Part No	Reference	ice for 10kU	Package	Flash	RAM	IO	Freq.	ADC 12-bit	CAN	DAC 12-bit	I2C	RTC	SPI	Timer 16-bit	Timer 32-bit	UART	USART	USB OTG_FS	USB OTG_HS
STM32F405VG	STM32F405VGTx	5.283	LQFP100 (14x14mm)	1024 kBytes	192 kBytes	82	168 MHz	16	2	2	3	1	3	12	2	2	4	1	1
STM32F407VE	STM32F407VETx	4.772	LQFP100 (14x14mm)	512 kBytes	192 kBytes	82	168 MHz	16	2	2	3	1	3	12	2	2	4	1	1
STM32F407VG	STM32F407VGTx	5.623	LQFP100 (14x14mm)	1024 kBytes	192 kBytes	82	168 MHz	16	2	2	3	1	3	12	2	2	4	1	1
STM32F412VE	STM32F412VETx	3.606	LQFP100 (14x14mm)	512 kBytes	256 kBytes	81	100 MHz	16	2	0	3	1	5	12	2	0	4	1	0
STM32F412VG	STM32F412VGTx	4.457	LQFP100 (14x14mm)	1024 kBytes	256 kBytes	81	100 MHz	16	2	0	3	1	5	12	2	0	4	1	0
STM32F413VG	STM32F413VGTx	4.816	LQFP100 (14x14mm)	1024 kBytes	320 kBytes	81	100 MHz	16	3	2	3	1	5	12	2	6	4	1	0
STM32F413VH	STM32F413VHTx	5.348	LQFP100 (14x14mm)	1536 kBytes	320 kBytes	81	100 MHz	16	3	2	3	1	5	12	2	6	4	1	0
STM32F415VG	STM32F415VGTx	5.602	LQFP100 (14x14mm)	1024 kBytes	192 kBytes	82	168 MHz	16	2	2	3	1	3	12	2	2	4	1	1
STM32F417VE	STM32F417VETx	5.091	LQFP100 (14x14mm)	512 kBytes	192 kBytes	82	168 MHz	16	2	2	3	1	3	12	2	2	4	1	1
STM32F417VG	STM32F417VGTx	5.943	LQFP100 (14x14mm)	1024 kBytes	192 kBytes	82	168 MHz	16	2	2	3	1	3	12	2	2	4	1	1
STM32F423VH	STM32F423VHTx	5.667	LQFP100 (14x14mm)	1536 kBytes	320 kBytes	81	100 MHz	16	3	2	3	1	5	12	2	6	4	1	0
STM32F427VG	STM32F427VGTx	5.848	LQFP100 (14x14mm)	1024 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F427VI	STM32F427VITx	6.7	LQFP100 (14x14mm)	2048 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F429VE	STM32F429VETx	5.295	LQFP100 (14x14mm)	512 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F429VG	STM32F429VGTx	6.146	LQFP100 (14x14mm)	1024 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F429VI	STM32F429VITx	6.998	LQFP100 (14x14mm)	2048 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F437VG	STM32F437VGTx	6.168	LQFP100 (14x14mm)	1024 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F437VI	STM32F437VITx	7.019	LQFP100 (14x14mm)	2048 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F439VG	STM32F439VGTx	6.466	LQFP100 (14x14mm)	1024 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F439VI	STM32F439VITx	7.317	LQFP100 (14x14mm)	2048 kBytes	256 kBytes	82	180 MHz	16	2	2	3	1	4	12	2	4	4	1	1
STM32F446VE	STM32F446VETx	3.982	LQFP100 (14x14mm)	512 kBytes	128 kBytes	81	180 MHz	16	2	2	3	1	4	12	2	2	4	1	1
STM32F469VE	STM32F469VETx	5.528	LQFP100 (14x14mm)	512 kBytes	384 kBytes	71	180 MHz	14	2	2	3	1	4	12	2	3	4	1	1
STM32F469VG	STM32F469VGTx	6.379	LQFP100 (14x14mm)	1024 kBytes	384 kBytes	71	180 MHz	14	2	2	3	1	4	12	2	3	4	1	1
