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See specifications for product details.



MCF5272VM66R2

Manufacturer Part Number	MCF5272VM66R2
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MCF5272VM66R2
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 16KB ROM 196MAPBGA
Package	196-LBGA
Data sheet	MCF5272 User Manual.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCF5272VM66R2 - NXP USA Inc..New Original in Stock. Download Linear Technology MCF5272VM66R2 datasheet/specifications on AllelcoElec.com.
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Specifications

MCF5272VM66R2 Tech Specifications

MCF5272VM66R2 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	Operating Temperature	0°C ~ 70°C (TA)
Supplier Device Package	196-LBGA (15x15)	Number of I/O	32
Speed	66MHz	Mounting Type	Surface Mount
Series	MCF527x	EEPROM Size	-
RAM Size	1K x 32	Data Converters	-
Program Memory Type	ROM	Core Size	32-Bit Single-Core
Program Memory Size	16KB (4K x 32)	Core Processor	Coldfire V2
Peripherals	DMA, WDT	Connectivity	EBI/EMI, Ethernet, I ² C, SPI, UART/USART, USB
Package / Case	196-LBGA	Base Product Number	MCF5272
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MCF5272VM66R2

Product Attribute				
Part Number	MCF5272VM66R2	MCF5274LVM166J	MCF5275LCVM166	MCF5272VM66
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor
Number of I/O	32	61	61	32
Connectivity	EBI/EMI, Ethernet, I ² C, SPI, UART/USART, USB	EBI/EMI, Ethernet, I ² C, SPI, UART/USART, USB	EBI/EMI, Ethernet, I ² C, SPI, UART/USART, USB	EBI/EMI, Ethernet, I ² C, SPI, UART/USART, USB
Oscillator Type	External	External	External	External
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Core Processor	Coldfire V2	Coldfire V2	Coldfire V2	Coldfire V2
Speed	66MHz	166MHz	166MHz	66MHz
Base Product Number	MCF5272	MCF5274	MCF5275	MCF5272
Data Converters	-	-	-	-
EEPROM Size	-	-	-	-
RAM Size	1K x 32	64K x 8	64K x 8	1K x 32
Program Memory Size	16KB (4K x 32)	-	-	16KB (4K x 32)
Series	MCF527x	MCF527x	MCF527x	MCF527x
Supplier Device Package	196-LBGA (15x15)	196-LBGA (15x15)	196-LBGA (15x15)	196-LBGA (15x15)
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	1.4V ~ 1.6V	1.4V ~ 1.6V	3V ~ 3.6V
Package	Tape & Reel (TR)	Tray	Tray	Bulk
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Package / Case	196-LBGA	196-LBGA	196-LBGA	196-LBGA
Peripherals	DMA, WDT	DMA, WDT	DMA, WDT	DMA, WDT
Program Memory Type	ROM	ROMless	ROMless	ROM
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

MCF5272VM66R2 Datasheet PDF

Download MCF5272VM66R2 pdf datasheets and NXP USA Inc. documentation for MCF5272VM66R2 - NXP USA Inc..

Datasheets

[MCF5272 User Manual.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

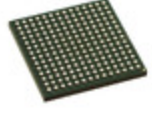
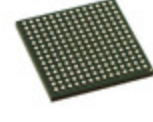



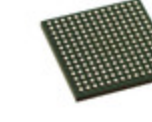
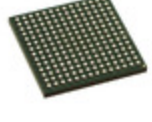

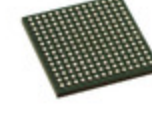
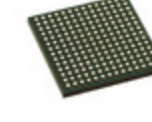
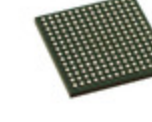

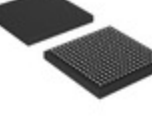

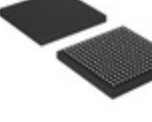

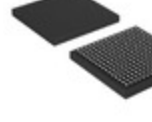
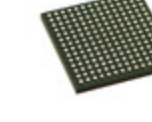
 NXP USA Inc RoHS Cert.pdf

PCN Obsolescence/ EOL

 Mult Dev EOL 26/Sep/2020.pdf

Customers Also Interested in

Recommended Products

					
MCF5274LVM166J	MCF5275LCVM166	MCF5272VM66	MCF5272VM66 K75N	MCF5275CVM166	MCF5272VM66
NXP USA Inc. IC MCU 32BIT ROMLESS 196MAPBGA	NXP USA Inc. IC MCU 32BIT ROMLESS 196MAPBGA	Freescale Semiconductor IC MCU 32BIT 16KB ROM 196MAPBGA	PXN	Freescale Semiconductor IC MCU 32BIT ROMLESS 256MAPBGA	NXP USA Inc. IC MCU 32BIT 16KB ROM 196MAPBGA
					
MCF5272CVM66R2	MCF5274LVF166	MCF5272VF66J	MCF5272VF66	MCF5274LVF166	MCF5272VM66J
NXP USA Inc. IC MCU 32BIT 16KB ROM 196PBGA	Freescale Semiconductor IC MCU 32BIT ROMLESS 196MAPBGA	NXP USA Inc. IC MCU 32BIT 16KB ROM 196MAPBGA	NXP USA Inc. IC MCU 32BIT 16KB ROM 196MAPBGA	NXP USA Inc. IC MCU 32BIT ROMLESS 196MAPBGA	Freescale Semiconductor IC MCU 32BIT 16KB ROM 196MAPBGA
					
MCF5274CVM166	MCF5272VF66J	MCF5275CVM166	MCF5274LVM166J	MCF5274CVM166	MCF5274LVM166
Freescale Semiconductor IC MCU 32BIT ROMLESS 256MAPBGA	Freescale Semiconductor IC MCU 32BIT 16KB ROM 196MAPBGA	NXP USA Inc. IC MCU 32BIT ROMLESS 256MAPBGA	Freescale Semiconductor IC MCU 32BIT ROMLESS 196MAPBGA	NXP USA Inc. IC MCU 32BIT ROMLESS 256MAPBGA	NXP USA Inc. IC MCU 32BIT ROMLESS 196MAPBGA

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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