



Image may be representation.
See specifications for product details.



SPC56AP54L3BEFBR

Manufacturer Part Number	SPC56AP54L3BEFBR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-SPC56AP54L3BEFBR
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 768KB FLASH 100LQFP
Package	100-LQFP
Data sheet	SPC56(0,A)P54x,60x Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SPC56AP54L3BEFBR - STMicroelectronics.New Original in Stock. Download Linear Technology SPC56AP54L3BEFBR datasheet/specifications on AllelcoElec.com.
Request a quote for SPC56AP54L3BEFBR, please send us email: info@allelco.com

Specifications

SPC56AP54L3BEFBR Tech Specifications
SPC56AP54L3BEFBR - 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 ~ 105°C (TA)
Supplier Device Package	100-LQFP (14x14)	Number of I/O	49
Speed	64MHz	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, SPC56	EEPROM Size	64K x 8
RAM Size	64K x 8	Data Converters	A/D 16x10b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	768KB (768K x 8)	Core Processor	e200z0h
Peripherals	DMA, POR, PWM, WDT	Connectivity	CANbus, LINbus, SPI, UART/USART
Package / Case	100-LQFP	Base Product Number	SPC56
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SPC56AP54L3BEFBR

Product Attribute				
Part Number	SPC56AP54L3BEFBR	SPC56AP60L3BEFBR	SPC5674KFF0VMS2	SPC5675KFAVMM2R
Manufacturer	STMicroelectronics	STMicroelectronics	NXP USA Inc.	NXP USA Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Dual-Core	32-Bit Dual-Core
EEPROM Size	64K x 8	64K x 8	64K x 8	64K x 8
Program Memory Size	768KB (768K x 8)	1MB (1M x 8)	1.5MB (1.5M x 8)	2MB (2M x 8)
Number of I/O	49	49	-	-
RAM Size	64K x 8	80K x 8	384K x 8	512K x 8
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	1.14V ~ 5.5V	1.14V ~ 5.5V
Package / Case	100-LQFP	100-LQFP	473-LFBGA	257-LFBGA
Connectivity	CANbus, LINbus, SPI, UART/USART	CANbus, LINbus, SPI, UART/USART	CANbus, EBI/EMI, Ethernet, FlexRay, I ² C, LINbus, SPI	CANbus, EBI/EMI, Ethernet, FlexRay, I ² C, LINbus, SPI
Data Converters	A/D 16x10b	A/D 16x10b	A/D 34x12b	A/D 22x12b
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Speed	64MHz	64MHz	180MHz	180MHz
Supplier Device Package	100-LQFP (14x14)	100-LQFP (14x14)	473-MAPBGA (19x19)	257-LFBGA (14x14)
Oscillator Type	Internal	Internal	Internal	Internal
Series	Automotive, AEC-Q100, SPC56	Automotive, AEC-Q100, SPC56	MPC56xx Qorivva	MPC56xx Qorivva
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tray	Tape & Reel (TR)
Base Product Number	SPC56	SPC56	SPC5674	SPC5675
Peripherals	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT
Core Processor	e200z0h	e200z0h	e200z7d	e200z7d

SPC56AP54L3BEFBR Datasheet PDF

Download SPC56AP54L3BEFBR pdf datasheets and STMicroelectronics documentation for SPC56AP54L3BEFBR - STMicroelectronics.

PCN Design/Specification

2D Marking 28/Sep/2018.pdf

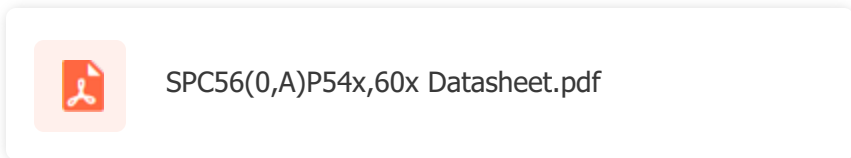
Lead Locking Tape 05/Feb/2020.pdf

PCN Packaging

Material Barrier Bag 17/Dec/2020.pdf



HTML Datasheet



Customers Also Interested in

Recommended Products

SPC56A54L3 NA	SPC56AP60L3BEFBR STMicroelectronics IC MCU 32BIT 1MB FLASH 100LQFP	SPC5674KFF0VMS2 NXP USA Inc. IC MCU 32B 1.5MB FLASH 473MAPBGA	SPC5675KFAVMM2R NXP USA Inc. IC MCU 32BIT 2MB FLASH 257MAPBGA	SPC5675KFMMM Freescale / NXP Semiconductors	SPC5675KFF0VMS2 NXP USA Inc. IC MCU 32BIT 2MB FLASH 473MAPBGA
SPC56AP60L5CEFAY STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP	SPC56AP60L5BEFAR STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP	SPC56EL70L5CBOSR STMicroelectronics IC MCU 32BIT 2MB FLASH 144LQFP	SPC5675KFAVMS2R NXP USA Inc. IC MCU 32BIT 2MB FLASH 473MAPBGA	SPC5675KFF0MMS2R NXP USA Inc. IC MCU 32BIT 2MB FLASH 473MAPBGA	SPC5675KFMMM2 Freescale / NXP Semiconductors
SPC56EL60L5CBOSR STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP	SPC56EL60L5CBFQR STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP	SPC56EL60L3CBFSR STMicroelectronics IC MCU 32BIT 1MB FLASH 100LQFP	SPC56EC64B3C9EEY STMicroelectronics IC MCU 32BIT 1.5MB FLASH 256LBGA	SPC56EL60L3CBFSY STMicroelectronics IC MCU 32BIT 1MB FLASH 100LQFP	SPC5675KFF0MMM2 NXP USA Inc. IC MCU 32BIT 2MB FLASH 257MAPBGA

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 -

Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



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