

# STC Microcontroller Catalog

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Feb. 2011

## STC10Fxx Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC10F04-PDIP-40	5.5--3.3	4K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10F04-LQFP-44	5.5--3.3	4K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10F04-PLCC-44	5.5--3.3	4K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10F04XE-PDIP-40	5.5--3.3	4K	512	2	1--2	Yes	5K	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10F04XE-LQFP-44	5.5--3.3	4K	512	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10F04XE-PLCC-44	5.5--3.3	4K	512	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10F06-PDIP-40	5.5--3.3	6K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10F06-LQFP-44	5.5--3.3	6K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10F06-PLCC-44	5.5--3.3	6K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10F06XE-PDIP-40	5.5--3.3	6K	512	2	1--2	Yes	5K	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10F06XE-LQFP-44	5.5--3.3	6K	512	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10F06XE-PLCC-44	5.5--3.3	6K	512	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10F08-PDIP-40	5.5--3.3	8K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10F08-LQFP-44	5.5--3.3	8K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10F08-PLCC-44	5.5--3.3	8K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10F08XE-PDIP-40	5.5--3.3	8K	512	2	1--2	Yes	5K	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10F08XE-LQFP-44	5.5--3.3	8K	512	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10F08XE-PLCC-44	5.5--3.3	8K	512	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10F10-PDIP-40	5.5--3.3	10K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10F10-LQFP-44	5.5--3.3	10K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10F10-PLCC-44	5.5--3.3	10K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10F10XE-PDIP-40	5.5--3.3	10K	512	2	1--2	Yes	3K	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10F10XE-LQFP-44	5.5--3.3	10K	512	2	1--2	Yes	3K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10F10XE-PLCC-44	5.5--3.3	10K	512	2	1--2	Yes	3K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10F12-PDIP-40	5.5--3.3	12K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC10F12-LQFP-44	5.5--3.3	12K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10F12-PLCC-44	5.5--3.3	12K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10F12XE-PDIP-40	5.5--3.3	12K	512	2	1--2	Yes	1K	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10F12XE-LQFP-44	5.5--3.3	12K	512	2	1--2	Yes	1K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10F12XE-PLCC-44	5.5--3.3	12K	512	2	1--2	Yes	1K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10F14X-PDIP-40	5.5--3.7	14K	512	2	1--2	Yes	IAP	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10F14X-LQFP-44	5.5--3.7	14K	512	2	1--2	Yes	IAP	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10F14X-PLCC-44	5.5--3.7	14K	512	2	1--2	Yes	IAP	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44

STC10Lxx Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC10L04-PDIP-40	3.6--2.1	4K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10L04-LQFP-44	3.6--2.1	4K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10L04-PLCC-44	3.6--2.1	4K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10L04XE-PDIP-40	3.6--2.1	4K	512	2	1--2	Yes	5K	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10L04XE-LQFP-44	3.6--2.1	4K	512	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10L04XE-PLCC-44	3.6--2.1	4K	512	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10L06-PDIP-40	3.6--2.1	6K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10L06-LQFP-44	3.6--2.1	6K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10L06-PLCC-44	3.6--2.1	6K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10L06XE-PDIP-40	3.6--2.1	6K	512	2	1--2	Yes	5K	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10L06XE-LQFP-44	3.6--2.1	6K	512	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10L06XE-PLCC-44	3.6--2.1	6K	512	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10L08-PDIP-40	3.6--2.1	8K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10L08-LQFP-44	3.6--2.1	8K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10L08-PLCC-44	3.6--2.1	8K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10L08XE-PDIP-40	3.6--2.1	8K	512	2	1--2	Yes	5K	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10L08XE-LQFP-44	3.6--2.1	8K	512	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10L08XE-PLCC-44	3.6--2.1	8K	512	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10L10-PDIP-40	3.6--2.1	10K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10L10-LQFP-44	3.6--2.1	10K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10L10-PLCC-44	3.6--2.1	10K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10L10XE-PDIP-40	3.6--2.1	10K	512	2	1--2	Yes	3K	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10L10XE-LQFP-44	3.6--2.1	10K	512	2	1--2	Yes	3K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10L10XE-PLCC-44	3.6--2.1	10K	512	2	1--2	Yes	3K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10L12-PDIP-40	3.6--2.1	12K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC10L12-LQFP-44	3.6--2.1	12K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10L12-PLCC-44	3.6--2.1	12K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10L12XE-PDIP-40	3.6--2.1	12K	512	2	1--2	Yes	1K	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10L12XE-LQFP-44	3.6--2.1	12K	512	2	1--2	Yes	1K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10L12XE-PLCC-44	3.6--2.1	12K	512	2	1--2	Yes	1K	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44
STC10L14X-PDIP-40	3.6--2.4	14K	512	2	1--2	Yes	IAP	No	No	36	Yes	No	Yes	Yes	Yes	5	No	PDIP-40
STC10L14X-LQFP-44	3.6--2.4	14K	512	2	1--2	Yes	IAP	No	No	40	Yes	No	Yes	Yes	Yes	5	No	LQFP-44
STC10L14X-PLCC-44	3.6--2.4	14K	512	2	1--2	Yes	IAP	No	No	40	Yes	No	Yes	Yes	Yes	5	No	PLCC-44

STC11Fxx Series Selection Table(one)

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC11F01-SOP-16	5.5--3.7	1K	256	2	1--2	Yes	No	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11F01-DIP-16	5.5--3.7	1K	256	2	1--2	Yes	No	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11F01-DIP-18	5.5--3.7	1K	256	2	1--2	Yes	No	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11F01-SOP-20	5.5--3.7	1K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11F01-DIP-20	5.5--3.7	1K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11F01-LSSOP-20	5.5--3.7	1K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11F02-SOP-16	5.5--3.7	2K	256	2	1--2	Yes	No	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11F02-DIP-16	5.5--3.7	2K	256	2	1--2	Yes	No	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11F02-DIP-18	5.5--3.7	2K	256	2	1--2	Yes	No	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11F02-SOP-20	5.5--3.7	2K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11F02-DIP-20	5.5--3.7	2K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11F02-LSSOP-20	5.5--3.7	2K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11F04-SOP-16	5.5--3.7	4K	256	2	1--2	Yes	No	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11F04-DIP-16	5.5--3.7	4K	256	2	1--2	Yes	No	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11F04-DIP-18	5.5--3.7	4K	256	2	1--2	Yes	No	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11F04-SOP-20	5.5--3.7	4K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11F04-DIP-20	5.5--3.7	4K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11F04-LSSOP-20	5.5--3.7	4K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11F01E-SOP-16	5.5--3.7	1K	256	2	1--2	Yes	2K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11F01E-DIP-16	5.5--3.7	1K	256	2	1--2	Yes	2K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11F01E-DIP-18	5.5--3.7	1K	256	2	1--2	Yes	2K	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11F01E-SOP-20	5.5--3.7	1K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11F01E-DIP-20	5.5--3.7	1K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11F01E-LSSOP-20	5.5--3.7	1K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11F02E-SOP-16	5.5--3.7	2K	256	2	1--2	Yes	2K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC11F02E-DIP-16	5.5--3.7	2K	256	2	1--2	Yes	2K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11F02E-DIP-18	5.5--3.7	2K	256	2	1--2	Yes	2K	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11F02E-SOP-20	5.5--3.7	2K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11F02E-DIP-20	5.5--3.7	2K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11F02E-LSSOP-20	5.5--3.7	2K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11F03E-SOP-16	5.5--3.7	3K	256	2	1--2	Yes	2K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11F03E-DIP-16	5.5--3.7	3K	256	2	1--2	Yes	2K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11F03E-DIP-18	5.5--3.7	3K	256	2	1--2	Yes	2K	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11F03E-SOP-20	5.5--3.7	3K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11F03E-DIP-20	5.5--3.7	3K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11F03E-LSSOP-20	5.5--3.7	3K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11F04E-SOP-16	5.5--3.7	4K	256	2	1--2	Yes	1K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11F04E-DIP-16	5.5--3.7	4K	256	2	1--2	Yes	1K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11F04E-DIP-18	5.5--3.7	4K	256	2	1--2	Yes	1K	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11F04E-SOP-20	5.5--3.7	4K	256	2	1--2	Yes	1K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11F04E-DIP-20	5.5--3.7	4K	256	2	1--2	Yes	1K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11F04E-LSSOP-20	5.5--3.7	4K	256	2	1--2	Yes	1K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11F05E-SOP-16	5.5--4.1	5K	256	2	1--2	Yes	1K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11F05E-DIP-16	5.5--4.1	5K	256	2	1--2	Yes	1K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11F05E-DIP-18	5.5--4.1	5K	256	2	1--2	Yes	1K	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11F05E-SOP-20	5.5--4.1	5K	256	2	1--2	Yes	1K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11F05E-DIP-20	5.5--4.1	5K	256	2	1--2	Yes	1K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11F05E-LSSOP-20	5.5--4.1	5K	256	2	1--2	Yes	1K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
IAP11F06-SOP-16	5.5--4.1	6K	256	2	1--2	Yes	IAP	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
IAP11F06-DIP-16	5.5--4.1	6K	256	2	1--2	Yes	IAP	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
IAP11F06-DIP-18	5.5--4.1	6K	256	2	1--2	Yes	IAP	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
IAP11F06-SOP-20	5.5--4.1	6K	256	2	1--2	Yes	IAP	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
IAP11F06-DIP-20	5.5--4.1	6K	256	2	1--2	Yes	IAP	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
IAP11F06-LSSOP-20	5.5--4.1	6K	256	2	1--2	Yes	IAP	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20

STC11Lxx Series Selection Table(one)

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC11L01-SOP-16	3.6--2.1	1K	256	2	1--2	Yes	No	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11L01-DIP-16	3.6--2.1	1K	256	2	1--2	Yes	No	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11L01-DIP-18	3.6--2.1	1K	256	2	1--2	Yes	No	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11L01-SOP-20	3.6--2.1	1K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11L01-DIP-20	3.6--2.1	1K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11L01-LSSOP-20	3.6--2.1	1K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11L02-SOP-16	3.6--2.1	2K	256	2	1--2	Yes	No	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11L02-DIP-16	3.6--2.1	2K	256	2	1--2	Yes	No	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11L02-DIP-18	3.6--2.1	2K	256	2	1--2	Yes	No	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11L02-SOP-20	3.6--2.1	2K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11L02-DIP-20	3.6--2.1	2K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11L02-LSSOP-20	3.6--2.1	2K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11L04-SOP-16	3.6--2.1	4K	256	2	1--2	Yes	No	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11L04-DIP-16	3.6--2.1	4K	256	2	1--2	Yes	No	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11L04-DIP-18	3.6--2.1	4K	256	2	1--2	Yes	No	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11L04-SOP-20	3.6--2.1	4K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11L04-DIP-20	3.6--2.1	4K	256	2	1--2	Yes	No	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11L04-LSSOP-20	3.6--2.1	4K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11L01E-SOP-16	3.6--2.1	1K	256	2	1--2	Yes	2K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11L01E-DIP-16	3.6--2.1	1K	256	2	1--2	Yes	2K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11L01E-DIP-18	3.6--2.1	1K	256	2	1--2	Yes	2K	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11L01E-SOP-20	3.6--2.1	1K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11L01E-DIP-20	3.6--2.1	1K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11L01E-LSSOP-20	3.6--2.1	1K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11L02E-SOP-16	3.6--2.1	2K	256	2	1--2	Yes	2K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC11L02E-DIP-16	3.6--2.1	2K	256	2	1--2	Yes	2K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11L02E-DIP-18	3.6--2.1	2K	256	2	1--2	Yes	2K	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11L02E-SOP-20	3.6--2.1	2K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11L02E-DIP-20	3.6--2.1	2K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11L02E-LSSOP-20	3.6--2.1	2K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11L03E-SOP-16	3.6--2.1	3K	256	2	1--2	Yes	2K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11L03E-DIP-16	3.6--2.1	3K	256	2	1--2	Yes	2K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11L03E-DIP-18	3.6--2.1	3K	256	2	1--2	Yes	2K	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11L03E-SOP-20	3.6--2.1	3K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11L03E-DIP-20	3.6--2.1	3K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11L03E-LSSOP-20	3.6--2.1	3K	256	2	1--2	Yes	2K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11L04E-SOP-16	3.6--2.1	4K	256	2	1--2	Yes	1K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11L04E-DIP-16	3.6--2.1	4K	256	2	1--2	Yes	1K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11L04E-DIP-18	3.6--2.1	4K	256	2	1--2	Yes	1K	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11L04E-SOP-20	3.6--2.1	4K	256	2	1--2	Yes	1K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11L04E-DIP-20	3.6--2.1	4K	256	2	1--2	Yes	1K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11L04E-LSSOP-20	3.6--2.1	4K	256	2	1--2	Yes	1K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
STC11L05E-SOP-16	3.6--2.4	5K	256	2	1--2	Yes	1K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
STC11L05E-DIP-16	3.6--2.4	5K	256	2	1--2	Yes	1K	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
STC11L05E-DIP-18	3.6--2.4	5K	256	2	1--2	Yes	1K	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
STC11L05E-SOP-20	3.6--2.4	5K	256	2	1--2	Yes	1K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
STC11L05E-DIP-20	3.6--2.4	5K	256	2	1--2	Yes	1K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
STC11L05E-LSSOP-20	3.6--2.4	5K	256	2	1--2	Yes	1K	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20
IAP11L06-SOP-16	3.6--2.4	6K	256	2	1--2	Yes	IAP	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	SOP-16
IAP11L06-DIP-16	3.6--2.4	6K	256	2	1--2	Yes	IAP	No	No	12	Yes	No	Yes	Yes	Yes	5	Yes	DIP-16
IAP11L06-DIP-18	3.6--2.4	6K	256	2	1--2	Yes	IAP	No	No	14	Yes	No	Yes	Yes	Yes	5	Yes	DIP-18
IAP11L06-SOP-20	3.6--2.4	6K	256	2	1--2	Yes	IAP	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	SOP-20
IAP11L06-DIP-20	3.6--2.4	6K	256	2	1--2	Yes	IAP	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	DIP-20
IAP11L06-LSSOP-20	3.6--2.4	6K	256	2	1--2	Yes	IAP	No	No	16	Yes	No	Yes	Yes	Yes	5	Yes	LSSOP-20

STC11Fxx Series Selection Table(two)

