

1 Introduction

MM32SPIN2x - ARM Cortex-M0 Core Frequency up to 96 MHz, Flash up to 128 KB, SRAM up to 12 KB, Support power saving mode: sleep, and standby mode. Analog peripherals up to 16 channels x 12bit, 1us ADC, 2x ADC, Up to 2 x UART, Up to 2 x SPI (18Mbit/s), 1 x I2C (400Kbit/s) ,5 channels DMA (support Timer、UART、I2C、SPI and 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),1 x DIV , up to 5x COMP,up to 2 x OPA.

1.1 MM32SPIN25

Frequency: 96MHz

Memory: 32 kB Flash, 8 kB RAM

Communication: 2 x UART,up to 2 x SPI, 1 x I2C

Analog : ADC, COMP

power saving mode:stop, sleep, and standby mode

Other: DIV

1.2 MM32SPIN27

Frequency: 96MHz

Memory: 128 kB Flash, 12 kB RAM

Communication: 2 x UART, 2 x SPI, 1 x I2C

Analog : ADC, COMP

power saving mode:stop, sleep, and standby mode

Other: DIV

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=2575>

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