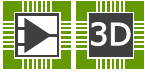





SPC5604BF2MLL6

Manufacturer Part Number	SPC5604BF2MLL6
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-SPC5604BF2MLL6
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 512KB FLASH 100LQFP
Package	100-LQFP
Data sheet	Cylindrical Battery Holders.pdf MPC5604B/C.pdf
RoHS Status	 ROHS3 Compliant



Get a Quote

SPC5604BF2MLL6 - NXP USA Inc..New Original in Stock. Download Linear Technology SPC5604BF2MLL6 datasheet/specifications on AllelcoElec.com.
Request a quote for SPC5604BF2MLL6, please send us email: info@allelco.com

Specifications





SPC5604BF2MLL6 Tech Specifications

SPC5604BF2MLL6 - 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 ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	100-LQFP (14x14)	Number of I/O	79
Speed	64MHz	Mounting Type	Surface Mount
Series	MPC56xx Qorivva	EEPROM Size	64K x 8
RAM Size	32K x 8	Data Converters	A/D 28x10b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	512KB (512K x 8)	Core Processor	e200z0h
Peripherals	DMA, POR, PWM, WDT	Connectivity	CANbus, I ² C, LINbus, SCI, SPI
Package / Case	100-LQFP	Base Product Number	SPC5604
Package	Tray		

Parts with Similar Specifications


The three parts on the right have similar specifications to NXP USA Inc. SPC5604BF2MLL6

Product Attribute	 NO PICTURE			
Part Number	SPC5604BF2MLL6	SPC5604BF2VLL6R	SPC5603PEF1MLL6	SPC5603CK0CLL6
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
EEPROM Size	64K x 8	64K x 8	64K x 8	64K x 8
Package / Case	100-LQFP	100-LQFP	100-LQFP	100-LQFP
Program Memory Size	512KB (512K x 8)	512KB (512K x 8)	384KB (384K x 8)	384KB (384K x 8)
Peripherals	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT
Speed	64MHz	64MHz	64MHz	64MHz
Connectivity	CANbus, I ² C, LINbus, SCI, SPI	CANbus, I ² C, LINbus, SCI, SPI	CANbus, FlexRay, LINbus, SPI, UART/USART	CANbus, I ² C, LINbus, SCI, SPI
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Oscillator Type	Internal	Internal	Internal	Internal
Data Converters	A/D 28x10b	A/D 28x10b	A/D 30x10b	A/D 28x10b
RAM Size	32K x 8	32K x 8	36K x 8	40K x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Base Product Number	SPC5604	SPC5604	SPC5603	SPC5603
Series	MPC56xx Qorivva	MPC56xx Qorivva	MPC56xx Qorivva	MPC56xx Qorivva
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Number of I/O	79	79	68	79
Package	Tray	Tape & Reel (TR)	Tray	Tray
Core Processor	e200z0h	e200z0h	e200z0h	e200z0h
Supplier Device Package	100-LQFP (14x14)	100-LQFP (14x14)	100-LQFP (14x14)	100-LQFP (14x14)


SPC5604BF2MLL6 Datasheet PDF


Download SPC5604BF2MLL6 pdf datasheets and NXP USA Inc. documentation for SPC5604BF2MLL6 - NXP USA Inc..

Datasheets



Cylindrical Battery Holders.pdf


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

PCN Design/Specification

 Mult Dev DS Chg 11/Feb/2022.pdf

HTML Datasheet


 MPC5604B/C.pdf

PCN Assembly/Origin

 2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
SPC5603BMLH6	SPC5604BF2VLL6R	SPC5603PEF1MLL6	SPC5603CK0CLL6	SPC5603PF1VLL6	SPC5604BF2VLH4
Freescale / NXP Semiconductors	NXP USA Inc. IC MCU 32BIT 512KB FLASH 100LQFP	NXP USA Inc. IC MCU 32BIT 384KB FLASH 100LQFP	NXP USA Inc. IC MCU 32BIT 384KB FLASH 100LQFP	NXP USA Inc. IC MCU 32BIT 384KB FLASH 100LQFP	NXP USA Inc. IC MCU 32BIT 512KB FLASH 64LQFP
					
SPC5604BK0CLQ6	SPC5604BK0CLQ6R	SPC5603PEF1MLL6	SPC5603EEVLH	SPC5603BVLH4	SPC5604BF2VLH6R
NXP USA Inc. IC MCU 32BIT 512KB FLASH 144LQFP	NXP USA Inc. IC MCU 32BIT 512KB FLASH 144LQFP	Analog Devices Inc. MPC5603P - PICTUS 512K-NXP 32-bit	Freescale / NXP Semiconductors	Freescale / NXP Semiconductors	NXP USA Inc. IC MCU 32BIT 512KB FLASH 64LQFP
					
SPC5604BK0MLL6	SPC5604BK0MLL6R	SPC5604BK0CLL6	SPC5604BF2MLQ6	SPC5604BF2MLL6	SPC5603CK0CLL6
NXP USA Inc. IC MCU 32BIT 512KB FLASH 100LQFP	NXP USA Inc. IC MCU 32BIT 512KB FLASH 100LQFP	NXP USA Inc. IC MCU 32BIT 512KB FLASH 100LQFP	NXP USA Inc. IC MCU 32BIT 512KB FLASH 144LQFP	Analog Devices Inc. MPC5604B - BOLERO 512K-NXP 32-bit	Freescale Semiconductor IC MCU 32BIT 384KB FLASH 100LQFP

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.

 Phone
+00852 9146 4856

 Email
info@allelco.com

Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Alleco.com