

## STM8 MCU 选型列表

## STM8 Standard

Part Number	FLASH Size [kB] - Prog	Internal RAM Size [kB]	Data E2PROM [B] - nom	A/D Converter	12 or 16-bit timers (IC/OC/PWM)	8-bit timer (IC/OC/PWM)	Other timer functions	Serial Interface	I/Os (High Current)	Supply Voltage (Vcc) [V] - min	Supply Voltage (Vcc) [V] - max	Touch sensing FW library	Number of Channels - max
<a href="#">STM8S103F2</a>	4	1	640	5x10-bit	2x16-bit (7/7/7)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/1xUART (IrDa/ISO7816)	16(12)	2.95	5.5	Yes	12
<a href="#">STM8S103F3</a>	8	1	640	5x10-bit	2x16-bit (7/7/7)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/1xUART (IrDa/ISO7816)	16(12)	2.95	5.5	Yes	12
<a href="#">STM8S103K3</a>	8	1	640	5x10-bit	2x16-bit (7/7/10)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/1xUART (IrDa/ISO7816)	28(21)	2.95	5.5	Yes	21
<a href="#">STM8S105K4</a>	16	2	1024	7x10-bit	3x16-bit (8/8/11)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/1xUART (IrDa/ISO7816)	25(12)	2.95	5.5	Yes	21
<a href="#">STM8S105K6</a>	32	2	1024	7x10-bit	3x16-bit (8/8/11)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/1xUART (IrDa/ISO7816)	25(12)	2.95	5.5	Yes	21
<a href="#">STM8S105S4</a>	16	2	1024	9x10-bit	3x16-bit (8/8/11)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/1xUART (IrDa/ISO7816)	34(15)	2.95	5.5	Yes	22
<a href="#">STM8S105S6</a>	32	2	1024	9x10-bit	3x16-bit (8/8/11)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/1xUART (IrDa/ISO7816)	34(15)	2.95	5.5	Yes	22
<a href="#">STM8S105C4</a>	16	2	1024	10x10-bit	3x16-bit (9/9/12)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/1xUART (IrDa/ISO7816)	38(16)	2.95	5.5	Yes	23
<a href="#">STM8S105C6</a>	32	2	1024	10x10-bit	3x16-bit (9/9/12)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/1xUART (IrDa/ISO7816)	38(16)	2.95	5.5	Yes	23
<a href="#">STM8S207K6</a>	32	2	1024	7x10-bit	3x16-bit (8/8/11)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/1xUART (IrDa/ISO7816)	25(12)	2.95	5.5	Yes	21
<a href="#">STM8S207S6</a>	32	2	1024	9x10-bit	3x16-bit (8/8/11)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/2xUART (IrDa/ISO7816)	34(15)	2.95	5.5	Yes	22
<a href="#">STM8S207S8</a>	64	4	1536	9x10-bit	3x16-bit (8/8/11)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/2xUART (IrDa/ISO7816)	34(15)	2.95	5.5	Yes	22
<a href="#">STM8S207C6</a>	32	2	1024	10x10-bit	3x16-bit (9/9/12)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/2xUART (IrDa/ISO7816)	38(16)	2.95	5.5	Yes	23
<a href="#">STM8S207C8</a>	64	4	1536	10x10-bit	3x16-bit (9/9/12)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/2xUART (IrDa/ISO7816)	38(16)	2.95	5.5	Yes	23
<a href="#">STM8S207CB</a>	128	6	2048	10x10-bit	3x16-bit (9/9/12)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/2xUART (IrDa/ISO7816)	38(16)	2.95	5.5	Yes	23
<a href="#">STM8S207R6</a>	32	2	1024	16x10-bit	3x16-bit (9/9/12)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/2xUART (IrDa/ISO7816)	52(16)	2.95	5.5	Yes	24
<a href="#">STM8S207R8</a>	64	4	1536	16x10-bit	3x16-bit (9/9/12)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/2xUART (IrDa/ISO7816)	52(16)	2.95	5.5	Yes	24
<a href="#">STM8S207RB</a>	128	6	2048	16x10-bit	3x16-bit (9/9/12)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/2xUART (IrDa/ISO7816)	52(16)	2.95	5.5	Yes	24
<a href="#">STM8S207SB</a>	128	6	1536	16x10-bit	3x16-bit (9/9/12)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/2xUART (IrDa/ISO7816)	68(20)	2.95	5.5	Yes	24
<a href="#">STM8S207MB</a>	128	6	2048	16x10-bit	3x16-bit (9/9/12)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/2xUART (IrDa/ISO7816)	68(18)	2.95	5.5	Yes	24
<a href="#">STM8S208RB</a>	128	6	2048	16x10-bit	3x16-bit (9/9/12)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/2xUART (IrDa/ISO7816)/1xCAN	52(16)	2.95	5.5	Yes	24
<a href="#">STM8S208MB</a>	128	6	2048	16x10-bit	3x16-bit (9/9/12)	1x8-bit	2 x WDG, beep	1xSPI/1xI2C/2xUART (IrDa/ISO7816)/1xCAN	68(18)	2.95	5.5	Yes	24

## STM8L EnergyLite

Part Number	FLASH Size [kB] - Prog	Internal RAM Size [kB]	Data E2PROM [B] - nom	A/D Converter	12 or 16-bit timers (IC/OC/PWM)	8-bit timer (IC/OC/PWM)	Other timer functions	Serial Interface	I/Os (High Current)	Supply Voltage (Vcc) [V] - min	Supply Voltage (Vcc) [V] - max	Touch sensing FW library
<a href="#">STM8L101F3</a>	8	1.5	2048	-	2x16-bit	1x8-bit	IWD, AWU, beeper	1xSPI/1xI2C/1xUSART/1xIRTx	18	1.65	3.6	Yes
<a href="#">STM8L151K4</a>	16	2	1024	21x12-bit	3x16-bit	1x8-bit	2 x WDG, AWU, RTC, beeper	1xSPI/1xI2C/1xUSART (IrDa/ISO7816)	29	1.65	3.6	Yes
<a href="#">STM8L152C6</a>	32	2	1024	25x12-bit	3x16-bit	1x8-bit	2 x WDG, AWU, RTC, beeper	1xSPI/1xI2C/1xUSART (IrDa/ISO7816)	41	1.65	3.6	Yes