



Image may be representation.
See specifications for product details.



SPC5634MF1MLQ80

Manufacturer Part Number	SPC5634MF1MLQ80
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-SPC5634MF1MLQ80
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 32BIT 1.5MB FLASH 144LQFP
Package	144-LQFP
Data sheet	MPC5634M Datasheet.pdf MPC563xM Brief.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SPC5634MF1MLQ80 - NXP USA Inc..New Original in Stock. Download Linear Technology SPC5634MF1MLQ80 datasheet/specifications on AllelcoElec.com.
Request a quote for SPC5634MF1MLQ80, please send us email: info@allelco.com

Specifications

SPC5634MF1MLQ80 Tech Specifications
SPC5634MF1MLQ80 - 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)	4.5V ~ 5.25V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	144-LQFP (20x20)	Number of I/O	80
Speed	80MHz	Mounting Type	Surface Mount
Series	MPC56xx Qorivva	EEPROM Size	-
RAM Size	94K x 8	Data Converters	A/D 32x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	1.5MB (1.5M x 8)	Core Processor	e200z3
Peripherals	DMA, POR, PWM, WDT	Connectivity	CANbus, EBI/EMI, LINbus, SCI, SPI, UART/USART
Package / Case	144-LQFP	Base Product Number	SPC5634
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. SPC5634MF1MLQ80

Product Attribute				
Part Number	SPC5634MF1MLQ80	SPC5634MF1MLQ80	SPC5634MF2MMG80	SPC5633MF2MLQ60
Manufacturer	NXP USA Inc.	Freescalo Semiconductor	NXP USA Inc.	NXP USA Inc.
Number of I/O	80	80	80	80
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	80MHz	80MHz	80MHz	60MHz
Series	MPC56xx Qorivva	MPC56xx Qorivva	MPC56xx Qorivva	MPC56xx Qorivva
Core Processor	e200z3	e200z3	e200z3	e200z3
Connectivity	CANbus, EBI/EMI, LINbus, SCI, SPI, UART/USART	CANbus, EBI/EMI, LINbus, SCI, SPI, UART/USART	CANbus, EBI/EMI, LINbus, SCI, SPI, UART/USART	CANbus, EBI/EMI, LINbus, SCI, SPI, UART/USART
EEPROM Size	-	-	-	-
Package / Case	144-LQFP	144-LQFP	208-BGA	144-LQFP
RAM Size	94K x 8	94K x 8	94K x 8	64K x 8
Data Converters	A/D 32x12b	A/D 32x12b	A/D 34x12b	A/D 32x12b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	144-LQFP (20x20)	144-LQFP (20x20)	208-BGA (17x17)	144-LQFP (20x20)
Voltage - Supply (Vcc/Vdd)	4.5V ~ 5.25V	4.5V ~ 5.25V	4.5V ~ 5.25V	4.5V ~ 5.25V
Program Memory Size	1.5MB (1.5M x 8)	1.5MB (1.5M x 8)	1.5MB (1.5M x 8)	1MB (1M x 8)
Package	Tray	Bulk	Tray	Tray
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Peripherals	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT
Oscillator Type	Internal	Internal	Internal	Internal
Base Product Number	SPC5634	SPC5634	SPC5634	SPC5633
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core

SPC5634MF1MLQ80 Datasheet PDF

Download SPC5634MF1MLQ80 pdf datasheets and NXP USA Inc. documentation for SPC5634MF1MLQ80 - NXP USA Inc..

Datasheets

MPC563xM Brief.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




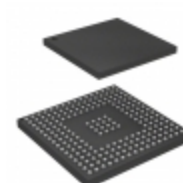














NXP USA Inc RoHS Cert.pdf

HTML Datasheet

MPC5634M Datasheet.pdf

Customers Also Interested in

Recommended Products

					
SPC5634MMMG80 Freescale / NXP Semiconductors	SPC5634MMLQ80 Freescale / NXP Semiconductors	SPC5634MF1MLQ80 Freescale Semiconductor IC MCU 32BIT 1.5MB FLASH 144LQFP	SPC5634MF2MMG80 NXP USA Inc. IC MCU 32B 1.5MB FLASH 208MAPBGA	SPC5633MF2MLQ60 NXP USA Inc. IC MCU 32BIT 1MB FLASH 144LQFP	SPC560P60L3BEABR STMicroelectronics IC MCU 32BIT 1MB FLASH 100LQFP
					
SPC5634MF2MLQ80 NXP USA Inc. IC MCU 32BIT 1.5MB FLASH 144LQFP	SPC5634MF2MLU80 NXP USA Inc. IC MCU 32BIT 1.5MB FLASH 176LQFP	SPC560P50L5BE STMicroelectronics	SPC5634MF2MLQ60 NXP USA Inc. IC MCU 32BIT 1.5MB FLASH 144LQFP	SPC560P50L5CEFAR STMicroelectronics IC MCU 32BIT 512KB FLASH 144LQFP	SPC5633MMLQ60 Freescale / NXP Semiconductors
					
SPC560P60L5CEAAR STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP	SPC563M64L5COAR STMicroelectronics IC MCU 32BIT 1.5MB FLASH 144LQFP	SPC563M60L5 STMicroelectronics	SPC560P60L3 STM1MBFLASH	SPC5633MF1MLQ60R Analog Devices Inc. SPC5633MF1MLQ60 - MONACO 1.5M- 1M	SPC560P50L5CEFAY STMicroelectronics IC MCU 32BIT 512KB 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.



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