

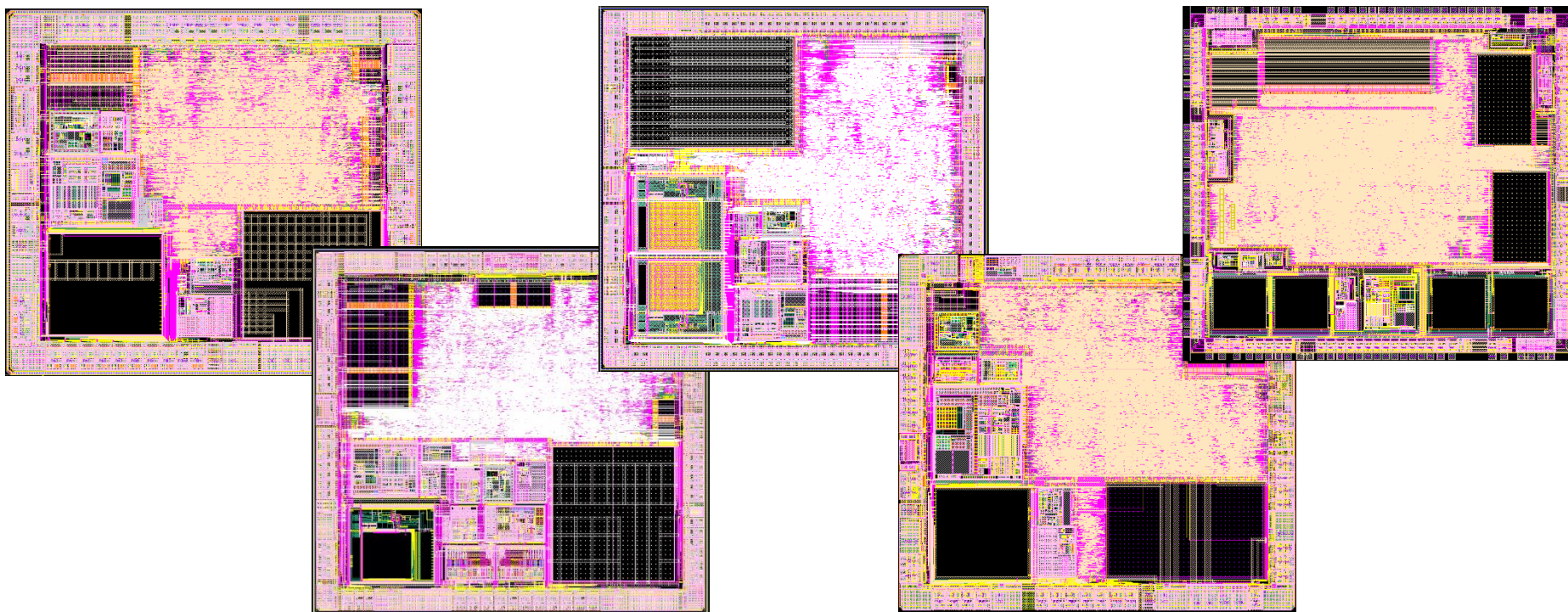


闪芯微

产品列表

V20231123

32 位工业级 MCU



FCM32F0 系列工业级 MCU, arm Cortex-M0 core, 1.7~5.5V

Part No.	Silicon Version	Frequency (MHz)	FLASH Turbo	Flash (KB)	SRAM (KB)	GPIO	16bit Timer	32bit Timer	SysTick Timer	WDG	RTC	ADC Engine	ADC Channel	DAC Channel	OPAMP	COMP	TSC Channel	SPI	I2S	I2C	U(S)ART	CEC	USB D	USB H D	USB HUB	CAN	bxCAN	exCAN	HAU	LLSI Channel	PLib	Package
FCM32F030F6P6	B/D	72	-	32	4	15	6	0	1	2	1	1	11	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	○	-	-	TSSOP20
FCM32F030K6T6	B/D	72	-	32	4	26	6	0	1	2	1	1	12	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	○	-	-	LQFP32
FCM32F030C8T6	B/D	72	-	64	8	39	6	0	1	2	1	1	12	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	○	-	-	LQFP48
FCM32F030CCT6	B	72	-	256	24	37	7	1	1	2	1	1	12	-	-	-	-	2	2	2	4	-	-	-	-	-	-	-	√	-	√	LQFP48
FCM32F030RCT6	B	72	-	256	24	51	7	1	1	2	1	1	18	-	-	-	-	2	2	2	4	-	-	-	-	-	-	-	√	-	√	LQFP64
FCM32F031K6T6	B/D	72	-	32	4	25	5	1	1	2	1	1	13	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	○	-	-	LQFP32
FCM32F031K6U6	B/D	72	-	32	4	25	5	1	1	2	1	1	13	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	○	-	-	QFN32
FCM32F031C6T6	B/D	72	-	32	4	39	5	1	1	2	1	1	13	-	-	-	-	2	2	1	1	-	-	-	-	-	-	-	○	-	-	LQFP48
