various applications. It features:

- ARM Cortex-M4 up to 180MHz with FPU
- 2MB internal Flash Memory
- External memory support through FMC controller (PSRAM, SDRAM, NOR, NAND)
- I2C, SPI, SAI, CAN, USB OTG, Ethernet controllers
- LCD controller & Camera interface
- Cryptographic processor

Resources

Datasheet and reference manual are publicly available on ST website ([STM32F429](#)).

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