STM32F767VITx

STM32F777VITx

STM32F767VI

STM32F777VI

7.428

7.747

LQFP100 (14x14mm)

LQFP100 (14x14mm)

2048 kBytes

2048 kBytes

512 kBytes

512 kBytes

82

82

216 MHz

216 MHz

Reference	ice for 10kl	Package	Flash	RAM	Ю	Freg.	ADC 12-bit	CAN	DAC 12-bit	I2C	RTC	SPI	Timer 16-bit	Timer 32-bit	UART	USART	USB OTG FS	USB OTG_HS
								_	2	3	1	3		2	2	4	1	1
STM32F407VETx	4.772	LQFP100 (14x14mm)	512 kBytes	192 kBytes	82	168 MHz	16	2	2	3	1	3	12	2	2	4	1	1
STM32F407VGTx	5.623	LQFP100 (14x14mm)	1024 kBytes	192 kBytes	82	168 MHz	16	2	2	3	1	3	12	2	2	4	1	1
STM32F412VETx	3.606	LQFP100 (14x14mm)	512 kBytes	256 kBytes	81	100 MHz	16	2	0	3	1	5	12	2	0	4	1	0
STM32F412VGTx	4.457	LQFP100 (14x14mm)	1024 kBytes	256 kBytes	81	100 MHz	16	2	0	3	1	5	12	2	0	4	1	0
STM32F413VGTx	4.816	LQFP100 (14x14mm)	1024 kBytes	320 kBytes	81	100 MHz	16	3	2	3	1	5	12	2	6	4	1	0
STM32F413VHTx	5.348	LQFP100 (14x14mm)	1536 kBytes	320 kBytes	81	100 MHz	16	3	2	3	1	5	12	2	6	4	1	0
STM32F415VGTx	5.602	LQFP100 (14x14mm)	1024 kBytes	192 kBytes	82	168 MHz	16	2	2	3	1	3	12	2	2	4	1	1
STM32F417VETx	5.091	LQFP100 (14x14mm)	512 kBytes	192 kBytes	82	168 MHz	16	2	2	3	1	3	12	2	2	4	1	1
STM32F417VGTx	5.943	LQFP100 (14x14mm)	1024 kBytes	192 kBytes	82	168 MHz	16	2	2	3	1	3	12	2	2	4	1	1
STM32F423VHTx	5.667	LQFP100 (14x14mm)	1536 kBytes	320 kBytes	81	100 MHz	16	3	2	3	1	5	12	2	6	4	1	0
STM32F427VGTx	5.848	LQFP100 (14x14mm)	1024 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F427VITx	6.7	LQFP100 (14x14mm)	2048 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F429VETx	5.295	LQFP100 (14x14mm)	512 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F429VGTx	6.146	LQFP100 (14x14mm)	1024 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F429VITx	6.998	LQFP100 (14x14mm)	2048 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F437VGTx	6.168	LQFP100 (14x14mm)	1024 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F437VITx	7.019	LQFP100 (14x14mm)	2048 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
		LQFP100 (14x14mm)	1024 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4		2	4	4	1	1
		LQFP100 (14x14mm)	2048 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4		2	4	4	1	1
STM32F446VETx		LQFP100 (14x14mm)	512 kBytes	128 kBytes	81	180 MHz	16	2	2	3	1	4	12	2	2	4	1	1
		, ,			71			-	2	3	1	4		2	3	4	1	1
		, ,			71		14			3	1	4		2	3	4	1	1
		LQFP100 (14x14mm)			71		14	2	2	3	1	4		2	3	4	1	1
		, ,			71				2	3	1	4		2	3	4	1	1
		LQFP100 (14x14mm)	2048 kBytes		71	180 MHz	14	2	2	3	1	4		2	3	4	1	1