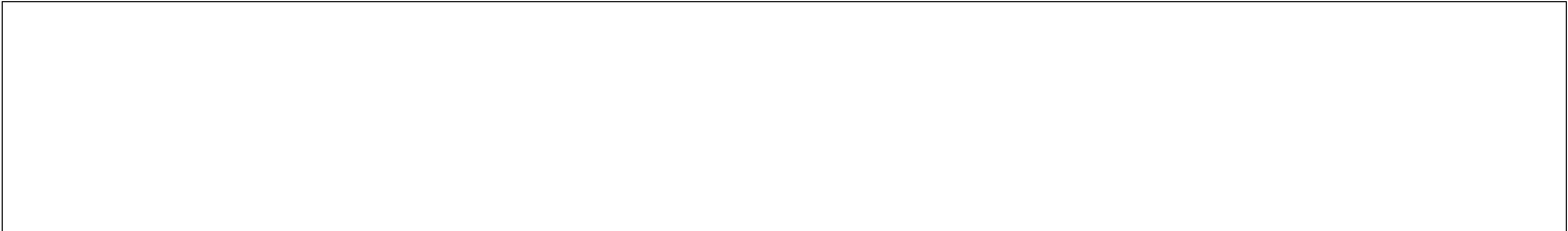
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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC11F08-PDIP-40	5.5--3.7	8K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F08-LQFP-44	5.5--3.7	8K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F08-PLCC-44	5.5--3.7	8K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F08X-PDIP-40	5.5--3.7	8K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F08X-LQFP-44	5.5--3.7	8K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F08X-PLCC-44	5.5--3.7	8K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F08XE-PDIP-40	5.5--3.7	8K	1280	2	1--2	Yes	53K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F08XE-LQFP-44	5.5--3.7	8K	1280	2	1--2	Yes	53K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F08XE-PLCC-44	5.5--3.7	8K	1280	2	1--2	Yes	53K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F16-PDIP-40	5.5--3.7	16K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F16-LQFP-44	5.5--3.7	16K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F16-PLCC-44	5.5--3.7	16K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F16X-PDIP-40	5.5--3.7	16K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F16X-LQFP-44	5.5--3.7	16K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F16X-PLCC-44	5.5--3.7	16K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F16XE-PDIP-40	5.5--3.7	16K	1280	2	1--2	Yes	45K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F16XE-LQFP-44	5.5--3.7	16K	1280	2	1--2	Yes	45K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F16XE-PLCC-44	5.5--3.7	16K	1280	2	1--2	Yes	45K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F20-PDIP-40	5.5--3.7	20K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F20-LQFP-44	5.5--3.7	20K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F20-PLCC-44	5.5--3.7	20K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F20X-PDIP-40	5.5--3.7	20K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F20X-LQFP-44	5.5--3.7	20K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F20X-PLCC-44	5.5--3.7	20K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F20XE-PDIP-40	5.5--3.7	20K	1280	2	1--2	Yes	41K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC11F20XE-LQFP-44	5.5--3.7	20K	1280	2	1--2	Yes	41K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F20XE-PLCC-44	5.5--3.7	20K	1280	2	1--2	Yes	41K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F32-PDIP-40	5.5--3.7	32K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F32-LQFP-44	5.5--3.7	32K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F32-PLCC-44	5.5--3.7	32K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F32X-PDIP-40	5.5--3.7	32K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F32X-LQFP-44	5.5--3.7	32K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F32X-PLCC-44	5.5--3.7	32K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F32XE-PDIP-40	5.5--3.7	32K	1280	2	1--2	Yes	29K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F32XE-LQFP-44	5.5--3.7	32K	1280	2	1--2	Yes	29K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F32XE-PLCC-44	5.5--3.7	32K	1280	2	1--2	Yes	29K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F40-PDIP-40	5.5--3.7	40K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F40-LQFP-44	5.5--3.7	40K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F40-PLCC-44	5.5--3.7	40K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F40X-PDIP-40	5.5--3.7	40K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F40X-LQFP-44	5.5--3.7	40K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F40X-PLCC-44	5.5--3.7	40K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F40XE-PDIP-40	5.5--3.7	40K	1280	2	1--2	Yes	21K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F40XE-LQFP-44	5.5--3.7	40K	1280	2	1--2	Yes	21K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F40XE-PLCC-44	5.5--3.7	40K	1280	2	1--2	Yes	21K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F48-PDIP-40	5.5--3.7	48K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F48-LQFP-44	5.5--3.7	48K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F48-PLCC-44	5.5--3.7	48K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F48X-PDIP-40	5.5--3.7	48K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F48X-LQFP-44	5.5--3.7	48K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F48X-PLCC-44	5.5--3.7	48K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F48XE-PDIP-40	5.5--3.7	48K	1280	2	1--2	Yes	13K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F48XE-LQFP-44	5.5--3.7	48K	1280	2	1--2	Yes	13K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F48XE-PLCC-44	5.5--3.7	48K	1280	2	1--2	Yes	13K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F52-PDIP-40	5.5--3.7	52K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F52-LQFP-44	5.5--3.7	52K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F52-PLCC-44	5.5--3.7	52K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F52X-PDIP-40	5.5--3.7	52K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F52X-LQFP-44	5.5--3.7	52K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F52X-PLCC-44	5.5--3.7	52K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F52XE-PDIP-40	5.5--3.7	52K	1280	2	1--2	Yes	9K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F52XE-LQFP-44	5.5--3.7	52K	1280	2	1--2	Yes	9K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F52XE-PLCC-44	5.5--3.7	52K	1280	2	1--2	Yes	9K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC11F56-PDIP-40	5.5--3.7	56K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F56-LQFP-44	5.5--3.7	56K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F56-PLCC-44	5.5--3.7	56K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F56X-PDIP-40	5.5--3.7	56K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F56X-LQFP-44	5.5--3.7	56K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F56X-PLCC-44	5.5--3.7	56K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F56XE-PDIP-40	5.5--3.7	56K	1280	2	1--2	Yes	5K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F56XE-LQFP-44	5.5--3.7	56K	1280	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F56XE-PLCC-44	5.5--3.7	56K	1280	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F60-PDIP-40	5.5--3.7	60K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F60-LQFP-44	5.5--3.7	60K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F60-PLCC-44	5.5--3.7	60K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F60X-PDIP-40	5.5--3.7	60K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F60X-LQFP-44	5.5--3.7	60K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F60X-PLCC-44	5.5--3.7	60K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F60XE-PDIP-40	5.5--3.7	60K	1280	2	1--2	Yes	1K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F60XE-LQFP-44	5.5--3.7	60K	1280	2	1--2	Yes	1K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F60XE-PLCC-44	5.5--3.7	60K	1280	2	1--2	Yes	1K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F62-PDIP-40	5.5--3.7	62K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F62-LQFP-44	5.5--3.7	62K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F62-PLCC-44	5.5--3.7	62K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11F62X-PDIP-40	5.5--3.7	62K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11F62X-LQFP-44	5.5--3.7	62K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11F62X-PLCC-44	5.5--3.7	62K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
IAP11F62XE-PDIP-40	5.5--4.1	62K	1280	2	1--2	Yes	IAP	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
IAP11F62XE-LQFP-44	5.5--4.1	62K	1280	2	1--2	Yes	IAP	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
IAP11F62XE-PLCC-44	5.5--4.1	62K	1280	2	1--2	Yes	IAP	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44

STC11Lxx Series Selection Table(two)



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC11L08-PDIP-40	3.6--2.1	8K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L08-LQFP-44	3.6--2.1	8K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L08-PLCC-44	3.6--2.1	8K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L08X-PDIP-40	3.6--2.1	8K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L08X-LQFP-44	3.6--2.1	8K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L08X-PLCC-44	3.6--2.1	8K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L08XE-PDIP-40	3.6--2.1	8K	1280	2	1--2	Yes	53K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L08XE-LQFP-44	3.6--2.1	8K	1280	2	1--2	Yes	53K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L08XE-PLCC-44	3.6--2.1	8K	1280	2	1--2	Yes	53K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L16-PDIP-40	3.6--2.1	16K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L16-LQFP-44	3.6--2.1	16K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L16-PLCC-44	3.6--2.1	16K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L16X-PDIP-40	3.6--2.1	16K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L16X-LQFP-44	3.6--2.1	16K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L16X-PLCC-44	3.6--2.1	16K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L16XE-PDIP-40	3.6--2.1	16K	1280	2	1--2	Yes	45K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L16XE-LQFP-44	3.6--2.1	16K	1280	2	1--2	Yes	45K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L16XE-PLCC-44	3.6--2.1	16K	1280	2	1--2	Yes	45K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L20-PDIP-40	3.6--2.1	20K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L20-LQFP-44	3.6--2.1	20K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L20-PLCC-44	3.6--2.1	20K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L20X-PDIP-40	3.6--2.1	20K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L20X-LQFP-44	3.6--2.1	20K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L20X-PLCC-44	3.6--2.1	20K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L20XE-PDIP-40	3.6--2.1	20K	1280	2	1--2	Yes	41K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC11L20XE-LQFP-44	3.6--2.1	20K	1280	2	1--2	Yes	41K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L20XE-PLCC-44	3.6--2.1	20K	1280	2	1--2	Yes	41K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L32-PDIP-40	3.6--2.1	32K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L32-LQFP-44	3.6--2.1	32K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L32-PLCC-44	3.6--2.1	32K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L32X-PDIP-40	3.6--2.1	32K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L32X-LQFP-44	3.6--2.1	32K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L32X-PLCC-44	3.6--2.1	32K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L32XE-PDIP-40	3.6--2.1	32K	1280	2	1--2	Yes	29K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L32XE-LQFP-44	3.6--2.1	32K	1280	2	1--2	Yes	29K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L32XE-PLCC-44	3.6--2.1	32K	1280	2	1--2	Yes	29K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L40-PDIP-40	3.6--2.1	40K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L40-LQFP-44	3.6--2.1	40K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L40-PLCC-44	3.6--2.1	40K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L40X-PDIP-40	3.6--2.1	40K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L40X-LQFP-44	3.6--2.1	40K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L40X-PLCC-44	3.6--2.1	40K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L40XE-PDIP-40	3.6--2.1	40K	1280	2	1--2	Yes	21K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L40XE-LQFP-44	3.6--2.1	40K	1280	2	1--2	Yes	21K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L40XE-PLCC-44	3.6--2.1	40K	1280	2	1--2	Yes	21K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L48-PDIP-40	3.6--2.1	48K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L48-LQFP-44	3.6--2.1	48K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L48-PLCC-44	3.6--2.1	48K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L48X-PDIP-40	3.6--2.1	48K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L48X-LQFP-44	3.6--2.1	48K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L48X-PLCC-44	3.6--2.1	48K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L48XE-PDIP-40	3.6--2.1	48K	1280	2	1--2	Yes	13K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L48XE-LQFP-44	3.6--2.1	48K	1280	2	1--2	Yes	13K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L48XE-PLCC-44	3.6--2.1	48K	1280	2	1--2	Yes	13K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L52-PDIP-40	3.6--2.1	52K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L52-LQFP-44	3.6--2.1	52K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L52-PLCC-44	3.6--2.1	52K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L52X-PDIP-40	3.6--2.1	52K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L52X-LQFP-44	3.6--2.1	52K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L52X-PLCC-44	3.6--2.1	52K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L52XE-PDIP-40	3.6--2.1	52K	1280	2	1--2	Yes	9K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L52XE-LQFP-44	3.6--2.1	52K	1280	2	1--2	Yes	9K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L52XE-PLCC-44	3.6--2.1	52K	1280	2	1--2	Yes	9K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC11L56-PDIP-40	3.6--2.1	56K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L56-LQFP-44	3.6--2.1	56K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L56-PLCC-44	3.6--2.1	56K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L56X-PDIP-40	3.6--2.1	56K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L56X-LQFP-44	3.6--2.1	56K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L56X-PLCC-44	3.6--2.1	56K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L56XE-PDIP-40	3.6--2.1	56K	1280	2	1--2	Yes	5K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L56XE-LQFP-44	3.6--2.1	56K	1280	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L56XE-PLCC-44	3.6--2.1	56K	1280	2	1--2	Yes	5K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L60-PDIP-40	3.6--2.1	60K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L60-LQFP-44	3.6--2.1	60K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L60-PLCC-44	3.6--2.1	60K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L60X-PDIP-40	3.6--2.1	60K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L60X-LQFP-44	3.6--2.1	60K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L60X-PLCC-44	3.6--2.1	60K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L60XE-PDIP-40	3.6--2.1	60K	1280	2	1--2	Yes	1K	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L60XE-LQFP-44	3.6--2.1	60K	1280	2	1--2	Yes	1K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L60XE-PLCC-44	3.6--2.1	60K	1280	2	1--2	Yes	1K	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L62-PDIP-40	3.6--2.1	62K	256	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L62-LQFP-44	3.6--2.1	62K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L62-PLCC-44	3.6--2.1	62K	256	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
STC11L62X-PDIP-40	3.6--2.1	62K	1280	2	1--2	Yes	No	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
STC11L62X-LQFP-44	3.6--2.1	62K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
STC11L62X-PLCC-44	3.6--2.1	62K	1280	2	1--2	Yes	No	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44
IAP11L62XE-PDIP-40	3.6--2.4	62K	1280	2	1--2	Yes	IAP	No	No	36	Yes	No	Yes	Yes	Yes	5	Yes	PDIP-40
IAP11L62XE-LQFP-44	3.6--2.4	62K	1280	2	1--2	Yes	IAP	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	LQFP-44
IAP11L62XE-PLCC-44	3.6--2.4	62K	1280	2	1--2	Yes	IAP	No	No	40	Yes	No	Yes	Yes	Yes	5	Yes	PLCC-44