FCM32F042F6P6	B/D	72	-	32	8	16	5	1	1	2	1	1	12	-	-	-	7	1	1	1	2	Δ	1	-	-	1	-	-	○	-	-	TSSOP20
FCM32F042K6T6	B/D	72	-	32	8	26	5	1	1	2	1	1	13	-	-	-	13	1	1	1	2	Δ	1	-	-	1	-	-	○	-	-	LQFP32
FCM32F042K6U6	B/D	72	-	32	8	28	5	1	1	2	1	1	13	-	-	-	13	1	1	1	2	Δ	1	-	-	1	-	-	○	-	-	QFN32
FCM32F042C6T6	B/D	72	-	32	8	38	5	1	1	2	1	1	13	-	-	-	14	2	2	1	2	Δ	1	-	-	1	-	-	○	-	-	LQFP48
FCM32F042C6U6	B/D	72	-	32	8	38	5	1	1	2	1	1	13	-	-	-	14	2	2	1	2	Δ	1	-	-	1	-	-	○	-	-	QFN48
FCM32F051C8T6	B	72	-	64	8	39	6	1	1	2	1	1	13	1	-	2	-	2	2	2	2	1	-	-	-	-	-	-	√	-	√	LQFP48
FCM32F051R8T6	B	72	-	64	8	55	6	1	1	2	1	1	19	1	-	2	-	2	2	2	2	1	-	-	-	-	-	-	√	-	√	LQFP64
FCM32F070CBT6	B	72	-	128	16	37	7	1	1	2	1	1	12	-	-	-	-	2	2	2	4	-	1	-	-	-	-	-	√	-	√	LQFP48
FCM32F070RBT6	B	72	-	128	16	51	7	1	1	2	1	1	18	-	-	-	-	2	2	2	4	-	1	-	-	-	-	-	√	-	√	LQFP64
FCM32F071C8T6	B	72	-	64	16	37	8	1	1	2	1	1	13	2	-	2	17	2	2	2	4	1	-	-	-	-	-	-	√	-	√	LQFP48
FCM32F071CBT6	B	72	-	128	16	37	8	1	1	2	1	1	13	2	-	2	17	2	2	2	4	1	-	-	-	-	-	-	√	-	√	LQFP48
FCM32F071R8T6	B	72	-	64	16	51	8	1	1	2	1	1	19	2	-	2	18	2	2	2	4	1	-	-	-	-	-	-	√	-	√	LQFP64
FCM32F071RBT6	B	72	-	128	16	51	8	1	1	2	1	1	19	2	-	2	18	2	2	2	4	1	-	-	-	-	-	-	√	-	√	LQFP64