		LQFP100 (14x14mm)	512 kBytes		82	216 MHz	16	1	2	3	1	4		2	4	4	1	1
		, ,				216 MHz		1	_	3	1	4		_	4	4	1	1
		, ,				216 MHz		1		3	1	4		_	4	4	1	1
		, ,	_		82		16	1		3	1	4			4	4	1	1
		, ,						1		3	1	4			4	4	1	1
		, ,								4	1	4		2	4	4	1	1
		, ,								4	1	4			4	4	1	1
		, ,		320 kBytes				2		4	1	4		2	4	4	1	1
		LQFP100 (14x14mm)	1024 kBytes	320 kBytes	82			2	2	4	1	4		2	4	4	1	1
		, ,			82					4	1	4		2	4	4	1	1
		, ,			82			3	2	4	1	5		2	4	4	1	1
		LQFP100 (14x14mm)	,	512 kBytes	82		16	3	2	4	1	5		2	4	4	1	1
STM32F767VGTx	6.577	LQFP100 (14x14mm)	1024 kBytes	512 kBytes	82	216 MHz	16	3	2	4	1	5	12	2	4	4	1	1
	STM32F405VGTX STM32F407VETX STM32F407VGTX STM32F412VETX STM32F412VGTX STM32F413VGTX STM32F413VHTX STM32F415VGTX STM32F417VETX STM32F417VGTX STM32F427VGTX STM32F427VITX STM32F429VETX STM32F429VETX STM32F429VGTX STM32F429VITX STM32F439VITX STM32F439VGTX STM32F439VITX	STM32F405VGTx 5.283 STM32F407VETx 4.772 STM32F407VGTx 5.623 STM32F412VETx 3.606 STM32F412VGTx 4.457 STM32F413VHTx 5.348 STM32F413VHTx 5.602 STM32F415VGTx 5.602 STM32F417VETx 5.091 STM32F417VGTx 5.943 STM32F423VHTx 5.667 STM32F427VGTx 5.848 STM32F429VETx 5.295 STM32F429VGTx 6.146 STM32F429VITx 6.998 STM32F437VITx 7.019 STM32F439VGTx 6.466 STM32F439VITx 7.317 STM32F469VETx 5.528 STM32F469VETx 5.528 STM32F469VITx 7.231 STM32F479VGTx 6.699 STM32F723VETx 4.685 STM32F723VETx 4.685 STM32F733VETx 5.11 STM32F745VGTx 5.965 STM32F746VGTx 5.965 STM32F765VGTx 6.583	STM32F405VGTX 5.283 LQFP100 (14x14mm) STM32F407VETX 4.772 LQFP100 (14x14mm) STM32F407VGTX 5.623 LQFP100 (14x14mm) STM32F412VETX 3.606 LQFP100 (14x14mm) STM32F412VGTX 4.457 LQFP100 (14x14mm) STM32F413VHTX 5.348 LQFP100 (14x14mm) STM32F415VGTX 5.602 LQFP100 (14x14mm) STM32F417VETX 5.091 LQFP100 (14x14mm) STM32F417VGTX 5.943 LQFP100 (14x14mm) STM32F417VGTX 5.943 LQFP100 (14x14mm) STM32F427VGTX 5.848 LQFP100 (14x14mm) STM32F427VTX 6.67 LQFP100 (14x14mm) STM32F429VETX 5.295 LQFP100 (14x14mm) STM32F429VTX 6.98 LQFP100 (14x14mm) STM32F439VTX 6.168 LQFP100 (14x14mm) STM32F439VGTX 6.168 LQFP100 (14x14mm) STM32F439VGTX 6.168 LQFP100 (14x14mm) STM32F439VGTX 6.366 LQFP100 (14x14mm) STM32F439VGTX 6.379 LQFP100 (14x14mm) <td>STM32F405VGTx 5.283 LQFP100 (14x14mm) 1024 kBytes STM32F407VETX 4.772 LQFP100 (14x14mm) 512 kBytes STM32F407VGTx 3.606 LQFP100 (14x14mm) 1024 kBytes STM32F412VETx 3.606 LQFP100 (14x14mm) 1024 kBytes STM32F412VGTx 4.457 LQFP100 (14x14mm) 1024 kBytes STM32F413VHTx 5.348 LQFP100 (14x14mm) 1024 kBytes STM32F415VGTx 5.602 LQFP100 (14x14mm) 