STC12C52xx Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5201-SOP-16	5.5--3.5	1K	256	2	1	No	2K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5201-DIP-16	5.5--3.5	1K	256	2	1	No	2K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5201-DIP-18	5.5--3.5	1K	256	2	1	No	2K	No	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5201-SOP-20	5.5--3.5	1K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5201-LSSOP-20	5.5--3.5	1K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5201-DIP-20	5.5--3.5	1K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5202-SOP-16	5.5--3.5	2K	256	2	1	No	2K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5202-DIP-16	5.5--3.5	2K	256	2	1	No	2K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5202-DIP-18	5.5--3.5	2K	256	2	1	No	2K	No	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5202-SOP-20	5.5--3.5	2K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5202-LSSOP-20	5.5--3.5	2K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5202-DIP-20	5.5--3.5	2K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5202-SOP-28	5.5--3.5	2K	256	2	1	No	2K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5202-SKDIP-28	5.5--3.5	2K	256	2	1	No	2K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5202-SOP-32	5.5--3.5	2K	256	2	1	No	2K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12C5202-LQFP-32	5.5--3.5	2K	256	2	1	No	2K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12C5203-SOP-16	5.5--3.5	3K	256	2	1	No	2K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5203-DIP-16	5.5--3.5	3K	256	2	1	No	2K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5203-DIP-18	5.5--3.5	3K	256	2	1	No	2K	No	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5203-SOP-20	5.5--3.5	3K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5203-LSSOP-20	5.5--3.5	3K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5203-DIP-20	5.5--3.5	3K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5203-SOP-28	5.5--3.5	3K	256	2	1	No	2K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5203-SKDIP-28	5.5--3.5	3K	256	2	1	No	2K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5203-SOP-32	5.5--3.5	3K	256	2	1	No	2K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5203-LQFP-32	5.5--3.5	3K	256	2	1	No	2K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12C5204-SOP-16	5.5--3.5	4K	256	2	1	No	1K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5204-DIP-16	5.5--3.5	4K	256	2	1	No	1K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5204-DIP-18	5.5--3.5	4K	256	2	1	No	1K	No	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5204-SOP-20	5.5--3.5	4K	256	2	1	No	1K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5204-LSSOP-20	5.5--3.5	4K	256	2	1	No	1K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5204-DIP-20	5.5--3.5	4K	256	2	1	No	1K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5204-SOP-28	5.5--3.5	4K	256	2	1	No	1K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5204-SKDIP-28	5.5--3.5	4K	256	2	1	No	1K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5204-SOP-32	5.5--3.5	4K	256	2	1	No	1K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12C5204-LQFP-32	5.5--3.5	4K	256	2	1	No	1K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12C5205-SOP-16	5.5--3.5	5K	256	2	1	No	1K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5205-DIP-16	5.5--3.5	5K	256	2	1	No	1K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5205-DIP-18	5.5--3.5	5K	256	2	1	No	1K	No	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5205-SOP-20	5.5--3.5	5K	256	2	1	No	1K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5205-LSSOP-20	5.5--3.5	5K	256	2	1	No	1K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5205-DIP-20	5.5--3.5	5K	256	2	1	No	1K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5205-SOP-28	5.5--3.5	5K	256	2	1	No	1K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5205-SKDIP-28	5.5--3.5	5K	256	2	1	No	1K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5205-SOP-32	5.5--3.5	5K	256	2	1	No	1K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12C5205-LQFP-32	5.5--3.5	5K	256	2	1	No	1K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12C5206-SOP-16	5.5--3.5	6K	256	2	1	No	IAP	No	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5206-DIP-16	5.5--3.5	6K	256	2	1	No	IAP	No	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5206-DIP-18	5.5--3.5	6K	256	2	1	No	IAP	No	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5206-SOP-20	5.5--3.5	6K	256	2	1	No	IAP	No	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5206-LSSOP-20	5.5--3.5	6K	256	2	1	No	IAP	No	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5206-DIP-20	5.5--3.5	6K	256	2	1	No	IAP	No	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5206-SOP-28	5.5--3.5	6K	256	2	1	No	IAP	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5206-SKDIP-28	5.5--3.5	6K	256	2	1	No	IAP	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5206-SOP-32	5.5--3.5	6K	256	2	1	No	IAP	No	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12C5206-LQFP-32	5.5--3.5	6K	256	2	1	No	IAP	No	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32

STC12LE52xx Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5201-SOP-16	3.6--2.2	1K	256	2	1	No	2K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5201-DIP-16	3.6--2.2	1K	256	2	1	No	2K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5201-DIP-18	3.6--2.2	1K	256	2	1	No	2K	No	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5201-SOP-20	3.6--2.2	1K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5201-LSSOP-20	3.6--2.2	1K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5201-DIP-20	3.6--2.2	1K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5202-SOP-16	3.6--2.2	2K	256	2	1	No	2K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5202-DIP-16	3.6--2.2	2K	256	2	1	No	2K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5202-DIP-18	3.6--2.2	2K	256	2	1	No	2K	No	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5202-SOP-20	3.6--2.2	2K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5202-LSSOP-20	3.6--2.2	2K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5202-DIP-20	3.6--2.2	2K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5202-SOP-28	3.6--2.2	2K	256	2	1	No	2K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5202-SKDIP-28	3.6--2.2	2K	256	2	1	No	2K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5202-SOP-32	3.6--2.2	2K	256	2	1	No	2K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12LE5202-LQFP-32	3.6--2.2	2K	256	2	1	No	2K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12LE5203-SOP-16	3.6--2.2	3K	256	2	1	No	2K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5203-DIP-16	3.6--2.2	3K	256	2	1	No	2K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5203-DIP-18	3.6--2.2	3K	256	2	1	No	2K	No	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5203-SOP-20	3.6--2.2	3K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5203-LSSOP-20	3.6--2.2	3K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5203-DIP-20	3.6--2.2	3K	256	2	1	No	2K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5203-SOP-28	3.6--2.2	3K	256	2	1	No	2K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5203-SKDIP-28	3.6--2.2	3K	256	2	1	No	2K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5203-SOP-32	3.6--2.2	3K	256	2	1	No	2K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5203-LQFP-32	3.6--2.2	3K	256	2	1	No	2K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12LE5204-SOP-16	3.6--2.2	4K	256	2	1	No	1K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5204-DIP-16	3.6--2.2	4K	256	2	1	No	1K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5204-DIP-18	3.6--2.2	4K	256	2	1	No	1K	No	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5204-SOP-20	3.6--2.2	4K	256	2	1	No	1K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5204-LSSOP-20	3.6--2.2	4K	256	2	1	No	1K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5204-DIP-20	3.6--2.2	4K	256	2	1	No	1K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5204-SOP-28	3.6--2.2	4K	256	2	1	No	1K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5204-SKDIP-28	3.6--2.2	4K	256	2	1	No	1K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5204-SOP-32	3.6--2.2	4K	256	2	1	No	1K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12LE5204-LQFP-32	3.6--2.2	4K	256	2	1	No	1K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12LE5205-SOP-16	3.6--2.2	5K	256	2	1	No	1K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5205-DIP-16	3.6--2.2	5K	256	2	1	No	1K	No	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5205-DIP-18	3.6--2.2	5K	256	2	1	No	1K	No	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5205-SOP-20	3.6--2.2	5K	256	2	1	No	1K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5205-LSSOP-20	3.6--2.2	5K	256	2	1	No	1K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5205-DIP-20	3.6--2.2	5K	256	2	1	No	1K	No	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5205-SOP-28	3.6--2.2	5K	256	2	1	No	1K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5205-SKDIP-28	3.6--2.2	5K	256	2	1	No	1K	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5205-SOP-32	3.6--2.2	5K	256	2	1	No	1K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12LE5205-LQFP-32	3.6--2.2	5K	256	2	1	No	1K	No	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12LE5206-SOP-16	3.6--2.2	6K	256	2	1	No	IAP	No	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5206-DIP-16	3.6--2.2	6K	256	2	1	No	IAP	No	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5206-DIP-18	3.6--2.2	6K	256	2	1	No	IAP	No	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5206-SOP-20	3.6--2.2	6K	256	2	1	No	IAP	No	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5206-LSSOP-20	3.6--2.2	6K	256	2	1	No	IAP	No	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5206-DIP-20	3.6--2.2	6K	256	2	1	No	IAP	No	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5206-SOP-28	3.6--2.2	6K	256	2	1	No	IAP	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5206-SKDIP-28	3.6--2.2	6K	256	2	1	No	IAP	No	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5206-SOP-32	3.6--2.2	6K	256	2	1	No	IAP	No	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12LE5206-LQFP-32	3.6--2.2	6K	256	2	1	No	IAP	No	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32

STC12C52xxPWM Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5201PWM-SOP-16	5.5--3.5	1K	256	4	1	No	2K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5201PWM-DIP-16	5.5--3.5	1K	256	4	1	No	2K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5201PWM-DIP-18	5.5--3.5	1K	256	4	1	No	2K	2	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5201PWM-SOP-20	5.5--3.5	1K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5201PWM-LSSOP-20	5.5--3.5	1K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5201PWM-DIP-20	5.5--3.5	1K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5202PWM-SOP-16	5.5--3.5	2K	256	4	1	No	2K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5202PWM-DIP-16	5.5--3.5	2K	256	4	1	No	2K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5202PWM-DIP-18	5.5--3.5	2K	256	4	1	No	2K	2	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5202PWM-SOP-20	5.5--3.5	2K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5202PWM-LSSOP-20	5.5--3.5	2K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5202PWM-DIP-20	5.5--3.5	2K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5202PWM-SOP-28	5.5--3.5	2K	256	4	1	No	2K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5202PWM-SKDIP-28	5.5--3.5	2K	256	4	1	No	2K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5202PWM-SOP-32	5.5--3.5	2K	256	4	1	No	2K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12C5202PWM-LQFP-32	5.5--3.5	2K	256	4	1	No	2K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12C5203PWM-SOP-16	5.5--3.5	3K	256	4	1	No	2K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5203PWM-DIP-16	5.5--3.5	3K	256	4	1	No	2K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5203PWM-DIP-18	5.5--3.5	3K	256	4	1	No	2K	2	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5203PWM-SOP-20	5.5--3.5	3K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5203PWM-LSSOP-20	5.5--3.5	3K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5203PWM-DIP-20	5.5--3.5	3K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5203PWM-SOP-28	5.5--3.5	3K	256	4	1	No	2K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5203PWM-SKDIP-28	5.5--3.5	3K	256	4	1	No	2K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5203PWM-SOP-32	5.5--3.5	3K	256	4	1	No	2K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5203PWM-LQFP-32	5.5--3.5	3K	256	4	1	No	2K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12C5204PWM-SOP-16	5.5--3.5	4K	256	4	1	No	1K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5204PWM-DIP-16	5.5--3.5	4K	256	4	1	No	1K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5204PWM-DIP-18	5.5--3.5	4K	256	4	1	No	1K	2	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5204PWM-SOP-20	5.5--3.5	4K	256	4	1	No	1K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5204PWM-LSSOP-20	5.5--3.5	4K	256	4	1	No	1K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5204PWM-DIP-20	5.5--3.5	4K	256	4	1	No	1K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5204PWM-SOP-28	5.5--3.5	4K	256	4	1	No	1K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5204PWM-SKDIP-28	5.5--3.5	4K	256	4	1	No	1K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5204PWM-SOP-32	5.5--3.5	4K	256	4	1	No	1K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12C5204PWM-LQFP-32	5.5--3.5	4K	256	4	1	No	1K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12C5205PWM-SOP-16	5.5--3.5	5K	256	4	1	No	1K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5205PWM-DIP-16	5.5--3.5	5K	256	4	1	No	1K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5205PWM-DIP-18	5.5--3.5	5K	256	4	1	No	1K	2	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5205PWM-SOP-20	5.5--3.5	5K	256	4	1	No	1K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5205PWM-LSSOP-20	5.5--3.5	5K	256	4	1	No	1K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5205PWM-DIP-20	5.5--3.5	5K	256	4	1	No	1K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5205PWM-SOP-28	5.5--3.5	5K	256	4	1	No	1K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5205PWM-SKDIP-28	5.5--3.5	5K	256	4	1	No	1K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5205PWM-SOP-32	5.5--3.5	5K	256	4	1	No	1K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12C5205PWM-LQFP-32	5.5--3.5	5K	256	4	1	No	1K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12C5206PWM-SOP-16	5.5--3.5	6K	256	4	1	No	IAP	2	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5206PWM-DIP-16	5.5--3.5	6K	256	4	1	No	IAP	2	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5206PWM-DIP-18	5.5--3.5	6K	256	4	1	No	IAP	2	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5206PWM-SOP-20	5.5--3.5	6K	256	4	1	No	IAP	2	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5206PWM-LSSOP-20	5.5--3.5	6K	256	4	1	No	IAP	2	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5206PWM-DIP-20	5.5--3.5	6K	256	4	1	No	IAP	2	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5206PWM-SOP-28	5.5--3.5	6K	256	4	1	No	IAP	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5206PWM-SKDIP-28	5.5--3.5	6K	256	4	1	No	IAP	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5206PWM-SOP-32	5.5--3.5	6K	256	4	1	No	IAP	2	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12C5206PWM-LQFP-32	5.5--3.5	6K	256	4	1	No	IAP	2	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32

