



Image may be representation.
See specifications for product details.



SPC560P40L1CEFBY

Manufacturer Part Number	SPC560P40L1CEFBY
Manufacturer	STMicroelectronics
Allelco Part Number	32D-SPC560P40L1CEFBY
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 256KB FLASH 64LQFP
Package	64-LQFP
Data sheet	SPC560P34Lx, 40Lx Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SPC560P40L1CEFBY - STMicroelectronics.New Original in Stock. Download Linear Technology SPC560P40L1CEFBY datasheet/specifications on AllelcoElec.com.
Request a quote for SPC560P40L1CEFBY, please send us email: info@allelco.com

Specifications

SPC560P40L1CEFBY Tech Specifications
SPC560P40L1CEFBY - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	37
Speed	64MHz	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, SPC56	EEPROM Size	-
RAM Size	20K x 8	Data Converters	A/D 16x10b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	256KB (256K x 8)	Core Processor	e200z0h
Peripherals	DMA, POR, PWM, WDT	Connectivity	CANbus, LINbus, SPI, UART/USART
Package / Case	64-LQFP	Base Product Number	SPC560
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SPC560P40L1CEFBY

Product Attribute				
Part Number	SPC560P40L1CEFBY	SPC560P34L1CEFAY	SPC560P40L3CEFAR	SPC560P40L1CEFAY
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	Automotive, AEC-Q100, SPC56	Automotive, AEC-Q100, SPC56	Automotive, AEC-Q100, SPC56	Automotive, AEC-Q100, SPC56
Connectivity	CANbus, LINbus, SPI, UART/USART	CANbus, LINbus, SPI, UART/USART	CANbus, LINbus, SPI, UART/USART	CANbus, LINbus, SPI, UART/USART
Number of I/O	37	37	64	37
EEPROM Size	-	-	-	-
Peripherals	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT
Package	Tray	Tray	Tape & Reel (TR)	Tray
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Program Memory Size	256KB (256K x 8)	192KB (192K x 8)	256KB (256K x 8)	256KB (256K x 8)
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Speed	64MHz	64MHz	64MHz	64MHz
Data Converters	A/D 16x10b	A/D 16x10b	A/D 16x10b	A/D 16x10b
Base Product Number	SPC560	SPC560	SPC560	SPC560
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
RAM Size	20K x 8	12K x 8	20K x 8	20K x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	e200z0h	e200z0h	e200z0h	e200z0h
Oscillator Type	Internal	Internal	Internal	Internal
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Supplier Device Package	64-LQFP (10x10)	64-LQFP (10x10)	100-LQFP (14x14)	64-LQFP (10x10)
Package / Case	64-LQFP	64-LQFP	100-LQFP	64-LQFP

