

STM32 ARM Linux Overview

Introduction

The STMicroelectronics STM32 family of Cortex-A microprocessors (MPUs) and Cortex-M microcontrollers (MCUs) are supported by the 'STM32' platform of ARM Linux.

Configuration

For MCUs, use the provided default configuration:

```
make stm32_defconfig
```

For MPUs, use multi_v7 configuration:

```
make multi_v7_defconfig
```

Layout

All the files for multiple machine families are located in the platform code contained in arch/arm/mach-stm32

There is a generic board board-dt.c in the mach folder which support Flattened Device Tree, which means, it works with any compatible board with Device Trees.

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