STC12LE52xxPWM Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5201PWM-SOP-16	3.6--2.2	1K	256	4	1	No	2K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5201PWM-DIP-16	3.6--2.2	1K	256	4	1	No	2K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5201PWM-DIP-18	3.6--2.2	1K	256	4	1	No	2K	2	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5201PWM-SOP-20	3.6--2.2	1K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5201PWM-LSSOP-20	3.6--2.2	1K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5201PWM-DIP-20	3.6--2.2	1K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5202PWM-SOP-16	3.6--2.2	2K	256	4	1	No	2K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5202PWM-DIP-16	3.6--2.2	2K	256	4	1	No	2K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5202PWM-DIP-18	3.6--2.2	2K	256	4	1	No	2K	2	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5202PWM-SOP-20	3.6--2.2	2K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5202PWM-LSSOP-20	3.6--2.2	2K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5202PWM-DIP-20	3.6--2.2	2K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5202PWM-SOP-28	3.6--2.2	2K	256	4	1	No	2K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5202PWM-SKDIP-28	3.6--2.2	2K	256	4	1	No	2K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5202PWM-SOP-32	3.6--2.2	2K	256	4	1	No	2K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12LE5202PWM-LQFP-32	3.6--2.2	2K	256	4	1	No	2K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12LE5203PWM-SOP-16	3.6--2.2	3K	256	4	1	No	2K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5203PWM-DIP-16	3.6--2.2	3K	256	4	1	No	2K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5203PWM-DIP-18	3.6--2.2	3K	256	4	1	No	2K	2	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5203PWM-SOP-20	3.6--2.2	3K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5203PWM-LSSOP-20	3.6--2.2	3K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5203PWM-DIP-20	3.6--2.2	3K	256	4	1	No	2K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5203PWM-SOP-28	3.6--2.2	3K	256	4	1	No	2K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5203PWM-SKDIP-28	3.6--2.2	3K	256	4	1	No	2K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5203PWM-SOP-32	3.6--2.2	3K	256	4	1	No	2K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5203PWM-LQFP-32	3.6--2.2	3K	256	4	1	No	2K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12LE5204PWM-SOP-16	3.6--2.2	4K	256	4	1	No	1K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5204PWM-DIP-16	3.6--2.2	4K	256	4	1	No	1K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5204PWM-DIP-18	3.6--2.2	4K	256	4	1	No	1K	2	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5204PWM-SOP-20	3.6--2.2	4K	256	4	1	No	1K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5204PWM-LSSOP-20	3.6--2.2	4K	256	4	1	No	1K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5204PWM-DIP-20	3.6--2.2	4K	256	4	1	No	1K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5204PWM-SOP-28	3.6--2.2	4K	256	4	1	No	1K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5204PWM-SKDIP-28	3.6--2.2	4K	256	4	1	No	1K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5204PWM-SOP-32	3.6--2.2	4K	256	4	1	No	1K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12LE5204PWM-LQFP-32	3.6--2.2	4K	256	4	1	No	1K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12LE5205PWM-SOP-16	3.6--2.2	5K	256	4	1	No	1K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5205PWM-DIP-16	3.6--2.2	5K	256	4	1	No	1K	2	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5205PWM-DIP-18	3.6--2.2	5K	256	4	1	No	1K	2	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5205PWM-SOP-20	3.6--2.2	5K	256	4	1	No	1K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5205PWM-LSSOP-20	3.6--2.2	5K	256	4	1	No	1K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5205PWM-DIP-20	3.6--2.2	5K	256	4	1	No	1K	2	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5205PWM-SOP-28	3.6--2.2	5K	256	4	1	No	1K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5205PWM-SKDIP-28	3.6--2.2	5K	256	4	1	No	1K	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5205PWM-SOP-32	3.6--2.2	5K	256	4	1	No	1K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12LE5205PWM-LQFP-32	3.6--2.2	5K	256	4	1	No	1K	2	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12LE5206PWM-SOP-16	3.6--2.2	6K	256	4	1	No	IAP	2	No	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5206PWM-DIP-16	3.6--2.2	6K	256	4	1	No	IAP	2	No	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5206PWM-DIP-18	3.6--2.2	6K	256	4	1	No	IAP	2	No	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5206PWM-SOP-20	3.6--2.2	6K	256	4	1	No	IAP	2	No	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5206PWM-LSSOP-20	3.6--2.2	6K	256	4	1	No	IAP	2	No	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5206PWM-DIP-20	3.6--2.2	6K	256	4	1	No	IAP	2	No	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5206PWM-SOP-28	3.6--2.2	6K	256	4	1	No	IAP	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5206PWM-SKDIP-28	3.6--2.2	6K	256	4	1	No	IAP	2	No	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5206PWM-SOP-32	3.6--2.2	6K	256	4	1	No	IAP	2	No	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12LE5206PWM-LQFP-32	3.6--2.2	6K	256	4	1	No	IAP	2	No	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32

STC12C52xxAD Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5201AD-SOP-16	5.5--3.5	1K	256	4	1	No	2K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5201AD-DIP-16	5.5--3.5	1K	256	4	1	No	2K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5201AD-DIP-18	5.5--3.5	1K	256	4	1	No	2K	2	8-bit	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5201AD-SOP-20	5.5--3.5	1K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5201AD-LSSOP-20	5.5--3.5	1K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5201AD-DIP-20	5.5--3.5	1K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5202AD-SOP-16	5.5--3.5	2K	256	4	1	No	2K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5202AD-DIP-16	5.5--3.5	2K	256	4	1	No	2K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5202AD-DIP-18	5.5--3.5	2K	256	4	1	No	2K	2	8-bit	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5202AD-SOP-20	5.5--3.5	2K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5202AD-LSSOP-20	5.5--3.5	2K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5202AD-DIP-20	5.5--3.5	2K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5202AD-SOP-28	5.5--3.5	2K	256	4	1	No	2K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5202AD-SKDIP-28	5.5--3.5	2K	256	4	1	No	2K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5202AD-SOP-32	5.5--3.5	2K	256	4	1	No	2K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12C5202AD-LQFP-32	5.5--3.5	2K	256	4	1	No	2K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12C5203AD-SOP-16	5.5--3.5	3K	256	4	1	No	2K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5203AD-DIP-16	5.5--3.5	3K	256	4	1	No	2K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5203AD-DIP-18	5.5--3.5	3K	256	4	1	No	2K	2	8-bit	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5203AD-SOP-20	5.5--3.5	3K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5203AD-LSSOP-20	5.5--3.5	3K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5203AD-DIP-20	5.5--3.5	3K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5203AD-SOP-28	5.5--3.5	3K	256	4	1	No	2K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5203AD-SKDIP-28	5.5--3.5	3K	256	4	1	No	2K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5203AD-SOP-32	5.5--3.5	3K	256	4	1	No	2K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5203AD-LQFP-32	5.5--3.5	3K	256	4	1	No	2K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12C5204AD-SOP-16	5.5--3.5	4K	256	4	1	No	1K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5204AD-DIP-16	5.5--3.5	4K	256	4	1	No	1K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5204AD-DIP-18	5.5--3.5	4K	256	4	1	No	1K	2	8-bit	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5204AD-SOP-20	5.5--3.5	4K	256	4	1	No	1K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5204AD-LSSOP-20	5.5--3.5	4K	256	4	1	No	1K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5204AD-DIP-20	5.5--3.5	4K	256	4	1	No	1K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5204AD-SOP-28	5.5--3.5	4K	256	4	1	No	1K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5204AD-SKDIP-28	5.5--3.5	4K	256	4	1	No	1K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5204AD-SOP-32	5.5--3.5	4K	256	4	1	No	1K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12C5204AD-LQFP-32	5.5--3.5	4K	256	4	1	No	1K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12C5205AD-SOP-16	5.5--3.5	5K	256	4	1	No	1K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5205AD-DIP-16	5.5--3.5	5K	256	4	1	No	1K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5205AD-DIP-18	5.5--3.5	5K	256	4	1	No	1K	2	8-bit	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5205AD-SOP-20	5.5--3.5	5K	256	4	1	No	1K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5205AD-LSSOP-20	5.5--3.5	5K	256	4	1	No	1K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5205AD-DIP-20	5.5--3.5	5K	256	4	1	No	1K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5205AD-SOP-28	5.5--3.5	5K	256	4	1	No	1K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5205AD-SKDIP-28	5.5--3.5	5K	256	4	1	No	1K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5205AD-SOP-32	5.5--3.5	5K	256	4	1	No	1K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12C5205AD-LQFP-32	5.5--3.5	5K	256	4	1	No	1K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12C5206AD-SOP-16	5.5--3.5	6K	256	4	1	No	IAP	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12C5206AD-DIP-16	5.5--3.5	6K	256	4	1	No	IAP	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12C5206AD-DIP-18	5.5--3.5	6K	256	4	1	No	IAP	2	8-bit	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12C5206AD-SOP-20	5.5--3.5	6K	256	4	1	No	IAP	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12C5206AD-LSSOP-20	5.5--3.5	6K	256	4	1	No	IAP	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12C5206AD-DIP-20	5.5--3.5	6K	256	4	1	No	IAP	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12C5206AD-SOP-28	5.5--3.5	6K	256	4	1	No	IAP	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12C5206AD-SKDIP-28	5.5--3.5	6K	256	4	1	No	IAP	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12C5206AD-SOP-32	5.5--3.5	6K	256	4	1	No	IAP	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12C5206AD-LQFP-32	5.5--3.5	6K	256	4	1	No	IAP	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32

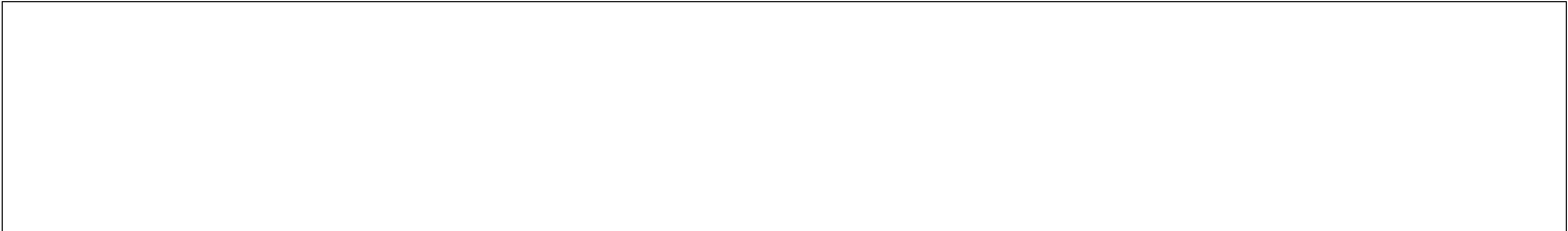
STC12LE52xxAD Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5201AD-SOP-16	3.6--2.2	1K	256	4	1	No	2K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5201AD-DIP-16	3.6--2.2	1K	256	4	1	No	2K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5201AD-DIP-18	3.6--2.2	1K	256	4	1	No	2K	2	8-bit	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5201AD-SOP-20	3.6--2.2	1K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5201AD-LSSOP-20	3.6--2.2	1K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5201AD-DIP-20	3.6--2.2	1K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5202AD-SOP-16	3.6--2.2	2K	256	4	1	No	2K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5202AD-DIP-16	3.6--2.2	2K	256	4	1	No	2K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5202AD-DIP-18	3.6--2.2	2K	256	4	1	No	2K	2	8-bit	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5202AD-SOP-20	3.6--2.2	2K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5202AD-LSSOP-20	3.6--2.2	2K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5202AD-DIP-20	3.6--2.2	2K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5202AD-SOP-28	3.6--2.2	2K	256	4	1	No	2K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5202AD-SKDIP-28	3.6--2.2	2K	256	4	1	No	2K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5202AD-SOP-32	3.6--2.2	2K	256	4	1	No	2K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12LE5202AD-LQFP-32	3.6--2.2	2K	256	4	1	No	2K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12LE5203AD-SOP-16	3.6--2.2	3K	256	4	1	No	2K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5203AD-DIP-16	3.6--2.2	3K	256	4	1	No	2K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5203AD-DIP-18	3.6--2.2	3K	256	4	1	No	2K	2	8-bit	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5203AD-SOP-20	3.6--2.2	3K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5203AD-LSSOP-20	3.6--2.2	3K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5203AD-DIP-20	3.6--2.2	3K	256	4	1	No	2K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5203AD-SOP-28	3.6--2.2	3K	256	4	1	No	2K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5203AD-SKDIP-28	3.6--2.2	3K	256	4	1	No	2K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5203AD-SOP-32	3.6--2.2	3K	256	4	1	No	2K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5203AD-LQFP-32	3.6--2.2	3K	256	4	1	No	2K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12LE5204AD-SOP-16	3.6--2.2	4K	256	4	1	No	1K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5204AD-DIP-16	3.6--2.2	4K	256	4	1	No	1K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5204AD-DIP-18	3.6--2.2	4K	256	4	1	No	1K	2	8-bit	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5204AD-SOP-20	3.6--2.2	4K	256	4	1	No	1K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5204AD-LSSOP-20	3.6--2.2	4K	256	4	1	No	1K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5204AD-DIP-20	3.6--2.2	4K	256	4	1	No	1K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5204AD-SOP-28	3.6--2.2	4K	256	4	1	No	1K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5204AD-SKDIP-28	3.6--2.2	4K	256	4	1	No	1K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5204AD-SOP-32	3.6--2.2	4K	256	4	1	No	1K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12LE5204AD-LQFP-32	3.6--2.2	4K	256	4	1	No	1K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12LE5205AD-SOP-16	3.6--2.2	5K	256	4	1	No	1K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5205AD-DIP-16	3.6--2.2	5K	256	4	1	No	1K	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5205AD-DIP-18	3.6--2.2	5K	256	4	1	No	1K	2	8-bit	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5205AD-SOP-20	3.6--2.2	5K	256	4	1	No	1K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5205AD-LSSOP-20	3.6--2.2	5K	256	4	1	No	1K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5205AD-DIP-20	3.6--2.2	5K	256	4	1	No	1K	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5205AD-SOP-28	3.6--2.2	5K	256	4	1	No	1K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5205AD-SKDIP-28	3.6--2.2	5K	256	4	1	No	1K	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5205AD-SOP-32	3.6--2.2	5K	256	4	1	No	1K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12LE5205AD-LQFP-32	3.6--2.2	5K	256	4	1	No	1K	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32
STC12LE5206AD-SOP-16	3.6--2.2	6K	256	4	1	No	IAP	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	SOP-16
STC12LE5206AD-DIP-16	3.6--2.2	6K	256	4	1	No	IAP	2	8-bit	11	Yes	No	Yes	Yes	Yes	6	No	DIP-16
STC12LE5206AD-DIP-18	3.6--2.2	6K	256	4	1	No	IAP	2	8-bit	13	Yes	No	Yes	Yes	Yes	6	No	DIP-18
STC12LE5206AD-SOP-20	3.6--2.2	6K	256	4	1	No	IAP	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	SOP-20
STC12LE5206AD-LSSOP-20	3.6--2.2	6K	256	4	1	No	IAP	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	LSSOP-20
STC12LE5206AD-DIP-20	3.6--2.2	6K	256	4	1	No	IAP	2	8-bit	15	Yes	No	Yes	Yes	Yes	6	No	DIP-20
STC12LE5206AD-SOP-28	3.6--2.2	6K	256	4	1	No	IAP	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SOP-28
STC12LE5206AD-SKDIP-28	3.6--2.2	6K	256	4	1	No	IAP	2	8-bit	23	Yes	No	Yes	Yes	Yes	6	No	SKDIP-28
STC12LE5206AD-SOP-32	3.6--2.2	6K	256	4	1	No	IAP	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	SOP-32
STC12LE5206AD-LQFP-32	3.6--2.2	6K	256	4	1	No	IAP	2	8-bit	27	Yes	No	Yes	Yes	Yes	6	No	LQFP-32

