



Image may be representation.
See specifications for product details.



SPC560B64L5C6E0Y

Manufacturer Part Number	SPC560B64L5C6E0Y
Manufacturer	STMicroelectronics
Allelco Part Number	32D-SPC560B64L5C6E0Y
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 1.5MB FLASH 144LQFP
Package	144-LQFP
Data sheet	SPC560B54x, 60x, 64x.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SPC560B64L5C6E0Y - STMicroelectronics.New Original in Stock. Download Linear Technology SPC560B64L5C6E0Y datasheet/specifications on AllelcoElec.com.
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Specifications

SPC560B64L5C6E0Y Tech Specifications
SPC560B64L5C6E0Y - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	144-LQFP (20x20)	Number of I/O	121
Speed	64MHz	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, SPC56	EEPROM Size	-
RAM Size	96K x 8	Data Converters	A/D 53x10/12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	1.5MB (1.5M x 8)	Core Processor	e200z0h
Peripherals	DMA, LVD, POR, PWM, WDT	Connectivity	CANbus, I ² C, LINbus, SCI, SPI, UART/USART
Package / Case	144-LQFP	Base Product Number	SPC560
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SPC560B64L5C6E0Y

Product Attribute				
Part Number	SPC560B64L5C6E0Y	SPC560C50L3C6E0X	SPC560B60L7B6E0X	SPC560B60L5B6E0Y
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Number of I/O	121	79	149	121
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	-	-	-	-
Package / Case	144-LQFP	100-LQFP	176-LQFP	144-LQFP
Peripherals	DMA, LVD, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, LVD, POR, PWM, WDT	DMA, LVD, POR, PWM, WDT
Data Converters	A/D 53x10/12b	A/D 28x10b	A/D 53x10/12b	A/D 53x10/12b
Connectivity	CANbus, I ² C, LINbus, SCI, SPI, UART/USART	CANbus, I ² C, LINbus, SCI, SPI	CANbus, I ² C, LINbus, SCI, SPI, UART/USART	CANbus, I ² C, LINbus, SCI, SPI, UART/USART
Program Memory Size	1.5MB (1.5M x 8)	512KB (512K x 8)	1MB (1M x 8)	1MB (1M x 8)
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tray
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Supplier Device Package	144-LQFP (20x20)	100-LQFP (14x14)	176-LQFP (24x24)	144-LQFP (20x20)
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Series	Automotive, AEC-Q100, SPC56	Automotive, AEC-Q100, SPC56	Automotive, AEC-Q100, SPC56	Automotive, AEC-Q100, SPC56
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Speed	64MHz	64MHz	64MHz	64MHz
RAM Size	96K x 8	48K x 8	80K x 8	80K x 8
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	SPC560	SPC560	SPC560	SPC560
Core Processor	e200z0h	e200z0h	e200z0h	e200z0h

SPC560B64L5C6E0Y Datasheet PDF

Download SPC560B64L5C6E0Y pdf datasheets and STMicroelectronics documentation for SPC560B64L5C6E0Y - STMicroelectronics.

PCN Design/Specification

2D Marking 28/Sep/2018.pdf

Datasheet Chg 25/Feb/2016.pdf





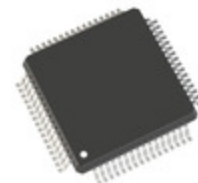













PCN Assembly/Origin

2.73KHz.pdf

 SPC560B54x, 60x, 64x.pdf

Customers Also Interested in

Recommended Products

					
SPC560C50L3C6E0X STMicroelectronics IC MCU 32BIT 512KB FLASH 100LQFP	SPC560B60L7B6E0X STMicroelectronics IC MCU 32BIT 1MB FLASH 176LQFP	SPC560B60L5B6E0Y STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP	SPC560C50L3B4E0X STMicroelectronics IC MCU 32BIT 512KB FLASH 100LQFP	SPC560D40L1B3E0X STMicroelectronics IC MCU 32BIT 256KB FLASH 64LQFP	SPC560B64L7C6E0X STMicroelectronics
					
SPC560B54L5B6E0Y STMicroelectronics IC MCU 32BIT 768KB FLASH 144LQFP	SPC560B64L3B6E0X STMicroelectronics IC MCU 32BIT 1.5MB FLASH 100LQFP	SPC560B64L7C6E0X STMicroelectronics IC MCU 32BIT 1.5MB FLASH 176LQFP	SPC560B64L5C6E0X STMicroelectronics IC MCU 32BIT 1.5MB FLASH 144LQFP	SPC560B60L7 STMicroelectronics	SPC560B64L7B6E0X STMicroelectronics IC MCU 32BIT 1.5MB FLASH 176LQFP
					
SPC560B60L3C6E0X STMicroelectronics IC MCU 32BIT 1MB FLASH 100LQFP	SPC560B60L5B6E0X STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP	SPC560B60L7C6E0X STMicroelectronics IC MCU 32BIT 1MB FLASH 176LQFP	SPC560D30L1B4E0X STMicroelectronics IC MCU 32BIT 128KB FLASH 64LQFP	SPC560B60L5C6E0X STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP	SPC560C50L1B4E0X STMicroelectronics IC MCU 32BIT 512KB FLASH 64LQFP

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.



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Certifications & Memberships



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