1024 kBytes STM32F417VGTx 5.091 LQFP100 (14x14mm) 1024 kBytes STM32F417VGTx 5.943 LQFP100 (14x14mm) 1024 kBytes STM32F427VGTx 5.848 LQFP100 (14x14mm) 1024 kBytes STM32F427VITX 6.67 LQFP100 (14x14mm) 1024 kBytes STM32F429VGTx 5.295 LQFP100 (14x14mm) 2048 kBytes STM32F429VGTx 6.146 LQFP100 (14x14mm) 2048 kBytes STM32F439VTX 6.098 LQFP100 (14x14mm) 2048 kBytes STM32F439VTX 7.019 LQFP100 (14x14mm) 2048 kBytes</td> <td>STM32F405VGTx 5.283 LQFP100 (14x14mm) 1024 kBytes 192 kBytes STM32F407VCTX 4.772 LQFP100 (14x14mm) 512 kBytes 192 kBytes STM32F407VGTX 5.623 LQFP100 (14x14mm) 1024 kBytes 192 kBytes STM32F412VETX 3.606 LQFP100 (14x14mm) 1024 kBytes 256 kBytes STM32F413VGTX 4.816 LQFP100 (14x14mm) 1024 kBytes 320 kBytes STM32F413VHTX 5.348 LQFP100 (14x14mm) 1024 kBytes 320 kBytes STM32F413VHTX 5.602 LQFP100 (14x14mm) 1024 kBytes 192 kBytes STM32F417VGTX 5.601 LQFP100 (14x14mm) 1024 kBytes 192 kBytes STM32F417VGTX 5.943 LQFP100 (14x14mm) 1024 kBytes 192 kBytes STM32F427VGTX 5.848 LQFP100 (14x14mm) 1024 kBytes 226 kBytes STM32F429VETX 5.295 LQFP100 (14x14mm) 1024 kBytes 256 kBytes STM32F429VETX 6.984 LQFP100 (14x14mm) 2024 kBytes 256 kBytes STM32F439VTX 6.166</td> <td>STM32F405VGTX 5.283 LQFP100 (14x14mm) 1024 kBytes 192 kBytes 82 STM32F407VGTX 4.772 LQFP100 (14x14mm) 512 kBytes 192 kBytes 82 STM32F407VGTX 5.623 LQFP100 (14x14mm) 1024 kBytes 192 kBytes 82 STM32F412VGTX 3.606 LQFP100 (14x14mm) 512 kBytes 256 kBytes 81 STM32F412VGTX 4.457 LQFP100 (14x14mm) 1024 kBytes 256 kBytes 81 STM32F413VGTX 4.816 LQFP100 (14x14mm) 1024 kBytes 230 kBytes 81 STM32F413VHTX 5.602 LQFP100 (14x14mm) 1024 kBytes 192 kBytes 82 STM32F417VGTX 5.602 LQFP100 (14x14mm) 1024 kBytes 192 kBytes 82 STM32F417VGTX 5.667 LQFP100 (14x14mm) 1024 kBytes 192 kBytes 82 STM32F427VGTX 5.848 LQFP100 (14x14mm) 1024 kBytes 256 kBytes 82 STM32F427VITX 5.67 LQFP100 (14x14mm) 1024 kBytes 256 kBytes 82</td> <td> STM32F405VGTX</td> <td> STM32F40FVGTX</td> <td> STM32F407VETX</td> <td> STM32F407VGTX</td> <td> STM32F40FVCTX</td> <td> STM32F405VGTX</td> <td> STM32F40FVGTX</td> <td> STMS2F407VETN</td> <td> STMSP40F0VETN 4.772 CPF130 (144.14mm) 10.24 kBytes 192 kBytes 82 168 kHtz 16 2 2 3 1 3 12 2 </td> <td> STMS#2F407VGTX 5.283 LQFP100 (L4A-41mm) 1024 kBytes 392 kBytes 82 168 MHz 16 2 2 3 1 3 12 2 2 2 2 2 2 2 2 </td> <td> STMSP409VGTX 5.283 LOFF100 (14x14mm) 12/4 kBytes 19/4 kBytes 82 188 MHz 16 2 2 3 1 3 12 2 2 4 </td> <td> STMSPEATURES 4.772 C.PETIO (1444-14mm) 1024 kHyles 192 kHyles 22 186 MHz 16 