STC12C56xx Series Selection Table



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5608-TSSOP-20	5.5--3.5	8K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5608-DIP-20	5.5--3.5	8K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5608-SOP-28	5.5--3.5	8K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5608-SKDIP-28	5.5--3.5	8K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5608-SOP-32	5.5--3.5	8K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5608-LQFP-32	5.5--3.5	8K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5612-SOP-20	5.5--3.5	12K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5612-TSSOP-20	5.5--3.5	12K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5612-DIP-20	5.5--3.5	12K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5612-SOP-28	5.5--3.5	12K	768	6	1	No	IAP	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5612-SKDIP-28	5.5--3.5	12K	768	6	1	No	IAP	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5612-SOP-32	5.5--3.5	12K	768	6	1	No	IAP	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5612-LQFP-32	5.5--3.5	12K	768	6	1	No	IAP	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5616-SOP-20	5.5--3.5	16K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5616-TSSOP-20	5.5--3.5	16K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5616-DIP-20	5.5--3.5	16K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5616-SOP-28	5.5--3.5	16K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5616-SKDIP-28	5.5--3.5	16K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5616-SOP-32	5.5--3.5	16K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5616-LQFP-32	5.5--3.5	16K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5620-SOP-20	5.5--3.5	20K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5620-TSSOP-20	5.5--3.5	20K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5620-DIP-20	5.5--3.5	20K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5620-SOP-28	5.5--3.5	20K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5620-SKDIP-28	5.5--3.5	20K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5620-SOP-32	5.5--3.5	20K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5620-LQFP-32	5.5--3.5	20K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5624-SOP-20	5.5--3.5	24K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5624-TSSOP-20	5.5--3.5	24K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5624-DIP-20	5.5--3.5	24K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5624-SOP-28	5.5--3.5	24K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5624-SKDIP-28	5.5--3.5	24K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5624-SOP-32	5.5--3.5	24K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5624-LQFP-32	5.5--3.5	24K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5628-SOP-20	5.5--3.5	28K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5628-TSSOP-20	5.5--3.5	28K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5628-DIP-20	5.5--3.5	28K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5628-SOP-28	5.5--3.5	28K	768	6	1	No	IAP	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5628-SKDIP-28	5.5--3.5	28K	768	6	1	No	IAP	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5628-SOP-32	5.5--3.5	28K	768	6	1	No	IAP	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5628-LQFP-32	5.5--3.5	28K	768	6	1	No	IAP	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5630-SOP-20	5.5--3.5	30K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5630-TSSOP-20	5.5--3.5	30K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5630-DIP-20	5.5--3.5	30K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5630-SOP-28	5.5--3.5	30K	768	6	1	No	IAP	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5630-SKDIP-28	5.5--3.5	30K	768	6	1	No	IAP	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5630-SOP-32	5.5--3.5	30K	768	6	1	No	IAP	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5630-LQFP-32	5.5--3.5	30K	768	6	1	No	IAP	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32

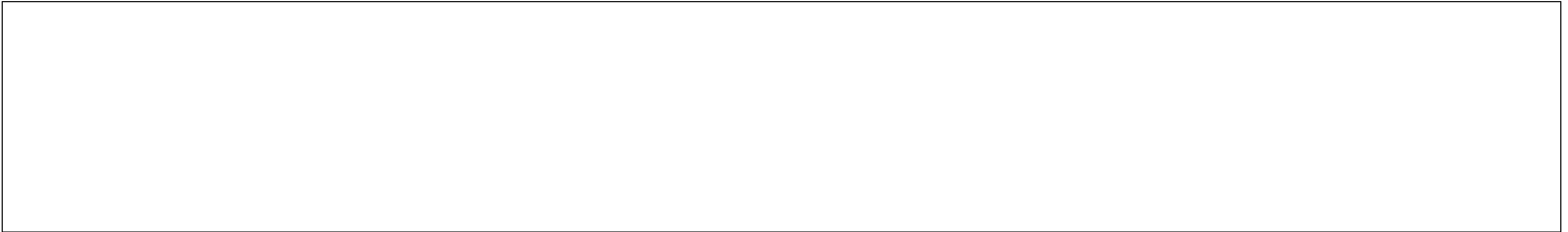
STC12LE56xx Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5604-SOP-20	3.6--2.2	4K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5604-TSSOP-20	3.6--2.2	4K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5604-DIP-20	3.6--2.2	4K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5604-SOP-28	3.6--2.2	4K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5604-SKDIP-28	3.6--2.2	4K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5604-SOP-32	3.6--2.2	4K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5604-LQFP-32	3.6--2.2	4K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5608-SOP-20	3.6--2.2	8K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5608-TSSOP-20	3.6--2.2	8K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5608-DIP-20	3.6--2.2	8K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5608-SOP-28	3.6--2.2	8K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5608-SKDIP-28	3.6--2.2	8K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5608-SOP-32	3.6--2.2	8K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5608-LQFP-32	3.6--2.2	8K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5612-SOP-20	3.6--2.2	12K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5612-TSSOP-20	3.6--2.2	12K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5612-DIP-20	3.6--2.2	12K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5612-SOP-28	3.6--2.2	12K	768	6	1	No	IAP	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5612-SKDIP-28	3.6--2.2	12K	768	6	1	No	IAP	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5612-SOP-32	3.6--2.2	12K	768	6	1	No	IAP	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5612-LQFP-32	3.6--2.2	12K	768	6	1	No	IAP	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5616-SOP-20	3.6--2.2	16K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5616-TSSOP-20	3.6--2.2	16K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5616-DIP-20	3.6--2.2	16K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5616-SOP-28	3.6--2.2	16K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5616-SKDIP-28	3.6--2.2	16K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5616-SOP-32	3.6--2.2	16K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5616-LQFP-32	3.6--2.2	16K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5620-SOP-20	3.6--2.2	20K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5620-TSSOP-20	3.6--2.2	20K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5620-DIP-20	3.6--2.2	20K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5620-SOP-28	3.6--2.2	20K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5620-SKDIP-28	3.6--2.2	20K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5620-SOP-32	3.6--2.2	20K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5620-LQFP-32	3.6--2.2	20K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5624-SOP-20	3.6--2.2	24K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5624-TSSOP-20	3.6--2.2	24K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5624-DIP-20	3.6--2.2	24K	768	6	1	No	4K	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5624-SOP-28	3.6--2.2	24K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5624-SKDIP-28	3.6--2.2	24K	768	6	1	No	4K	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5624-SOP-32	3.6--2.2	24K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5624-LQFP-32	3.6--2.2	24K	768	6	1	No	4K	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5628-SOP-20	3.6--2.2	28K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5628-TSSOP-20	3.6--2.2	28K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5628-DIP-20	3.6--2.2	28K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5628-SOP-28	3.6--2.2	28K	768	6	1	No	IAP	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5628-SKDIP-28	3.6--2.2	28K	768	6	1	No	IAP	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5628-SOP-32	3.6--2.2	28K	768	6	1	No	IAP	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5628-LQFP-32	3.6--2.2	28K	768	6	1	No	IAP	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5630-SOP-20	3.6--2.2	30K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5630-TSSOP-20	3.6--2.2	30K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5630-DIP-20	3.6--2.2	30K	768	6	1	No	IAP	4	No	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5630-SOP-28	3.6--2.2	30K	768	6	1	No	IAP	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5630-SKDIP-28	3.6--2.2	30K	768	6	1	No	IAP	4	No	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5630-SOP-32	3.6--2.2	30K	768	6	1	No	IAP	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5630-LQFP-32	3.6--2.2	30K	768	6	1	No	IAP	4	No	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32

STC12C56xxAD Series Selection Table



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5604AD-SOP-20	5.5--3.5	4K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5604AD-TSSOP-20	5.5--3.5	4K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5604AD-DIP-20	5.5--3.5	4K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5604AD-SOP-28	5.5--3.5	4K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5604AD-SKDIP-28	5.5--3.5	4K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5604AD-SOP-32	5.5--3.5	4K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5604AD-LQFP-32	5.5--3.5	4K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5608AD-SOP-20	5.5--3.5	8K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5608AD-TSSOP-20	5.5--3.5	8K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5608AD-DIP-20	5.5--3.5	8K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5608AD-SOP-28	5.5--3.5	8K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5608AD-SKDIP-28	5.5--3.5	8K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5608AD-SOP-32	5.5--3.5	8K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5608AD-LQFP-32	5.5--3.5	8K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5612AD-SOP-20	5.5--3.5	12K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5612AD-TSSOP-20	5.5--3.5	12K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5612AD-DIP-20	5.5--3.5	12K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5612AD-SOP-28	5.5--3.5	12K	768	6	1	No	IAP	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5612AD-SKDIP-28	5.5--3.5	12K	768	6	1	No	IAP	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5612AD-SOP-32	5.5--3.5	12K	768	6	1	No	IAP	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5612AD-LQFP-32	5.5--3.5	12K	768	6	1	No	IAP	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5616AD-SOP-20	5.5--3.5	16K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5616AD-TSSOP-20	5.5--3.5	16K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5616AD-DIP-20	5.5--3.5	16K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5616AD-SOP-28	5.5--3.5	16K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5616AD-SKDIP-28	5.5--3.5	16K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5616AD-SOP-32	5.5--3.5	16K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5616AD-LQFP-32	5.5--3.5	16K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5620AD-SOP-20	5.5--3.5	20K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5620AD-TSSOP-20	5.5--3.5	20K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5620AD-DIP-20	5.5--3.5	20K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5620AD-SOP-28	5.5--3.5	20K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5620AD-SKDIP-28	5.5--3.5	20K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5620AD-SOP-32	5.5--3.5	20K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5620AD-LQFP-32	5.5--3.5	20K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5624AD-SOP-20	5.5--3.5	24K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5624AD-TSSOP-20	5.5--3.5	24K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5624AD-DIP-20	5.5--3.5	24K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5624AD-SOP-28	5.5--3.5	24K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5624AD-SKDIP-28	5.5--3.5	24K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5624AD-SOP-32	5.5--3.5	24K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5624AD-LQFP-32	5.5--3.5	24K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5628AD-SOP-20	5.5--3.5	28K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5628AD-TSSOP-20	5.5--3.5	28K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5628AD-DIP-20	5.5--3.5	28K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5628AD-SOP-28	5.5--3.5	28K	768	6	1	No	IAP	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5628AD-SKDIP-28	5.5--3.5	28K	768	6	1	No	IAP	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5628AD-SOP-32	5.5--3.5	28K	768	6	1	No	IAP	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5628AD-LQFP-32	5.5--3.5	28K	768	6	1	No	IAP	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12C5630AD-SOP-20	5.5--3.5	30K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12C5630AD-TSSOP-20	5.5--3.5	30K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12C5630AD-DIP-20	5.5--3.5	30K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12C5630AD-SOP-28	5.5--3.5	30K	768	6	1	No	IAP	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12C5630AD-SKDIP-28	5.5--3.5	30K	768	6	1	No	IAP	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12C5630AD-SOP-32	5.5--3.5	30K	768	6	1	No	IAP	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12C5630AD-LQFP-32	5.5--3.5	30K	768	6	1	No	IAP	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32

STC12LE56xxAD Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5604AD-SOP-20	3.6--2.2	4K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5604AD-TSSOP-20	3.6--2.2	4K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5604AD-DIP-20	3.6--2.2	4K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5604AD-SOP-28	3.6--2.2	4K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5604AD-SKDIP-28	3.6--2.2	4K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5604AD-SOP-32	3.6--2.2	4K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5604AD-LQFP-32	3.6--2.2	4K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5608AD-SOP-20	3.6--2.2	8K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5608AD-TSSOP-20	3.6--2.2	8K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5608AD-DIP-20	3.6--2.2	8K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5608AD-SOP-28	3.6--2.2	8K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5608AD-SKDIP-28	3.6--2.2	8K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5608AD-SOP-32	3.6--2.2	8K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5608AD-LQFP-32	3.6--2.2	8K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5612AD-SOP-20	3.6--2.2	12K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5612AD-TSSOP-20	3.6--2.2	12K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5612AD-DIP-20	3.6--2.2	12K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5612AD-SOP-28	3.6--2.2	12K	768	6	1	No	IAP	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5612AD-SKDIP-28	3.6--2.2	12K	768	6	1	No	IAP	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5612AD-SOP-32	3.6--2.2	12K	768	6	1	No	IAP	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5612AD-LQFP-32	3.6--2.2	12K	768	6	1	No	IAP	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5616AD-SOP-20	3.6--2.2	16K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5616AD-TSSOP-20	3.6--2.2	16K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5616AD-DIP-20	3.6--2.2	16K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5616AD-SOP-28	3.6--2.2	16K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5616AD-SKDIP-28	3.6--2.2	16K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5616AD-SOP-32	3.6--2.2	16K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5616AD-LQFP-32	3.6--2.2	16K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5620AD-SOP-20	3.6--2.2	20K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5620AD-TSSOP-20	3.6--2.2	20K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5620AD-DIP-20	3.6--2.2	20K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5620AD-SOP-28	3.6--2.2	20K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5620AD-SKDIP-28	3.6--2.2	20K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5620AD-SOP-32	3.6--2.2	20K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5620AD-LQFP-32	3.6--2.2	20K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5624AD-SOP-20	3.6--2.2	24K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5624AD-TSSOP-20	3.6--2.2	24K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5624AD-DIP-20	3.6--2.2	24K	768	6	1	No	4K	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5624AD-SOP-28	3.6--2.2	24K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5624AD-SKDIP-28	3.6--2.2	24K	768	6	1	No	4K	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5624AD-SOP-32	3.6--2.2	24K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5624AD-LQFP-32	3.6--2.2	24K	768	6	1	No	4K	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5628AD-SOP-20	3.6--2.2	28K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5628AD-TSSOP-20	3.6--2.2	28K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5628AD-DIP-20	3.6--2.2	28K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5628AD-SOP-28	3.6--2.2	28K	768	6	1	No	IAP	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5628AD-SKDIP-28	3.6--2.2	28K	768	6	1	No	IAP	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5628AD-SOP-32	3.6--2.2	28K	768	6	1	No	IAP	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5628AD-LQFP-32	3.6--2.2	28K	768	6	1	No	IAP	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32
STC12LE5630AD-SOP-20	3.6--2.2	30K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	SOP-20
STC12LE5630AD-TSSOP-20	3.6--2.2	30K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	TSSOP-20
STC12LE5630AD-DIP-20	3.6--2.2	30K	768	6	1	No	IAP	4	10-bit	15	Yes	Yes	Yes	Yes	Yes	9	No	DIP-20
STC12LE5630AD-SOP-28	3.6--2.2	30K	768	6	1	No	IAP	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SOP-28
STC12LE5630AD-SKDIP-28	3.6--2.2	30K	768	6	1	No	IAP	4	10-bit	23	Yes	Yes	Yes	Yes	Yes	9	No	SKDIP-28
STC12LE5630AD-SOP-32	3.6--2.2	30K	768	6	1	No	IAP	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	SOP-32
STC12LE5630AD-LQFP-32	3.6--2.2	30K	768	6	1	No	IAP	4	10-bit	27	Yes	Yes	Yes	Yes	Yes	9	No	LQFP-32

