



MCU产品选型列表

V2.30

No	Part No.	Max Freq. (MHz)	Memory (KB)		GPIO	Communication Interfaces					Timers			ADC (12bits) cell/channels	Supply Voltage(V)	Package	replace
			Flash	RAM		I2C	SPI	U(S)ART	USB DEVICE	CAN 2.0B	16-bits Timer	Motor Control Timer (16 bits)	WDG/RTC				
1	AST32F031F6P	48	32	4	17	1	1	1	/	/	4	1	1	1/12	2.7-5.5	TSSOP20	STM32F031F6P
2	AST32F031K6U	48	32	4	27	1	1	1	/	/	4	1	1	1/12	2.7-5.5	QFN32	STM32F031K6U
3	AST32F103KBU	72	128	20	18	2	2	3	1	1	4	1	2/1	2/16	2.7-5.5	QFN32	
4	AST32F103CBT	72	128	20	37	2	2	3	1	1	4	1	2/1	2/16	2.7-5.5	LQFP48	STM32F103CBT
5	AST32F103RBT	72	128	20	51	2	2	3	1	1	4	1	2/1	2/16	2.7-5.5	LQFP64	STM32F103RBT
6	AST32F103VBT	72	128	20	80	2	2	3	1	1	4	1	2/1	2/16	2.7-5.5	LQFP100	STM32F103VBT
7	AST32F103ZG	72	1024	96	112	2	3	5	1	1	10	1	2/1	3/16	2.7-5.5	LQFP144	STM32F103ZGT
8	AST32F107VCx	72	1024	128	80	2	3	5	1	1	6	2	2/1	3/16	2.7-3.6	LQFP/BGA100	STM32F107VC
9	AST32F403RGT	200	1024	128	51	3	4	5	1	1	10	2	2/1	3/16	2.7-3.6	LQFP64	
10	AST32F403VGT	200	1024	128	80	3	4	5	1	1	10	2	2/1	3/16	2.7-3.6	LQFP100	
11	AST32F407XXX	168	3072	196	140	3	5	6	2	2	10	2	2/1	3/24	2.7-3.6	LQFP100/144/ BGA100	STM32F407XXX
12	AST1451 (8位MCU)	72	64	4	29	1	1	2	/	/	7	1	1	2/20	2.7-3.6	QFN32	EFM8LB12F64E-B-QFN32

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