

Image may be representation.
See specifications for product details.



SPC5744PGK1AMMM9

Manufacturer Part Number	SPC5744PGK1AMMM9
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-SPC5744PGK1AMMM9
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32B 2.5MB FLASH 257MAPBGA
Package	257-LFBGA
Data sheet	MPC5744P Reference Manual.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SPC5744PGK1AMMM9 - NXP USA Inc..New Original in Stock. Download Linear Technology SPC5744PGK1AMMM9 datasheet/specifications on AllelcoElec.com.
Request a quote for SPC5744PGK1AMMM9, please send us email: info@allelco.com

Specifications

SPC5744PGK1AMMM9 Tech Specifications
SPC5744PGK1AMMM9 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Package	Tray
Voltage - Supply (Vcc/Vdd)	3.15V ~ 5.5V	Oscillator Type	Internal
Supplier Device Package	257-LFBGA (14x14)	Operating Temperature	-40°C ~ 125°C (TA)
Speed	200MHz	Mounting Type	Surface Mount
Series	MPC57xx	EEPROM Size	-
RAM Size	384K x 8	Data Converters	A/D 64x12b
Program Memory Type	FLASH	Core Size	32-Bit Dual-Core
Program Memory Size	2.5MB (2.5M x 8)	Core Processor	e200z4
Peripherals	DMA, LVD, POR, WDT	Connectivity	CANbus, Ethernet, FlexRay, LINbus, SPI, UART/USART
Package / Case	257-LFBGA	Base Product Number	SPC5744

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. SPC5744PGK1AMMM9

Product Attribute				
Part Number	SPC5744PGK1AMMM9	SPC5744PK1AMLQ5		SPC5746BSK1AMMH6
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Tray	Tray	Tray	Tray
Oscillator Type	Internal	Internal	Internal	Internal
Speed	200MHz	150MHz	160MHz	200MHz
Peripherals	DMA, LVD, POR, WDT	DMA, LVD, POR, WDT	DMA, I ² S, POR, WDT	DMA, LVD, POR, Zipwire
Connectivity	CANbus, Ethernet, FlexRay, LINbus, SPI, UART/USART	CANbus, Ethernet, FlexRay, LINbus, SPI, UART/USART	CANbus, Ethernet, FlexRay, I ² C, LINbus, SPI	CANbus, Ethernet, I ² C, LINbus, SCI, SPI, UART/USART
Core Size	32-Bit Dual-Core	32-Bit Dual-Core	32-Bit Single-Core	32-Bit Dual-Core
Data Converters	A/D 64x12b	A/D 64x12b	A/D 36x10b, 16x12b	A/D 12b SAR, 16b Sigma-Delta
Core Processor	e200z4	e200z4	e200z4	e200z4
Supplier Device Package	257-LFBGA (14x14)	144-LQFP (20x20)	100-MAPBGA (11x11)	176-LQFP (24x24)
Voltage - Supply (Vcc/Vdd)	3.15V ~ 5.5V	3.15V ~ 5.5V	3.15V ~ 5.5V	3.5V ~ 5.5V
Series	MPC57xx	MPC57xx	MPC57xx	Automotive, AEC-Q100 MPC57xx
EEPROM Size	-	-	64K x 8	-
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Program Memory Size	2.5MB (2.5M x 8)	2.5MB (2.5M x 8)	3MB (3M x 8)	2MB (2M x 8)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	SPC5744	SPC5744	SPC5746	SPC5743
RAM Size	384K x 8	384K x 8	384K x 8	128K x 8
Package / Case	257-LFBGA	144-LQFP	100-LFBGA	176-LQFP

SPC5744PGK1AMMM9 Datasheet PDF

Download SPC5744PGK1AMMM9 pdf datasheets and NXP USA Inc. documentation for SPC5744PGK1AMMM9 - NXP USA Inc..

Datasheets

[MPC5744P Reference Manual.pdf](#)

PCN Packaging

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

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

Environmental Information

[MPC5744P Reference Manual.pdf](#)

[MPC5744P Reference Manual.pdf](#)

PCN Assembly/Origin

2.73KHz.pdf











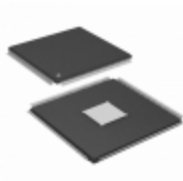
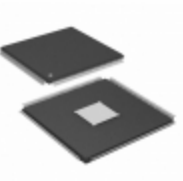

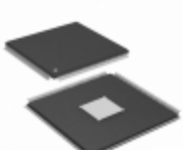


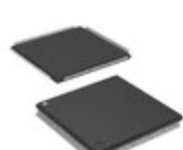
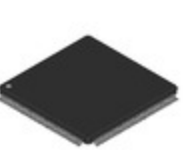
PCN Design/Specification

MPC5744P 01/Jul/2016.pdf

SPC5744P Datasheet Chg 13/Apr/2018.pdf

Customers Also Interested in

Recommended Products

					
SPC5744PK1AMLQ5 NXP USA Inc. IC MCU 32BIT 2.5MB FLASH 144LQFP	SPC5744BCMH2 Freescale / NXP Semiconductors	SPC5746BSK1AMMH6 NXP USA Inc. IC MCU 32BIT 3MB FLASH 100MAPBGA	SPC5743RK1MLU5 NXP USA Inc. IC MCU 32BIT 2MB FLASH 176LQFP	SPC5744PFK1AMLQ9 NXP USA Inc. IC MCU 32BIT 2.5MB FLASH 144LQFP	SPC5744PK1AMLQ5 Freescale Semiconductor IC MCU 32BIT 2.5MB FLASH 144LQFP
					
SPC5745BBK1AVMH6 NXP USA Inc. IC MCU 32BIT 2MB FLASH 100MAPBGA	SPC5745CBK1AMMJ6 NXP USA Inc. IC MCU 32BIT 2MB FLSH 256MAPBGA	SPC5744BK1AVKU2 NXP USA Inc. IC MCU 32BIT 1.5MB FLASH 176LQFP	SPC5746CHK1ACKU6 NXP USA Inc. DUAL CORE, 3M FLASH, 512K RAM	SPC5745BBK1ACKU6 NXP USA Inc. IC MCU 32BIT 2MB FLASH 176LQFP	SPC5746CBK1ACKU6 NXP USA Inc. IC MCU 32BIT 3MB FLASH 176LQFP
					
SPC5743RK1MLQ5 NXP USA Inc. IC MCU 32BIT 2MB FLASH 144LQFP	SPC5744BCK1ACKU2 NXP USA Inc. IC MCU 32BIT 1.5MB FLASH 176LQFP	SPC5744PK1AMMM9R NXP USA Inc. IC MCU 32B 2.5MB FLASH 257MAPBGA	SPC5744PK1AMLQ9 NXP USA Inc. IC MCU 32BIT 2.5MB FLASH 144LQFP	SPC5743PCK1AMLQ9 NXP USA Inc. IC MCU 32BIT 2MB FLASH 144LQFP	SPC5743RK1MLQ5 Freescale Semiconductor IC MCU 32BIT 2MB 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
--	--	---

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@Allelco.com