2 2 3 1 3 12 2 2 4 1 </td>	STM32F405VGTx 5.283 LQFP100 (14x14mm) 1024 kBytes STM32F407VETX 4.772 LQFP100 (14x14mm) 512 kBytes STM32F407VGTx 3.606 LQFP100 (14x14mm) 1024 kBytes STM32F412VETx 3.606 LQFP100 (14x14mm) 1024 kBytes STM32F412VGTx 4.457 LQFP100 (14x14mm) 1024 kBytes STM32F413VHTx 5.348 LQFP100 (14x14mm) 1024 kBytes STM32F415VGTx 5.602 LQFP100 (14x14mm) 1024 kBytes STM32F417VGTx 5.091 LQFP100 (14x14mm) 1024 kBytes STM32F417VGTx 5.943 LQFP100 (14x14mm) 1024 kBytes STM32F427VGTx 5.848 LQFP100 (14x14mm) 1024 kBytes STM32F427VITX 6.67 LQFP100 (14x14mm) 1024 kBytes STM32F429VGTx 5.295 LQFP100 (14x14mm) 2048 kBytes STM32F429VGTx 6.146 LQFP100 (14x14mm) 2048 kBytes STM32F439VTX 6.098 LQFP100 (14x14mm) 2048 kBytes STM32F439VTX 7.019 LQFP100 (14x14mm) 2048 kBytes	STM32F405VGTx 5.283 LQFP100 (14x14mm) 1024 kBytes 192 kBytes STM32F407VCTX 4.772 LQFP100 (14x14mm) 512 kBytes 192 kBytes STM32F407VGTX 5.623 LQFP100 (14x14mm) 1024 kBytes 192 kBytes STM32F412VETX 3.606 LQFP100 (14x14mm) 1024 kBytes 256 kBytes STM32F413VGTX 4.816 LQFP100 (14x14mm) 1024 kBytes 320 kBytes STM32F413VHTX 5.348 LQFP100 (14x14mm) 1024 kBytes 320 kBytes STM32F413VHTX 5.602 LQFP100 (14x14mm) 1024 kBytes 192 kBytes STM32F417VGTX 5.601 LQFP100 (14x14mm) 1024 kBytes 192 kBytes STM32F417VGTX 5.943 LQFP100 (14x14mm) 1024 kBytes 192 kBytes STM32F427VGTX 5.848 LQFP100 (14x14mm) 1024 kBytes 226 kBytes STM32F429VETX 5.295 LQFP100 (14x14mm) 1024 kBytes 256 kBytes STM32F429VETX 6.984 LQFP100 (14x14mm) 2024 kBytes 256 kBytes STM32F439VTX 6.166	STM32F405VGTX 5.283 LQFP100 (14x14mm) 1024 kBytes 192 kBytes 82 STM32F407VGTX 4.772 LQFP100 (14x14mm) 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4	STMSPEATURES 4.772 C.PETIO (1444-14mm) 1024 kHyles 192 kHyles 22 186 MHz 16 2 2 3 1 3 12 2 2 4 1

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List of MCUs selection: 41 items. Database version: Mon Jun 07 10:53:21 CEST 20 **Filter Value User Selected BigFamily** STM32 Υ Package LQFP100 (14x14mm) Υ Series STM32F4, STM32F7 Υ Core Arm Cortex-M4, Arm Cortex-M7 Υ Line Freq 72 to 216 Υ Flash 512 to 2048 Υ Price 3.606 to 7.747 Ν IO 71 to 82 Ν

0 to 0

128 to 512

12

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Eeprom

Ram

ADC 12-bit

AES

CAN

DAC 12-bit

DCMI

DES/TDES

DFSDM

DSIHOST

Ethernet

FMC

FMPI2C

FSMC

HDMI CEC HMAC

I2C

I2S

LPTIM

MD5

QUADSPI

RTC

SAI

SDIO

SDMMC

SHA

SPDIFRX

SPI TFT LCD

TRNG

Timer 16-bit

Timer 32-bit

UART

USART USB OTG FS

USB OTG_HS