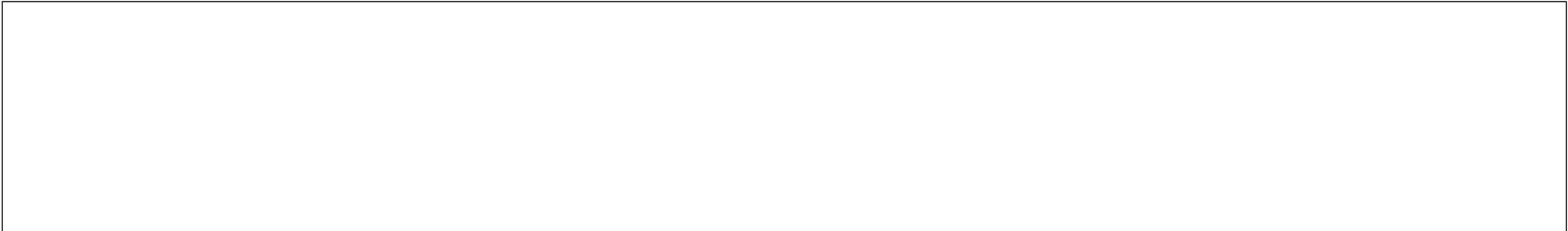
STC12C5AxxPWM Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5A08PWM-PDIP-40	5.5--3.5	8K	1280	4	1	Yes	53K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A08PWM-LQFP-44	5.5--3.5	8K	1280	4	1	Yes	53K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A08PWM-PLCC-44	5.5--3.5	8K	1280	4	1	Yes	53K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A08PWM-LQFP-48	5.5--3.5	8K	1280	4	1	Yes	53K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A16PWM-PDIP-40	5.5--3.5	16K	1280	4	1	Yes	45K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A16PWM-LQFP-44	5.5--3.5	16K	1280	4	1	Yes	45K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A16PWM-PLCC-44	5.5--3.5	16K	1280	4	1	Yes	45K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A16PWM-LQFP-48	5.5--3.5	16K	1280	4	1	Yes	45K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A20PWM-PDIP-40	5.5--3.5	20K	1280	4	1	Yes	41K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A20PWM-LQFP-44	5.5--3.5	20K	1280	4	1	Yes	41K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A20PWM-PLCC-44	5.5--3.5	20K	1280	4	1	Yes	41K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A20PWM-LQFP-48	5.5--3.5	20K	1280	4	1	Yes	41K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A32PWM-PDIP-40	5.5--3.5	32K	1280	4	1	Yes	29K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A32PWM-LQFP-44	5.5--3.5	32K	1280	4	1	Yes	29K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A32PWM-PLCC-44	5.5--3.5	32K	1280	4	1	Yes	29K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A32PWM-LQFP-48	5.5--3.5	32K	1280	4	1	Yes	29K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A40PWM-PDIP-40	5.5--3.5	40K	1280	4	1	Yes	21K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A40PWM-LQFP-44	5.5--3.5	40K	1280	4	1	Yes	21K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A40PWM-PLCC-44	5.5--3.5	40K	1280	4	1	Yes	21K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A40PWM-LQFP-48	5.5--3.5	40K	1280	4	1	Yes	21K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A48PWM-PDIP-40	5.5--3.5	48K	1280	4	1	Yes	13K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A48PWM-LQFP-44	5.5--3.5	48K	1280	4	1	Yes	13K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A48PWM-PLCC-44	5.5--3.5	48K	1280	4	1	Yes	13K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A48PWM-LQFP-48	5.5--3.5	48K	1280	4	1	Yes	13K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A52PWM-PDIP-40	5.5--3.5	52K	1280	4	1	Yes	9K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5A52PWM-LQFP-44	5.5--3.5	52K	1280	4	1	Yes	9K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A52PWM-PLCC-44	5.5--3.5	52K	1280	4	1	Yes	9K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A52PWM-LQFP-48	5.5--3.5	52K	1280	4	1	Yes	9K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A56PWM-PDIP-40	5.5--3.5	56K	1280	4	1	Yes	5K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A56PWM-LQFP-44	5.5--3.5	56K	1280	4	1	Yes	5K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A56PWM-PLCC-44	5.5--3.5	56K	1280	4	1	Yes	5K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A56PWM-LQFP-48	5.5--3.5	56K	1280	4	1	Yes	5K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A60PWM-PDIP-40	5.5--3.5	60K	1280	4	1	Yes	1K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A60PWM-LQFP-44	5.5--3.5	60K	1280	4	1	Yes	1K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A60PWM-PLCC-44	5.5--3.5	60K	1280	4	1	Yes	1K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A60PWM-LQFP-48	5.5--3.5	60K	1280	4	1	Yes	1K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
IAP12C5A62PWM-PDIP-40	5.5--3.5	62K	1280	4	1	Yes	IAP	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
IAP12C5A62PWM-LQFP-44	5.5--3.5	62K	1280	4	1	Yes	IAP	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
IAP12C5A62PWM-PLCC-44	5.5--3.5	62K	1280	4	1	Yes	IAP	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
IAP12C5A62PWM-LQFP-48	5.5--3.5	62K	1280	4	1	Yes	IAP	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48

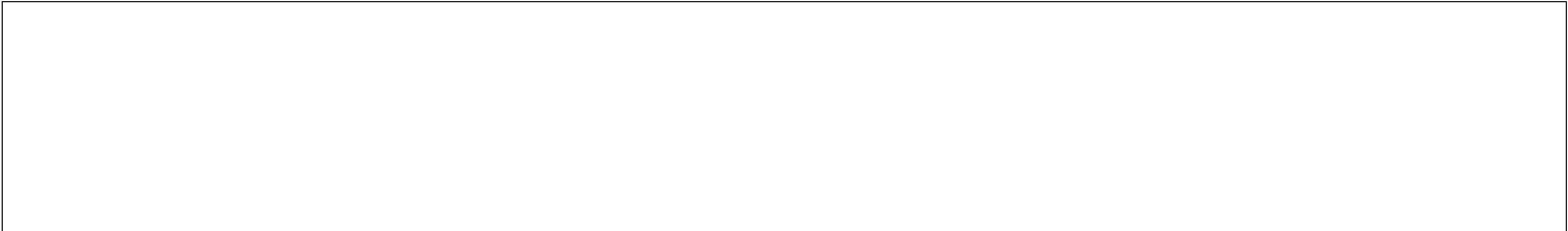
STC12LE5AxxPWM Series Selection Table



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5A08PWM-PDIP-40	3.6--2.1	8K	1280	4	1	Yes	53K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A08PWM-LQFP-44	3.6--2.1	8K	1280	4	1	Yes	53K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A08PWM-PLCC-44	3.6--2.1	8K	1280	4	1	Yes	53K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A08PWM-LQFP-48	3.6--2.1	8K	1280	4	1	Yes	53K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A16PWM-PDIP-40	3.6--2.1	16K	1280	4	1	Yes	45K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A16PWM-LQFP-44	3.6--2.1	16K	1280	4	1	Yes	45K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A16PWM-PLCC-44	3.6--2.1	16K	1280	4	1	Yes	45K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A16PWM-LQFP-48	3.6--2.1	16K	1280	4	1	Yes	45K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A20PWM-PDIP-40	3.6--2.1	20K	1280	4	1	Yes	41K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A20PWM-LQFP-44	3.6--2.1	20K	1280	4	1	Yes	41K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A20PWM-PLCC-44	3.6--2.1	20K	1280	4	1	Yes	41K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A20PWM-LQFP-48	3.6--2.1	20K	1280	4	1	Yes	41K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A32PWM-PDIP-40	3.6--2.1	32K	1280	4	1	Yes	29K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A32PWM-LQFP-44	3.6--2.1	32K	1280	4	1	Yes	29K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A32PWM-PLCC-44	3.6--2.1	32K	1280	4	1	Yes	29K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A32PWM-LQFP-48	3.6--2.1	32K	1280	4	1	Yes	29K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A40PWM-PDIP-40	3.6--2.1	40K	1280	4	1	Yes	21K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A40PWM-LQFP-44	3.6--2.1	40K	1280	4	1	Yes	21K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A40PWM-PLCC-44	3.6--2.1	40K	1280	4	1	Yes	21K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A40PWM-LQFP-48	3.6--2.1	40K	1280	4	1	Yes	21K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A48PWM-PDIP-40	3.6--2.1	48K	1280	4	1	Yes	13K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A48PWM-LQFP-44	3.6--2.1	48K	1280	4	1	Yes	13K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A48PWM-PLCC-44	3.6--2.1	48K	1280	4	1	Yes	13K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A48PWM-LQFP-48	3.6--2.1	48K	1280	4	1	Yes	13K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A52PWM-PDIP-40	3.6--2.1	52K	1280	4	1	Yes	9K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5A52PWM-LQFP-44	3.6--2.1	52K	1280	4	1	Yes	9K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A52PWM-PLCC-44	3.6--2.1	52K	1280	4	1	Yes	9K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A52PWM-LQFP-48	3.6--2.1	52K	1280	4	1	Yes	9K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A56PWM-PDIP-40	3.6--2.1	56K	1280	4	1	Yes	5K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A56PWM-LQFP-44	3.6--2.1	56K	1280	4	1	Yes	5K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A56PWM-PLCC-44	3.6--2.1	56K	1280	4	1	Yes	5K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A56PWM-LQFP-48	3.6--2.1	56K	1280	4	1	Yes	5K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A60PWM-PDIP-40	3.6--2.1	60K	1280	4	1	Yes	1K	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A60PWM-LQFP-44	3.6--2.1	60K	1280	4	1	Yes	1K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A60PWM-PLCC-44	3.6--2.1	60K	1280	4	1	Yes	1K	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A60PWM-LQFP-48	3.6--2.1	60K	1280	4	1	Yes	1K	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
IAP12LE5A62PWM-PDIP-40	3.6--2.1	62K	1280	4	1	Yes	IAP	2	No	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
IAP12LE5A62PWM-LQFP-44	3.6--2.1	62K	1280	4	1	Yes	IAP	2	No	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
IAP12LE5A62PWM-PLCC-44	3.6--2.1	62K	1280	4	1	Yes	IAP	2	No	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
IAP12LE5A62PWM-LQFP-48	3.6--2.1	62K	1280	4	1	Yes	IAP	2	No	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48

STC12C5AxxAD Series Selection Table

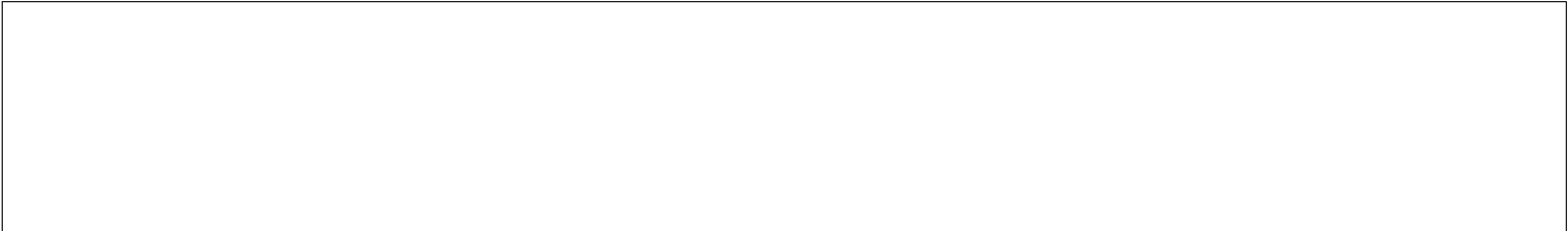


Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5A08AD-PDIP-40	5.5--3.5	8K	1280	4	1	Yes	53K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A08AD-LQFP-44	5.5--3.5	8K	1280	4	1	Yes	53K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A08AD-PLCC-44	5.5--3.5	8K	1280	4	1	Yes	53K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A08AD-LQFP-48	5.5--3.5	8K	1280	4	1	Yes	53K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A16AD-PDIP-40	5.5--3.5	16K	1280	4	1	Yes	45K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A16AD-LQFP-44	5.5--3.5	16K	1280	4	1	Yes	45K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A16AD-PLCC-44	5.5--3.5	16K	1280	4	1	Yes	45K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A16AD-LQFP-48	5.5--3.5	16K	1280	4	1	Yes	45K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A20AD-PDIP-40	5.5--3.5	20K	1280	4	1	Yes	41K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A20AD-LQFP-44	5.5--3.5	20K	1280	4	1	Yes	41K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A20AD-PLCC-44	5.5--3.5	20K	1280	4	1	Yes	41K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A20AD-LQFP-48	5.5--3.5	20K	1280	4	1	Yes	41K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A32AD-PDIP-40	5.5--3.5	32K	1280	4	1	Yes	29K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A32AD-LQFP-44	5.5--3.5	32K	1280	4	1	Yes	29K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A32AD-PLCC-44	5.5--3.5	32K	1280	4	1	Yes	29K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A32AD-LQFP-48	5.5--3.5	32K	1280	4	1	Yes	29K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A40AD-PDIP-40	5.5--3.5	40K	1280	4	1	Yes	21K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A40AD-LQFP-44	5.5--3.5	40K	1280	4	1	Yes	21K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A40AD-PLCC-44	5.5--3.5	40K	1280	4	1	Yes	21K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A40AD-LQFP-48	5.5--3.5	40K	1280	4	1	Yes	21K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A48AD-PDIP-40	5.5--3.5	48K	1280	4	1	Yes	13K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A48AD-LQFP-44	5.5--3.5	48K	1280	4	1	Yes	13K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A48AD-PLCC-44	5.5--3.5	48K	1280	4	1	Yes	13K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A48AD-LQFP-48	5.5--3.5	48K	1280	4	1	Yes	13K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A52AD-PDIP-40	5.5--3.5	52K	1280	4	1	Yes	9K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5A52AD-LQFP-44	5.5--3.5	52K	1280	4	1	Yes	9K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A52AD-PLCC-44	5.5--3.5	52K	1280	4	1	Yes	9K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A52AD-LQFP-48	5.5--3.5	52K	1280	4	1	Yes	9K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A56AD-PDIP-40	5.5--3.5	56K	1280	4	1	Yes	5K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A56AD-LQFP-44	5.5--3.5	56K	1280	4	1	Yes	5K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A56AD-PLCC-44	5.5--3.5	56K	1280	4	1	Yes	5K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A56AD-LQFP-48	5.5--3.5	56K	1280	4	1	Yes	5K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A60AD-PDIP-40	5.5--3.5	60K	1280	4	1	Yes	1K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A60AD-LQFP-44	5.5--3.5	60K	1280	4	1	Yes	1K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A60AD-PLCC-44	5.5--3.5	60K	1280	4	1	Yes	1K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A60AD-LQFP-48	5.5--3.5	60K	1280	4	1	Yes	1K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
IAP12C5A62AD-PDIP-40	5.5--3.5	62K	1280	4	1	Yes	IAP	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
IAP12C5A62AD-LQFP-44	5.5--3.5	62K	1280	4	1	Yes	IAP	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
IAP12C5A62AD-PLCC-44	5.5--3.5	62K	1280	4	1	Yes	IAP	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
IAP12C5A62AD-LQFP-48	5.5--3.5	62K	1280	4	1	Yes	IAP	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48

