1 Introduction

MM32F103xCxE - ARM Cortex-M3 Core Frequency up to 96 MHz, Flash up to 512 KB, SRAM up to 128KB, Support power saving mode: sleep, and standby mode. Analog peripherals 10 channels x 12bit, 1us ADC, 1 x ADC,2x COMP, Up to 8x UART, Up to 3 x SPI, 2 x I2C , up to 1 x USB OTG, up to 1x CAN, up to 1 x SDIO, 5 channels DMA (support Timer、UART、I2C、SPI 、SDIOand ADC) . On-chip Timer resources include : 1 x Advanced Timer, 1 x SysTick Timer, 2 x WDG,Timer/Counter/PWM Analog,Clock: HSI (48MHz) and LSI (40KHz) and PLL and LSE(32.768k),RTC.

1.1 MM32F103xC

Frequency: 96MHz

Memory: 256 kB Flash, 64 kB RAM

Communication:up to 8 x UART,up to 3 x SPI, up to 2 x I2C, USB, CAN, up to 1 x SDIO

Analog : ADC, COMP

1.2 MM32F103xE

Frequency: 96MHz

Memory: 512kB Flash, 128 kB RAM

Communication:up to 8 x UART,up to 3 x SPI, up to 2 x I2C, USB, CAN, up to 1 x SDIO

Analog : ADC, COMP

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