

Image may be representation.
See specifications for product details.



SPC5674KFF0MMS2

Manufacturer Part Number	SPC5674KFF0MMS2
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-SPC5674KFF0MMS2
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32B 1.5MB FLASH 473MAPBGA
Package	473-LFBGA
Data sheet	MPC5675K Fact Sheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SPC5674KFF0MMS2 - NXP USA Inc..New Original in Stock. Download Linear Technology SPC5674KFF0MMS2 datasheet/specifications on AllelcoElec.com.
Request a quote for SPC5674KFF0MMS2, please send us email: info@allelco.com

Specifications

SPC5674KFF0MMS2 Tech Specifications
SPC5674KFF0MMS2 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Package	Tray
Voltage - Supply (Vcc/Vdd)	1.14V ~ 5.5V	Oscillator Type	Internal
Supplier Device Package	473-MAPBGA (19x19)	Operating Temperature	-40°C ~ 125°C (TA)
Speed	180MHz	Mounting Type	Surface Mount
Series	MPC56xx Qorivva	EEPROM Size	64K x 8
RAM Size	384K x 8	Data Converters	A/D 34x12b
Program Memory Type	FLASH	Core Size	32-Bit Dual-Core
Program Memory Size	1.5MB (1.5M x 8)	Core Processor	e200z7d
Peripherals	DMA, POR, PWM, WDT	Connectivity	CANbus, EBI/EMI, Ethernet, FlexRay, I ² C, LINbus, SPI
Package / Case	473-LFBGA	Base Product Number	SPC5674

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. SPC5674KFF0MMS2

Product Attribute				
Part Number	SPC5674KFF0MMS2	SPC5675KFF0MMM2	SPC5674FF3MVR3R	SPC5674FK0MVY3
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Core Size	32-Bit Dual-Core	32-Bit Dual-Core	32-Bit Single-Core	32-Bit Single-Core
Voltage - Supply (Vcc/Vdd)	1.14V ~ 5.5V	1.14V ~ 5.5V	1.08V ~ 5.25V	1.08V ~ 5.25V
EEPROM Size	64K x 8	64K x 8	-	-
Series	MPC56xx Qorivva	MPC56xx Qorivva	MPC56xx Qorivva	MPC56xx Qorivva
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Oscillator Type	Internal	Internal	External	External
RAM Size	384K x 8	512K x 8	256K x 8	256K x 8
Peripherals	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM	DMA, POR, PWM
Data Converters	A/D 34x12b	A/D 22x12b	A/D 64x12b	A/D 64x12b
Core Processor	e200z7d	e200z7d	e200z7	e200z7
Package / Case	473-LFBGA	257-LFBGA	416-BBGA	516-BBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	473-MAPBGA (19x19)	257-LFBGA (14x14)	416-PBGA (27x27)	516-PBGA (27x27)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	SPC5674	SPC5675	SPC5674	SPC5674
Program Memory Size	1.5MB (1.5M x 8)	2MB (2M x 8)	4MB (4M x 8)	4MB (4M x 8)
Speed	180MHz	180MHz	264MHz	264MHz
Package	Tray	Tray	Tape & Reel (TR)	Tray
Connectivity	CANbus, EBI/EMI, Ethernet, FlexRay, I ² C, LINbus, SPI	CANbus, EBI/EMI, Ethernet, FlexRay, I ² C, LINbus, SPI	CANbus, SCI, SPI	CANbus, EBI/EMI, SCI, SPI

SPC5674KFF0MMS2 Datasheet PDF

Download SPC5674KFF0MMS2 pdf datasheets and NXP USA Inc. documentation for SPC5674KFF0MMS2 - NXP USA Inc..

