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See specifications for product details.



SPC5606EEF2VMCR

Manufacturer Part Number	SPC5606EEF2VMCR
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-SPC5606EEF2VMCR
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32B 512KB FLASH 121MAPBGA
Package	121-LFBGA
Data sheet	SPC5606EEF2VMCR.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SPC5606EEF2VMCR - NXP USA Inc..New Original in Stock. Download Linear Technology SPC5606EEF2VMCR datasheet/specifications on AllelcoElec.com.
Request a quote for SPC5606EEF2VMCR, please send us email: info@allelco.com

Specifications

SPC5606EEF2VMCR Tech Specifications
SPC5606EEF2VMCR - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	121-MAPBGA (8x8)	Number of I/O	39
Speed	64MHz	Mounting Type	Surface Mount
Series	MPC56xx Qorivva	EEPROM Size	64K x 8
RAM Size	96K x 8	Data Converters	A/D 4x10b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	512KB (512K x 8)	Core Processor	e200z0h
Peripherals	DMA, POR, WDT	Connectivity	CANbus, Ethernet, I ² C, LINbus, SCI, SPI
Package / Case	121-LFBGA	Base Product Number	SPC5606
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. SPC5606EEF2VMCR

Product Attribute				
Part Number	SPC5606EEF2VMCR	SPC5606SF2VLQ6	SPC5606BK0VLQ6	SPC5606BK0VLQ6
Manufacturer	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.
Package / Case	121-LFBGA	144-LQFP	144-LQFP	144-LQFP
Core Processor	e200z0h	e200z0h	e200z0h	e200z0h
Data Converters	A/D 4x10b	A/D 16x10b	A/D 15x10b, 5x12b	A/D 15x10b, 5x12b
Program Memory Size	512KB (512K x 8)	1MB (1M x 8)	1MB (1M x 8)	1MB (1M x 8)
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
RAM Size	96K x 8	48K x 8	80K x 8	80K x 8
EEPROM Size	64K x 8	64K x 8	64K x 8	64K x 8
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	MPC56xx Qorivva	MPC56xx Qorivva	MPC56xx Qorivva	MPC56xx Qorivva
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Supplier Device Package	121-MAPBGA (8x8)	144-LQFP (20x20)	144-LQFP (20x20)	144-LQFP (20x20)
Base Product Number	SPC5606	SPC5606	SPC5606	SPC5606
Package	Tape & Reel (TR)	Tray	Bulk	Tray
Peripherals	DMA, POR, WDT	DMA, LCD, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT
Number of I/O	39	108	121	121
Connectivity	CANbus, Ethernet, I ² C, LINbus, SCI, SPI	CANbus, I ² C, LINbus, QSPI, SCI, SPI	CANbus, I ² C, LINbus, SCI, SPI	CANbus, I ² C, LINbus, SCI, SPI
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	64MHz	64MHz	64MHz	64MHz
Oscillator Type	Internal	Internal	Internal	Internal

SPC5606EEF2VMCR Datasheet PDF

Download SPC5606EEF2VMCR pdf datasheets and NXP USA Inc. documentation for SPC5606EEF2VMCR - NXP USA Inc..

PCN Packaging

All Dev Label Update 15/Dec/2020.pdf

Mult Dev Pkg Seal 15/Dec/2020.pdf

Environmental Information



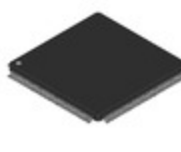















NXP USA Inc REACH.pdf

NXP USA Inc RoHS Cert.pdf

 Mult Dev Test Site 25/Mar/2021.pdf

Customers Also Interested in

Recommended Products

					
SPC5606BVLL6 Freescale / NXP Semiconductors	SPC5606SF2VLQ6 NXP USA Inc. IC MCU 32BIT 1MB FLASH 144LQFP	SPC5606BK0VLQ6 Freescale Semiconductor IC MCU 32BIT 1MB FLASH 144LQFP	SPC5606BK0VLQ6 NXP USA Inc. IC MCU 32BIT 1MB FLASH 144LQFP	SPC5607BAVLQ6 Analog Devices Inc. MPC5607B - BOLERO 1.5M-NXP 32-bit	SPC5606SF2VLQ6R NXP USA Inc. IC MCU 32BIT 1MB FLASH 144LQFP
					
SPC5606EEF2VMC NXP USA Inc. IC MCU 32B 512KB FLASH 121MAPBGA	SPC5606BMLL6 Freescale / NXP Semiconductors	SPC5606BK0MLU6R NXP USA Inc. IC MCU 32BIT 1MB FLASH 176LQFP	SPC5606BK0VLU6 NXP USA Inc. IC MCU 32BIT 1MB FLASH 176LQFP	SPC5606BK0VLL6 NXP USA Inc. IC MCU 32BIT 1MB FLASH 100LQFP	SPC5606SF2VLU6 NXP USA Inc. IC MCU 32BIT 1MB FLASH 176LQFP
					
SPC5606BVLQ6 Freescale / NXP Semiconductors	SPC5606SF2VLU6 Freescale Semiconductor IC MCU 32BIT 1MB FLASH 176LQFP	SPC5606SF2VLU6R NXP USA Inc. IC MCU 32BIT 1MB FLASH 176LQFP	SPC5606BK0VLU6R NXP USA Inc. IC MCU 32BIT 1MB FLASH 176LQFP	SPC5606SF2VLQ6 Freescale Semiconductor IC MCU 32BIT 1MB FLASH 144LQFP	SPC5607BAVLQ6 NXP USA Inc. IC MCU 32BIT 1.5MB FLASH 144LQFP

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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