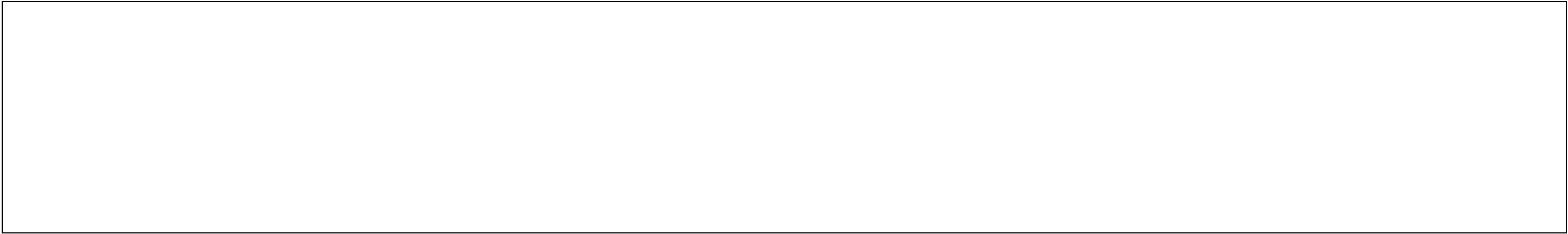
STC12LE5AxxAD Series Selection Table



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5A08AD-PDIP-40	3.6--2.1	8K	1280	4	1	Yes	53K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A08AD-LQFP-44	3.6--2.1	8K	1280	4	1	Yes	53K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A08AD-PLCC-44	3.6--2.1	8K	1280	4	1	Yes	53K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A08AD-LQFP-48	3.6--2.1	8K	1280	4	1	Yes	53K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A16AD-PDIP-40	3.6--2.1	16K	1280	4	1	Yes	45K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A16AD-LQFP-44	3.6--2.1	16K	1280	4	1	Yes	45K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A16AD-PLCC-44	3.6--2.1	16K	1280	4	1	Yes	45K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A16AD-LQFP-48	3.6--2.1	16K	1280	4	1	Yes	45K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A20AD-PDIP-40	3.6--2.1	20K	1280	4	1	Yes	41K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A20AD-LQFP-44	3.6--2.1	20K	1280	4	1	Yes	41K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A20AD-PLCC-44	3.6--2.1	20K	1280	4	1	Yes	41K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A20AD-LQFP-48	3.6--2.1	20K	1280	4	1	Yes	41K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A32AD-PDIP-40	3.6--2.1	32K	1280	4	1	Yes	29K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A32AD-LQFP-44	3.6--2.1	32K	1280	4	1	Yes	29K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A32AD-PLCC-44	3.6--2.1	32K	1280	4	1	Yes	29K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A32AD-LQFP-48	3.6--2.1	32K	1280	4	1	Yes	29K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A40AD-PDIP-40	3.6--2.1	40K	1280	4	1	Yes	21K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A40AD-LQFP-44	3.6--2.1	40K	1280	4	1	Yes	21K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A40AD-PLCC-44	3.6--2.1	40K	1280	4	1	Yes	21K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A40AD-LQFP-48	3.6--2.1	40K	1280	4	1	Yes	21K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A48AD-PDIP-40	3.6--2.1	48K	1280	4	1	Yes	13K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A48AD-LQFP-44	3.6--2.1	48K	1280	4	1	Yes	13K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A48AD-PLCC-44	3.6--2.1	48K	1280	4	1	Yes	13K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A48AD-LQFP-48	3.6--2.1	48K	1280	4	1	Yes	13K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A52AD-PDIP-40	3.6--2.1	52K	1280	4	1	Yes	9K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5A52AD-LQFP-44	3.6--2.1	52K	1280	4	1	Yes	9K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A52AD-PLCC-44	3.6--2.1	52K	1280	4	1	Yes	9K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A52AD-LQFP-48	3.6--2.1	52K	1280	4	1	Yes	9K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A56AD-PDIP-40	3.6--2.1	56K	1280	4	1	Yes	5K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A56AD-LQFP-44	3.6--2.1	56K	1280	4	1	Yes	5K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A56AD-PLCC-44	3.6--2.1	56K	1280	4	1	Yes	5K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A56AD-LQFP-48	3.6--2.1	56K	1280	4	1	Yes	5K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A60AD-PDIP-40	3.6--2.1	60K	1280	4	1	Yes	1K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A60AD-LQFP-44	3.6--2.1	60K	1280	4	1	Yes	1K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A60AD-PLCC-44	3.6--2.1	60K	1280	4	1	Yes	1K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A60AD-LQFP-48	3.6--2.1	60K	1280	4	1	Yes	1K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
IAP12LE5A62AD-PDIP-40	3.6--2.1	62K	1280	4	1	Yes	IAP	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
IAP12LE5A62AD-LQFP-44	3.6--2.1	62K	1280	4	1	Yes	IAP	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
IAP12LE5A62AD-PLCC-44	3.6--2.1	62K	1280	4	1	Yes	IAP	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
IAP12LE5A62AD-LQFP-48	3.6--2.1	62K	1280	4	1	Yes	IAP	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48

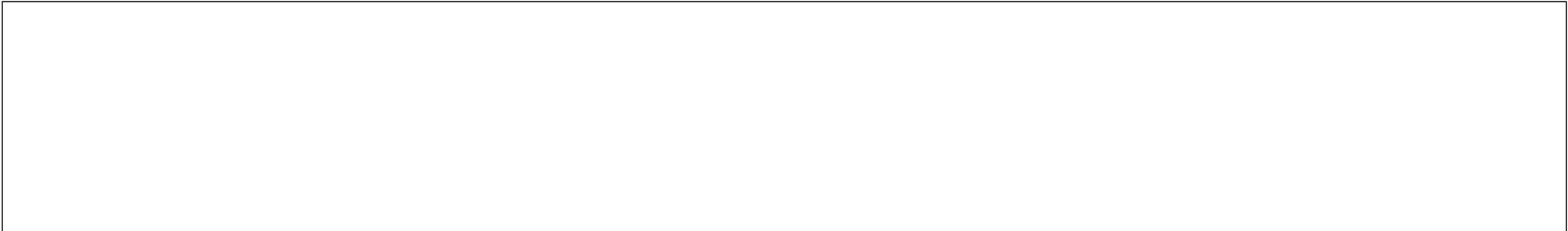
STC12C5AxxS2 Series Selection Table



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5A08S2-PDIP-40	5.5--3.5	8K	1280	4	2--3	Yes	53K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A08S2-LQFP-44	5.5--3.5	8K	1280	4	2--3	Yes	53K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A08S2-PLCC-44	5.5--3.5	8K	1280	4	2--3	Yes	53K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A08S2-LQFP-48	5.5--3.5	8K	1280	4	2--3	Yes	53K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A16S2-PDIP-40	5.5--3.5	16K	1280	4	2--3	Yes	45K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A16S2-LQFP-44	5.5--3.5	16K	1280	4	2--3	Yes	45K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A16S2-PLCC-44	5.5--3.5	16K	1280	4	2--3	Yes	45K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A16S2-LQFP-48	5.5--3.5	16K	1280	4	2--3	Yes	45K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A20S2-PDIP-40	5.5--3.5	20K	1280	4	2--3	Yes	41K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A20S2-LQFP-44	5.5--3.5	20K	1280	4	2--3	Yes	41K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A20S2-PLCC-44	5.5--3.5	20K	1280	4	2--3	Yes	41K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A20S2-LQFP-48	5.5--3.5	20K	1280	4	2--3	Yes	41K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A32S2-PDIP-40	5.5--3.5	32K	1280	4	2--3	Yes	29K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A32S2-LQFP-44	5.5--3.5	32K	1280	4	2--3	Yes	29K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A32S2-PLCC-44	5.5--3.5	32K	1280	4	2--3	Yes	29K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A32S2-LQFP-48	5.5--3.5	32K	1280	4	2--3	Yes	29K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A40S2-PDIP-40	5.5--3.5	40K	1280	4	2--3	Yes	21K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A40S2-LQFP-44	5.5--3.5	40K	1280	4	2--3	Yes	21K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A40S2-PLCC-44	5.5--3.5	40K	1280	4	2--3	Yes	21K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A40S2-LQFP-48	5.5--3.5	40K	1280	4	2--3	Yes	21K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A48S2-PDIP-40	5.5--3.5	48K	1280	4	2--3	Yes	13K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A48S2-LQFP-44	5.5--3.5	48K	1280	4	2--3	Yes	13K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A48S2-PLCC-44	5.5--3.5	48K	1280	4	2--3	Yes	13K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A48S2-LQFP-48	5.5--3.5	48K	1280	4	2--3	Yes	13K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A52S2-PDIP-40	5.5--3.5	52K	1280	4	2--3	Yes	9K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12C5A52S2-LQFP-44	5.5--3.5	52K	1280	4	2--3	Yes	9K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A52S2-PLCC-44	5.5--3.5	52K	1280	4	2--3	Yes	9K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A52S2-LQFP-48	5.5--3.5	52K	1280	4	2--3	Yes	9K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A56S2-PDIP-40	5.5--3.5	56K	1280	4	2--3	Yes	5K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A56S2-LQFP-44	5.5--3.5	56K	1280	4	2--3	Yes	5K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A56S2-PLCC-44	5.5--3.5	56K	1280	4	2--3	Yes	5K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A56S2-LQFP-48	5.5--3.5	56K	1280	4	2--3	Yes	5K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12C5A60S2-PDIP-40	5.5--3.5	60K	1280	4	2--3	Yes	1K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12C5A60S2-LQFP-44	5.5--3.5	60K	1280	4	2--3	Yes	1K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12C5A60S2-PLCC-44	5.5--3.5	60K	1280	4	2--3	Yes	1K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12C5A60S2-LQFP-48	5.5--3.5	60K	1280	4	2--3	Yes	1K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
IAP12C5A62S2-PDIP-40	5.5--3.5	62K	1280	4	2--3	Yes	IAP	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
IAP12C5A62S2-LQFP-44	5.5--3.5	62K	1280	4	2--3	Yes	IAP	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
IAP12C5A62S2-PLCC-44	5.5--3.5	62K	1280	4	2--3	Yes	IAP	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
IAP12C5A62S2-LQFP-48	5.5--3.5	62K	1280	4	2--3	Yes	IAP	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48

