

1 Introduction

MM32F103 – ARM Cortex-M3 Core Frequency up to 96 MHz, Flash up to 128 KB, SRAM up to 20 KB, Support power saving mode: sleep, and standby mode Analog peripherals 16 channels x 12bit, 1us ADC, 2 x ADC, Up to 3 x UART, Up to 2 x SPI, up to 2 x I2C, up to 1 x USB ,up to 1 x CAN,up to 2 x 12 bit DAC On-chip resources include : 1 x Advanced Timer, 1 x SysTick Timer, 2 x WDG , Clock: HSI and LSI ,Timer/Counter/PWM Analog

1.1 MM32F103XB

Frequency: 96MHz

Memory: 128 kB Flash, 20 kB RAM

Communication: up to 3 x UART, up to 2 x SPI, up to 2 x I2C,CAN, USB

Analog : ADC

power saving mode:stop, sleep, and standby mode

1.2 MM32F103X8

Frequency: 96MHz

Memory: 128 kB Flash, 20 kB RAM

Communication:up to 3 x UART, up to 2 x SPI, up to 2 x I2C,USB, CAN

Analog : ADC, DAC

power saving mode:stop, sleep, and standby mode

2 Reference

The relevant data manual and user manual of the product and the corresponding reference version can be downloaded from the official website of Shanghai Mindmotion Microelectronics Co., Ltd. (<http://www.mindmotion.com.cn>), and you can switch between Chinese and English on the homepage of the official website, and then click Download to download the required information.

2.1 Links

Manual:include datasheet and user manual <http://www.mindmotion.com.cn/download.aspx?cid=2531>

Kits: include development Kit, <http://www.mindmotion.com.cn/download.aspx?cid=2545>