STM32F469VI	STM32F469VITx	7.231	LQFP100 (14x14mm)	2048 kBytes	384 kBytes	71	180 MHz	14	2	2	3	1	4	12	2	3	4	1	1
STM32F479VG	STM32F479VGTx	6.699	LQFP100 (14x14mm)	1024 kBytes	384 kBytes	71	180 MHz	14	2	2	3	1	4	12	2	3	4	1	1
STM32F479VI	STM32F479VITx	7.55	LQFP100 (14x14mm)	2048 kBytes	384 kBytes	71	180 MHz	14	2	2	3	1	4	12	2	3	4	1	1
STM32F722VE	STM32F722VETx	4.685	LQFP100 (14x14mm)	512 kBytes	256 kBytes	82	216 MHz	16	1	2	3	1	4	12	2	4	4	1	1
STM32F723VC	STM32F723VCTx	4.429	LQFP100 (14x14mm)	512 kBytes	256 kBytes	79	216 MHz	16	1	2	3	1	4	11	2	4	4	1	1
STM32F723VE	STM32F723VETx	4.685	LQFP100 (14x14mm)	512 kBytes	256 kBytes	79	216 MHz	16	1	2	3	1	4	11	2	4	4	1	1
STM32F732VE	STM32F732VETx	4.791	LQFP100 (14x14mm)	512 kBytes	256 kBytes	82	216 MHz	16	1	2	3	1	4	12	2	4	4	1	1
STM32F733VE	STM32F733VETx	5.11	LQFP100 (14x14mm)	512 kBytes	256 kBytes	79	216 MHz	16	1	2	3	1	4	11	2	4	4	1	1
STM32F745VE	STM32F745VETx	5.114	LQFP100 (14x14mm)	512 kBytes	320 kBytes	82	216 MHz	16	2	2	4	1	4	12	2	4	4	1	1
STM32F745VG	STM32F745VGTx	5.965	LQFP100 (14x14mm)	1024 kBytes	320 kBytes	82	216 MHz	16	2	2	4	1	4	12	2	4	4	1	1
STM32F746VE	STM32F746VETx	5.412	LQFP100 (14x14mm)	512 kBytes	320 kBytes	82	216 MHz	16	2	2	4	1	4	12	2	4	4	1	1
STM32F746VG	STM32F746VGTx	6.263	LQFP100 (14x14mm)	1024 kBytes	320 kBytes	82	216 MHz	16	2	2	4	1	4	12	2	4	4	1	1
STM32F756VG	STM32F756VGTx	6.583	LQFP100 (14x14mm)	1024 kBytes	320 kBytes	82	216 MHz	16	2	2	4	1	4	12	2	4	4	1	1
STM32F765VG	STM32F765VGTx	6.346	LQFP100 (14x14mm)	1024 kBytes	512 kBytes	82	216 MHz	16	3	2	4	1	5	12	2	4	4	1	1
STM32F765VI	STM32F765VITx	7.198	LQFP100 (14x14mm)	2048 kBytes	512 kBytes	82	216 MHz	16	3	2	4	1	5	12	2	4	4	1	1
STM32F767VG	STM32F767VGTx	6.577	LQFP100 (14x14mm)	1024 kBytes	512 kBytes	82	216 MHz	16	3	2	4	1	5	12	2	4	4	1	1
STM32F767VI	STM32F767VITx	7.428	LQFP100 (14x14mm)	2048 kBytes	512 kBytes	82	216 MHz	16	3	2	4	1	5	12	2	4	4	1	1
STM32F777VI	STM32F777VITx	7.747	LQFP100 (14x14mm)	2048 kBytes	512 kBytes	82	216 MHz	16	3	2	4	1	5	12	2	4	4	1	1

Filter	Value	User Selected
BigFamily	STM32	Y
Package	LQFP100 (14x14mm)	Y
Series	STM32F4, STM32F7	Y
Core	Arm Cortex-M4, Arm Cortex-M7	Y
Line		Y
Freq	72 to 216	Y
Flash	512 to 2048	Y
Price	3.606 to 7.747	N
IO	71 to 82	N
Eeprom	0 to 0	N
Ram	128 to 512	N
ADC 12-bit	12	Y
AES	0	N
CAN	1	Y
DAC 12-bit	0	N
DCMI	0	N
DES/TDES	0	N
DFSDM	0	N
DSIHOST	0	N
Ethernet	0	N
FMC	0	N
FMPI2C	0	N
FSMC	0	N
HDMI CEC	0	N
HMAC	0	N
I2C	1	Y
I2S	0	N
LPTIM	0	N
MD5	0	N
QUADSPI	0	N
RTC	1	Y
SAI	0	N
SDIO	0	N
SDMMC	0	N
SHA	0	N
SPDIFRX	0	N
SPI	2	Y
TFT LCD	0	N
TRNG	0	N
Timer 16-bit	0	N
Timer 32-bit	0	N
UART	0	N
USART	2	Y
USB OTG_FS	0	N
USB OTG_HS	0	N