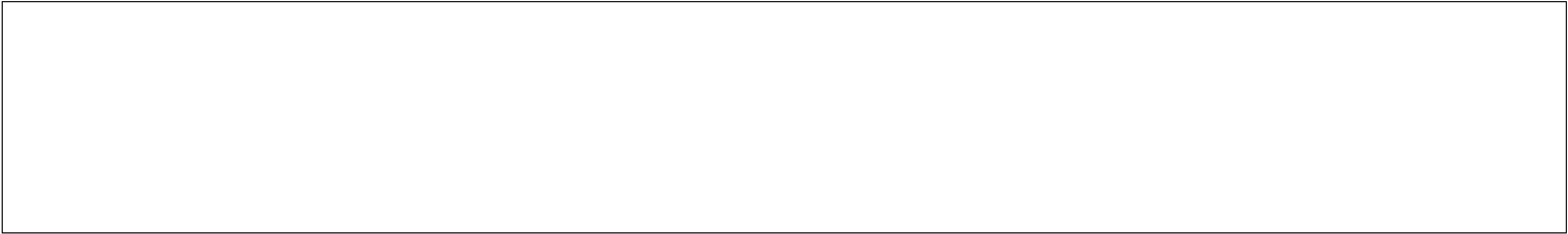
STC12LE5AxxS2 Series Selection Table



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5A08S2-PDIP-40	3.6--2.1	8K	1280	4	2--3	Yes	53K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A08S2-LQFP-44	3.6--2.1	8K	1280	4	2--3	Yes	53K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A08S2-PLCC-44	3.6--2.1	8K	1280	4	2--3	Yes	53K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A08S2-LQFP-48	3.6--2.1	8K	1280	4	2--3	Yes	53K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A16S2-PDIP-40	3.6--2.1	16K	1280	4	2--3	Yes	45K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A16S2-LQFP-44	3.6--2.1	16K	1280	4	2--3	Yes	45K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A16S2-PLCC-44	3.6--2.1	16K	1280	4	2--3	Yes	45K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A16S2-LQFP-48	3.6--2.1	16K	1280	4	2--3	Yes	45K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A20S2-PDIP-40	3.6--2.1	20K	1280	4	2--3	Yes	41K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A20S2-LQFP-44	3.6--2.1	20K	1280	4	2--3	Yes	41K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A20S2-PLCC-44	3.6--2.1	20K	1280	4	2--3	Yes	41K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A20S2-LQFP-48	3.6--2.1	20K	1280	4	2--3	Yes	41K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A32S2-PDIP-40	3.6--2.1	32K	1280	4	2--3	Yes	29K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A32S2-LQFP-44	3.6--2.1	32K	1280	4	2--3	Yes	29K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A32S2-PLCC-44	3.6--2.1	32K	1280	4	2--3	Yes	29K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A32S2-LQFP-48	3.6--2.1	32K	1280	4	2--3	Yes	29K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A40S2-PDIP-40	3.6--2.1	40K	1280	4	2--3	Yes	21K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A40S2-LQFP-44	3.6--2.1	40K	1280	4	2--3	Yes	21K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A40S2-PLCC-44	3.6--2.1	40K	1280	4	2--3	Yes	21K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A40S2-LQFP-48	3.6--2.1	40K	1280	4	2--3	Yes	21K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A48S2-PDIP-40	3.6--2.1	48K	1280	4	2--3	Yes	13K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A48S2-LQFP-44	3.6--2.1	48K	1280	4	2--3	Yes	13K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A48S2-PLCC-44	3.6--2.1	48K	1280	4	2--3	Yes	13K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A48S2-LQFP-48	3.6--2.1	48K	1280	4	2--3	Yes	13K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A52S2-PDIP-40	3.6--2.1	52K	1280	4	2--3	Yes	9K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC12LE5A52S2-LQFP-44	3.6--2.1	52K	1280	4	2--3	Yes	9K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A52S2-PLCC-44	3.6--2.1	52K	1280	4	2--3	Yes	9K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A52S2-LQFP-48	3.6--2.1	52K	1280	4	2--3	Yes	9K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A56S2-PDIP-40	3.6--2.1	56K	1280	4	2--3	Yes	5K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A56S2-LQFP-44	3.6--2.1	56K	1280	4	2--3	Yes	5K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A56S2-PLCC-44	3.6--2.1	56K	1280	4	2--3	Yes	5K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A56S2-LQFP-48	3.6--2.1	56K	1280	4	2--3	Yes	5K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
STC12LE5A60S2-PDIP-40	3.6--2.1	60K	1280	4	2--3	Yes	1K	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
STC12LE5A60S2-LQFP-44	3.6--2.1	60K	1280	4	2--3	Yes	1K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
STC12LE5A60S2-PLCC-44	3.6--2.1	60K	1280	4	2--3	Yes	1K	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
STC12LE5A60S2-LQFP-48	3.6--2.1	60K	1280	4	2--3	Yes	1K	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48
IAP12LE5A62S2-PDIP-40	3.6--2.1	62K	1280	4	2--3	Yes	IAP	2	10-bit	36	Yes	No	Yes	Yes	Yes	7	No	PDIP-40
IAP12LE5A62S2-LQFP-44	3.6--2.1	62K	1280	4	2--3	Yes	IAP	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	LQFP-44
IAP12LE5A62S2-PLCC-44	3.6--2.1	62K	1280	4	2--3	Yes	IAP	2	10-bit	40	Yes	No	Yes	Yes	Yes	7	No	PLCC-44
IAP12LE5A62S2-LQFP-48	3.6--2.1	62K	1280	4	2--3	Yes	IAP	2	10-bit	44	Yes	No	Yes	Yes	Yes	7	No	LQFP-48

STC15F1xx Series Selection Table



Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC15F100-SOP-8	5.5--3.8	512	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15F100-DIP-8	5.5--3.8	512	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15F101-SOP-8	5.5--3.8	1K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15F101-DIP-8	5.5--3.8	1K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15F101E-SOP-8	5.5--3.8	1K	128	2	No	No	2K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15F101E-DIP-8	5.5--3.8	1K	128	2	No	No	2K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15F102-SOP-8	5.5--3.8	2K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15F102-DIP-8	5.5--3.8	2K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15F102E-SOP-8	5.5--3.8	2K	128	2	No	No	2K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15F102E-DIP-8	5.5--3.8	2K	128	2	No	No	2K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15F103-SOP-8	5.5--3.8	3K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15F103-DIP-8	5.5--3.8	3K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15F103E-SOP-8	5.5--3.8	3K	128	2	No	No	2K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15F103E-DIP-8	5.5--3.8	3K	128	2	No	No	2K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15F104-SOP-8	5.5--3.8	4K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15F104-DIP-8	5.5--3.8	4K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15F104E-SOP-8	5.5--3.8	4K	128	2	No	No	1K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15F104E-DIP-8	5.5--3.8	4K	128	2	No	No	1K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15F105-SOP-8	5.5--3.8	5K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15F105-DIP-8	5.5--3.8	5K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15F105E-SOP-8	5.5--3.8	5K	128	2	No	No	1K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15F105E-DIP-8	5.5--3.8	5K	128	2	No	No	1K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
IAP15F106-SOP-8	5.5--3.8	6K	128	2	No	No	IAP	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
IAP15F106-DIP-8	5.5--3.8	6K	128	2	No	No	IAP	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8



STC15L1xx Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC15L100-SOP-8	3.6--2.4	512	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15L100-DIP-8	3.6--2.4	512	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15L101-SOP-8	3.6--2.4	1K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15L101-DIP-8	3.6--2.4	1K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15L101E-SOP-8	3.6--2.4	1K	128	2	No	No	2K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15L101E-DIP-8	3.6--2.4	1K	128	2	No	No	2K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15L102-SOP-8	3.6--2.4	2K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15L102-DIP-8	3.6--2.4	2K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15L102E-SOP-8	3.6--2.4	2K	128	2	No	No	2K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15L102E-DIP-8	3.6--2.4	2K	128	2	No	No	2K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15L103-SOP-8	3.6--2.4	3K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15L103-DIP-8	3.6--2.4	3K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15L103E-SOP-8	3.6--2.4	3K	128	2	No	No	2K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15L103E-DIP-8	3.6--2.4	3K	128	2	No	No	2K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15L104-SOP-8	3.6--2.4	4K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15L104-DIP-8	3.6--2.4	4K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15L104E-SOP-8	3.6--2.4	4K	128	2	No	No	1K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15L104E-DIP-8	3.6--2.4	4K	128	2	No	No	1K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15L105-SOP-8	3.6--2.4	5K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15L105-DIP-8	3.6--2.4	5K	128	2	No	No	No	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
STC15L105E-SOP-8	3.6--2.4	5K	128	2	No	No	1K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
STC15L105E-DIP-8	3.6--2.4	5K	128	2	No	No	1K	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8
IAP15L106-SOP-8	3.6--2.4	6K	128	2	No	No	IAP	No	No	6	Yes	No	Yes	Yes	Yes	5	No	SOP-8
IAP15L106-DIP-8	3.6--2.4	6K	128	2	No	No	IAP	No	No	6	Yes	No	Yes	Yes	Yes	5	No	DIP-8

STC15F2xxA Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC15F201A-SOP-20	5.5--3.8	1K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15F201A-DIP-20	5.5--3.8	1K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15F201A-LSSOP-20	5.5--3.8	1K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15F201A-SOP-28	5.5--3.8	1K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15F201A-SKDIP-28	5.5--3.8	1K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15F201EA-SOP-20	5.5--3.8	1K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15F201EA-DIP-20	5.5--3.8	1K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15F201EA-LSSOP-20	5.5--3.8	1K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15F201EA-SOP-28	5.5--3.8	1K	256	2	No	No	2K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15F201EA-SKDIP-28	5.5--3.8	1K	256	2	No	No	2K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15F202A-SOP-20	5.5--3.8	2K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15F202A-DIP-20	5.5--3.8	2K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15F202A-LSSOP-20	5.5--3.8	2K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15F202A-SOP-28	5.5--3.8	2K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15F202A-SKDIP-28	5.5--3.8	2K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15F202EA-SOP-20	5.5--3.8	2K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15F202EA-DIP-20	5.5--3.8	2K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15F202EA-LSSOP-20	5.5--3.8	2K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15F202EA-SOP-28	5.5--3.8	2K	256	2	No	No	2K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15F202EA-SKDIP-28	5.5--3.8	2K	256	2	No	No	2K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15F203A-SOP-20	5.5--3.8	3K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15F203A-DIP-20	5.5--3.8	3K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15F203A-LSSOP-20	5.5--3.8	3K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15F203A-SOP-28	5.5--3.8	3K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15F203A-SKDIP-28	5.5--3.8	3K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC15F203EA-SOP-20	5.5--3.8	3K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15F203EA-DIP-20	5.5--3.8	3K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15F203EA-LSSOP-20	5.5--3.8	3K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15F203EA-SOP-28	5.5--3.8	3K	256	2	No	No	2K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15F203EA-SKDIP-28	5.5--3.8	3K	256	2	No	No	2K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15F204A-SOP-20	5.5--3.8	4K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15F204A-DIP-20	5.5--3.8	4K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15F204A-LSSOP-20	5.5--3.8	4K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15F204A-SOP-28	5.5--3.8	4K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15F204A-SKDIP-28	5.5--3.8	4K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15F204EA-SOP-20	5.5--3.8	4K	256	2	No	No	1K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15F204EA-DIP-20	5.5--3.8	4K	256	2	No	No	1K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15F204EA-LSSOP-20	5.5--3.8	4K	256	2	No	No	1K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15F204EA-SOP-28	5.5--3.8	4K	256	2	No	No	1K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15F204EA-SKDIP-28	5.5--3.8	4K	256	2	No	No	1K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15F205A-SOP-20	5.5--3.8	5K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15F205A-DIP-20	5.5--3.8	5K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15F205A-LSSOP-20	5.5--3.8	5K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15F205A-SOP-28	5.5--3.8	5K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15F205A-SKDIP-28	5.5--3.8	5K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15F205EA-SOP-20	5.5--3.8	5K	256	2	No	No	1K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15F205EA-DIP-20	5.5--3.8	5K	256	2	No	No	1K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15F205EA-LSSOP-20	5.5--3.8	5K	256	2	No	No	1K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15F205EA-SOP-28	5.5--3.8	5K	256	2	No	No	1K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15F205EA-SKDIP-28	5.5--3.8	5K	256	2	No	No	1K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
IAP15F206A-SOP-20	5.5--3.8	6K	256	2	No	No	IAP	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
IAP15F206A-DIP-20	5.5--3.8	6K	256	2	No	No	IAP	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
IAP15F206A-LSSOP-20	5.5--3.8	6K	256	2	No	No	IAP	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
IAP15F206A-SOP-28	5.5--3.8	6K	256	2	No	No	IAP	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
IAP15F206A-SKDIP-28	5.5--3.8	6K	256	2	No	No	IAP	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28

STC15L2xxA Series Selection Table

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Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC15L201A-SOP-20	3.6--2.4	1K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15L201A-DIP-20	3.6--2.4	1K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15L201A-LSSOP-20	3.6--2.4	1K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15L201A-SOP-28	3.6--2.4	1K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15L201A-SKDIP-28	3.6--2.4	1K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15L201EA-SOP-20	3.6--2.4	1K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15L201EA-DIP-20	3.6--2.4	1K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15L201EA-LSSOP-20	3.6--2.4	1K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15L201EA-SOP-28	3.6--2.4	1K	256	2	No	No	2K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15L201EA-SKDIP-28	3.6--2.4	1K	256	2	No	No	2K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15L202A-SOP-20	3.6--2.4	2K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15L202A-DIP-20	3.6--2.4	2K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15L202A-LSSOP-20	3.6--2.4	2K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15L202A-SOP-28	3.6--2.4	2K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15L202A-SKDIP-28	3.6--2.4	2K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15L202EA-SOP-20	3.6--2.4	2K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15L202EA-DIP-20	3.6--2.4	2K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15L202EA-LSSOP-20	3.6--2.4	2K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15L202EA-SOP-28	3.6--2.4	2K	256	2	No	No	2K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15L202EA-SKDIP-28	3.6--2.4	2K	256	2	No	No	2K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15L203A-SOP-20	3.6--2.4	3K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15L203A-DIP-20	3.6--2.4	3K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15L203A-LSSOP-20	3.6--2.4	3K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15L203A-SOP-28	3.6--2.4	3K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15L203A-SKDIP-28	3.6--2.4	3K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28

Type	VCC	Flash (B)	SRAM (B)	Timer	UART	Independent baud rate generator	EEPROM (Bytes)	PCA PWM D/A	A/D	I/O	WDT	SPI	Internal Reset	Configurable Internal Low Voltage interrupt	Internal Reset Threshold Voltage	External Wake-up Interrupts	Power Down Wake-up Timer	Package
STC15L203EA-SOP-20	3.6--2.4	3K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15L203EA-DIP-20	3.6--2.4	3K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15L203EA-LSSOP-20	3.6--2.4	3K	256	2	No	No	2K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15L203EA-SOP-28	3.6--2.4	3K	256	2	No	No	2K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15L203EA-SKDIP-28	3.6--2.4	3K	256	2	No	No	2K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15L204A-SOP-20	3.6--2.4	4K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15L204A-DIP-20	3.6--2.4	4K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15L204A-LSSOP-20	3.6--2.4	4K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15L204A-SOP-28	3.6--2.4	4K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15L204A-SKDIP-28	3.6--2.4	4K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15L204EA-SOP-20	3.6--2.4	4K	256	2	No	No	1K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15L204EA-DIP-20	3.6--2.4	4K	256	2	No	No	1K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15L204EA-LSSOP-20	3.6--2.4	4K	256	2	No	No	1K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15L204EA-SOP-28	3.6--2.4	4K	256	2	No	No	1K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15L204EA-SKDIP-28	3.6--2.4	4K	256	2	No	No	1K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15L205A-SOP-20	3.6--2.4	5K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15L205A-DIP-20	3.6--2.4	5K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15L205A-LSSOP-20	3.6--2.4	5K	256	2	No	No	No	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15L205A-SOP-28	3.6--2.4	5K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15L205A-SKDIP-28	3.6--2.4	5K	256	2	No	No	No	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
STC15L205EA-SOP-20	3.6--2.4	5K	256	2	No	No	1K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
STC15L205EA-DIP-20	3.6--2.4	5K	256	2	No	No	1K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
STC15L205EA-LSSOP-20	3.6--2.4	5K	256	2	No	No	1K	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
STC15L205EA-SOP-28	3.6--2.4	5K	256	2	No	No	1K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
STC15L205EA-SKDIP-28	3.6--2.4	5K	256	2	No	No	1K	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28
IAP15F206A-SOP-20	3.6--2.4	6K	256	2	No	No	IAP	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	SOP-20
IAP15F206A-DIP-20	3.6--2.4	6K	256	2	No	No	IAP	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	DIP-20
IAP15F206A-LSSOP-20	3.6--2.4	6K	256	2	No	No	IAP	No	10-bit	18	Yes	No	Yes	Yes	Yes	5	No	LSSOP-20
IAP15F206A-SOP-28	3.6--2.4	6K	256	2	No	No	IAP	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SOP-28
IAP15F206A-SKDIP-28	3.6--2.4	6K	256	2	No	No	IAP	No	10-bit	26	Yes	No	Yes	Yes	Yes	5	No	SKDIP-28