Datasheets

[MPC5675K Fact Sheet.pdf](#)

PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

[Mult Dev Pkg Seal 15/Dec/2020.pdf](#)

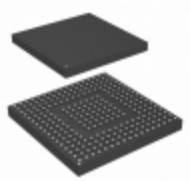
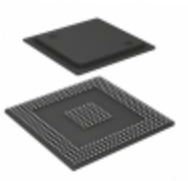

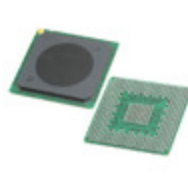


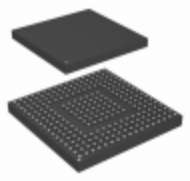
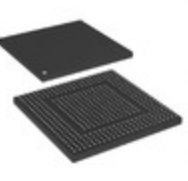

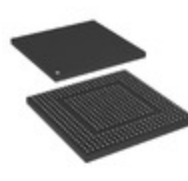
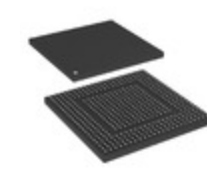
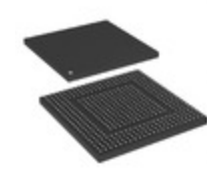

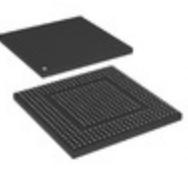
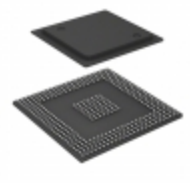
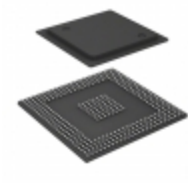
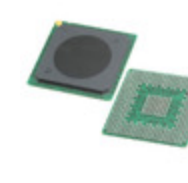
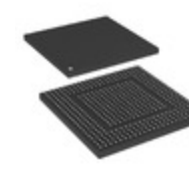
Environmental Information

PCN Design/Specification

Mult Dev DS Chg 11/Feb/2022.pdf

Customers Also Interested in

Recommended Products

					
SPC5675KFF0MMM2 NXP USA Inc. IC MCU 32BIT 2MB FLASH 257MAPBGA	SPC5674FF3MVR3R NXP USA Inc. IC MCU 32BIT 4MB FLASH 416PBGA	SPC5674FK0MVR3R Freescale / NXP Semiconductors	SPC5674FK0MVY3 NXP USA Inc. IC MCU 32BIT 4MB FLASH 516FPBGA	SPC5674FAMVR3R Freescale Semiconductor IC MCU 32BIT 4MB FLASH 416PBGA	SPC5674FMVR3 Freescale / NXP Semiconductors
					
SPC5675KFAVMM2R NXP USA Inc. IC MCU 32BIT 2MB FLASH 257MAPBGA	SPC5674KF0VMS2 NXP USA Inc. IC MCU 32B 1.5MB FLASH 473MAPBGA	SPC5675KFMMM Freescale / NXP Semiconductors	SPC5675KFF0VMS2 NXP USA Inc. IC MCU 32BIT 2MB FLASH 473MAPBGA	SPC5674KAVMS2R NXP USA Inc. IC MCU 32B 1.5MB FLASH 473MAPBGA	SPC5674KFF0VMS2 NXP USA Inc. IC MCU 32B 1.5MB FLASH 473MAPBGA
					
SPC5675KFMMM2 Freescale / NXP Semiconductors	SPC5675KFAVMS2R NXP USA Inc. IC MCU 32BIT 2MB FLASH 473MAPBGA	SPC5674FK0MVR3 NXP USA Inc. IC MCU 32BIT 4MB FLASH 416PBGA	SPC5674FF3MVR3 NXP USA Inc. IC MCU 32BIT 4MB FLASH 416PBGA	SPC5674FF3MVV3 NXP USA Inc. IC MCU 32BIT 4MB FLASH 516FPBGA	SPC5675KFF0MMS2R NXP USA Inc. IC MCU 32BIT 2MB FLASH 473MAPBGA

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

Contact us if you have any questions.

	
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Certifications & Memberships



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