FCM32F072C8T6	B	72	-	64	16	37	8	1	1	2	1	1	13	2	-	2	17	2	2	2	4	1	1	-	-	-	1	-	√	7	√	LQFP48
FCM32F072CBT6	B	72	-	128	16	37	8	1	1	2	1	1	13	2	-	2	17	2	2	2	4	1	1	-	-	-	1	-	√	7	√	LQFP48
FCM32F072R8T6	B	72	-	64	16	51	8	1	1	2	1	1	19	2	-	2	18	2	2	2	4	1	1	-	-	-	1	-	√	7	√	LQFP64
FCM32F072RBT6	B	72	-	128	16	51	8	1	1	2	1	1	19	2	-	2	18	2	2	2	4	1	1	-	-	-	1	-	√	7	√	LQFP64
FCM32F091CBT6	B	72	-	128	24	37	8	1	1	2	1	1	13	2	-	-	17	2	2	2	6	1	-	-	-	-	1	-	√	7	√	LQFP48
FCM32F091CCT6	B	72	-	256	24	37	8	1	1	2	1	1	13	2	-	-	17	2	2	2	6	1	-	-	-	-	1	-	√	7	√	LQFP48
FCM32F091RBT6	B	72	-	128	24	51	8	1	1	2	1	1	19	2	-	-	18	2	2	2	8	1	-	-	-	-	1	-	√	7	√	LQFP64
FCM32F091RCT6	B	72	-	256	24	51	8	1	1	2	1	1	19	2	-	-	18	2	2	2	8	1	-	-	-	-	1	-	√	7	√	LQFP64
FCM32F092CBT6	B	72	-	128	24	37	8	1	1	2	1	1	13	2	1	2	17	2	2	2	6	1	1	-	-	-	2	-	√	7	√	LQFP48
FCM32F092CCT6	B	72	-	256	24	37	8	1	1	2	1	1	13	2	1	2	17	2	2	2	6	1	1	-	-	-	2	-	√	7	√	LQFP48
FCM32F092RBT6	B	72	-	128	24	51	8	1	1	2	1	1	19	2	1	2	18	2	2	2	8	1	1	-	-	-	2	-	√	7	√	LQFP64
FCM32F092RCT6	B	72	-	256	24	51	8	1	1	2	1	1	19	2	1	2	18	2	2	2	8	1	1	-	-	-	2	-	√	7	√	LQFP64
FCM32F095CBT6	B	72	-	128	24	37	8	1	1	2	1	1	13	2	1	2	17	2	2	2	6	1	-	1	-	-	-	2	√	7	√	LQFP48
FCM32F095CCT6	B	72	-	256	24	37	8	1	1	2	1	1	13	2	1	2	17	2	2	2	6	1	-	1	-	-	-	2	√	7	√	LQFP48
FCM32F095RBT6	B	72	-	128	24	51	8	1	1	2	1	1	19	2	1	2	18	2	2	2	8	1	-	1	-	-	-	2	√	7	√	LQFP64
FCM32F095RCT6	B	72	-	256	24	51	8	1	1	2	1	1	19	2	1	2	18	2	2	2	8	1	-	1	-	-	-	2	√	7	√	LQFP64
FCM32F096KCU6	B	72	-	256	24	28	8	1	1	2	1	1	12	2	1	2	13	2	2	2	4	1	-	1	1	-	-	2	√	5	√	QFN32
FCM32F096CBT6	B	72	-	128	24	37	8	1	1	2	1	1	13	2	1	2	17	2	2	2	6	1	-	1	1	-	-	2	√	7	√	LQFP48
FCM32F096CCT6	B	72	-	256	24	37	8	1	1	2	1	1	13	2	1	2	17	2	2	2	6	1	-	1	1	-	-	2	√	7	√	LQFP48
FCM32F096RBT6	B	72	-	128	24	51	8	1	1	2	1	1	19	2	1	2	18	2	2	2	8	1	-	1	1	-	-	2	√	7	√	LQFP64
FCM32F096RCT6	B	72	-	256	24	51	8	1	1	2	1	1	19	2	1	2	18	2	2	2	8	1	-	1	1	-	-	2	√	7	√	LQFP64
FCM32F096RCS6	B	72	-	256	24	51	8	1	1	2	1	1	19	2	1	2	18	2	2	2	8	1	-	1	1	-	-	2	√	7	√	LQFP64

△: 仅存在于 B 版 ○: 仅存在于 D 版

FCM32H0 系列工业级 MCU, 100MHz arm Cortex-M0 core, 1.7~5.5V

Part No.	Silicon Version	Frequency (MHz)	FLASH Turbo	Flash (KB)	SRAM (KB)	GPIO	16bit Timer	32bit Timer	SysTick Timer	WDG	RTC	ADC Engine	ADC Channel	DAC Channel	OPAMP	COMP	TSC Channel	SPI	I2S	I2C	U(S)ART	CEC	USB D	USB H D	USB HUB	CAN	bxCAN	exCAN	HAU	LLSI Channel	PLib	Package
FCM32H042F8P6	B/D	100	√	64	8	16	5	1	1	2	1	1	12	-	-	-	7	1	1	2	2	Δ	1	-	-	1	-	-	○	-	-	TSSOP20
FCM32H042K8T6	B/D	100	√	64	8	26	5	1	1	2	1	1	13	-	-	-	13	1	1	2	2	Δ	1	-	-	1	-	-	○	-	-	LQFP32
FCM32H042K8U6	B/D	100	√	64	8	28	5	1	1	2	1	1	13	-	-	-	13	1	1	2	2	Δ	1	-	-	1	-	-	○	-	-	QFN32
FCM32H042C8T6	B/D	100	√	64	8	38	5	1	1	2	1	1	13	-	-	-	14	2	2	2	2	Δ	1	-	-	1	-	-	○	-	-	LQFP48
FCM32H042C8U6	B/D	100	√	64	8	38	5	1	1	2	1	1	13	-	-	-	14	2	2	2	2	Δ	1	-	-	1	-	-	○	-	-	QFN48

Δ: 仅存在于 B 版 ○: 仅存在于 D 版



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