SPC560P40L1CEFBY Datasheet PDF

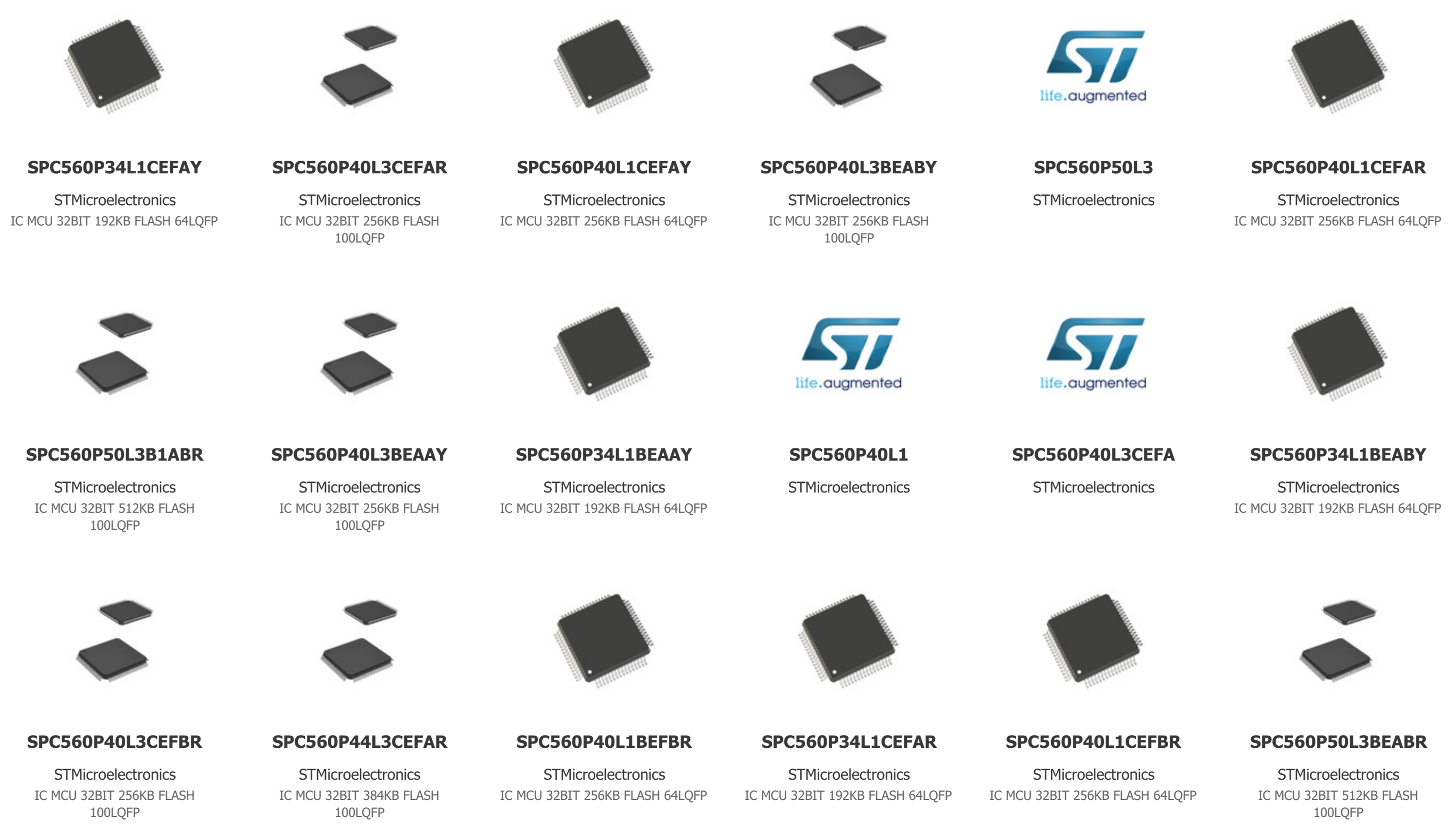
Download SPC560P40L1CEFBY pdf datasheets and STMicroelectronics documentation for SPC560P40L1CEFBY - STMicroelectronics.

HTML Datasheet

SPC560P34Lx, 40Lx Datasheet.pdf

Customers Also Interested in

Recommended Products



Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

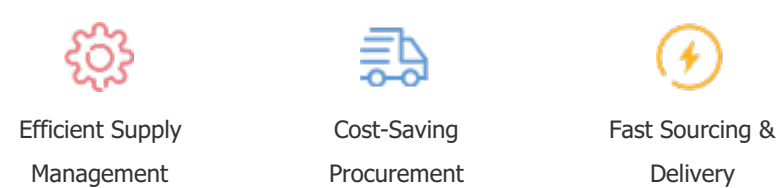
Payment Support

The payment method can be chosen from the methods shown below:

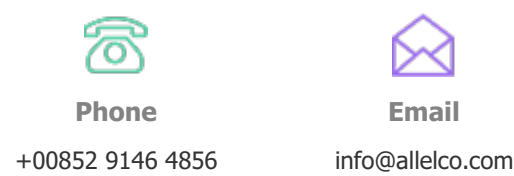
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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