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See specifications for product details.



MC9328MX21SVM

Manufacturer Part Number **MC9328MX21SVM**

Manufacturer **NXP Semiconductors**

Allelco Part Number 32D-MC9328MX21SVM

ECAD Model Request Free CAD Models

Parts Description **IC MPU I.MX21 266MHZ 289MAPBGA**

Package **289-LFBGA**

Data sheet **MC9328MX21S.pdf**

MC9328MX21S Product Brief.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

MC9328MX21SVM - NXP USA Inc..New Original in Stock. Download Linear Technology MC9328MX21SVM datasheet/specifications on AllelcoElec.com.
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Specifications

MC9328MX21SVM Tech Specifications

MC9328MX21SVM - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Operating Temperature	0°C ~ 70°C (TA)
Voltage - I/O	1.8V, 3.0V	Number of Cores/Bus Width	1 Core, 32-Bit
USB	USB 1.x (2)	Mounting Type	Surface Mount
Supplier Device Package	289-PBGA (17x17)	Graphics Acceleration	No
Speed	266MHz	Ethernet	-
Series	i.MX21	Display & Interface Controllers	Keypad, LCD
Security Features	-	Core Processor	ARM926EJ-S
SATA	-	Co-Processors/DSP	-
RAM Controllers	SDRAM	Base Product Number	MC9328MX21
Package / Case	289-LFBGA	Additional Interfaces	1-Wire, I ² C, I ² S, SPI, SSI, MMC/SD, UART
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9328MX21SVM

Product Attribute				
Part Number	MC9328MX21SVM	MC9328MX21SCVM	MC9328MX21SCVK	MC9328MX21VK
Manufacturer	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.
USB	USB 1.x (2)	USB 1.x (2)	USB 1.x (2)	USB 1.x (2)
Graphics Acceleration	No	No	No	No
Package / Case	289-LFBGA	289-LFBGA	289-LFBGA	289-LFBGA
RAM Controllers	SDRAM	SDRAM	SDRAM	SDRAM
Ethernet	-	-	-	-
Co-Processors/DSP	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Bulk	Tray
Voltage - I/O	1.8V, 3.0V	1.8V, 3.0V	1.8V, 3V	1.8V, 3.0V
Additional Interfaces	1-Wire, I ² C, I ² S, SPI, SSI, MMC/SD, UART	1-Wire, I ² C, I ² S, SPI, SSI, MMC/SD, UART	1-Wire, I ² C, I ² S, SPI, SSI, MMC/SD, UART	1-Wire, I ² C, I ² S, SPI, SSI, MMC/SD, UART
Security Features	-	-	-	-
Base Product Number	MC9328MX21	MC9328MX21	-	MC9328MX21
Display & Interface Controllers	Keypad, LCD	Keypad, LCD	Keypad, LCD	Keypad, LCD
Core Processor	ARM926EJ-S	ARM926EJ-S	ARM926EJ-S	ARM926EJ-S
Supplier Device Package	289-PBGA (17x17)	289-PBGA (17x17)	289-MAPBGA (14x14)	289-LFBGA (14x14)
Series	i.MX21	i.MX21	i.MX21	i.MX21
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Speed	266MHz	266MHz	266MHz	266MHz
SATA	-	-	-	-
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit

MC9328MX21SVM Datasheet PDF

Download MC9328MX21SVM pdf datasheets and NXP USA Inc. documentation for MC9328MX21SVM - NXP USA Inc..

Datasheets

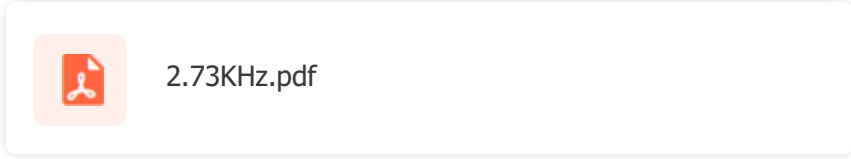
[MC9328MX21S Product Brief.pdf](#)

Environmental Information

[NXP USA Inc REACH.pdf](#)

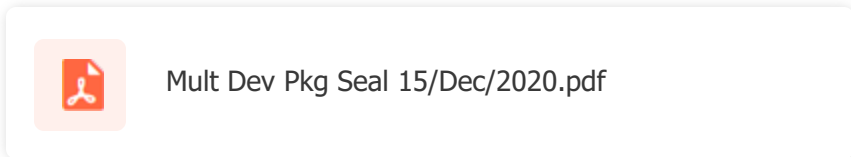
[NXP USA Inc RoHS Cert.pdf](#)

PCN Assembly/Origin

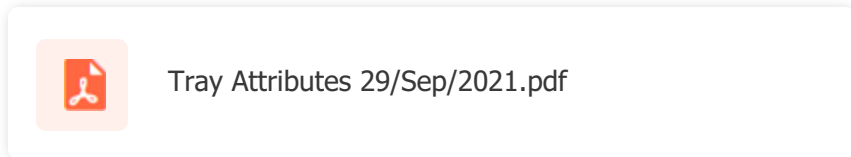


2.73KHz.pdf

PCN Packaging

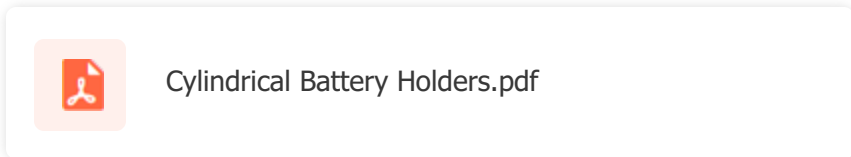


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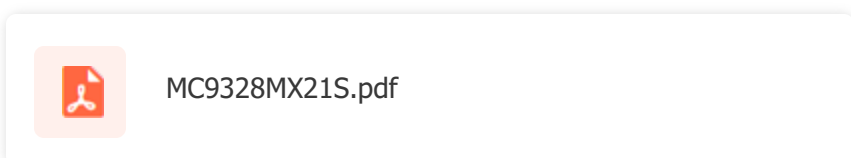
Tray Attributes 29/Sep/2021.pdf

PCN Obsolescence/ EOL



Cylindrical Battery Holders.pdf

HTML Datasheet



MC9328MX21S.pdf

Customers Also Interested in

Recommended Products

MC9328MX21SCVM	MC9328MX21SCVK	MC9328MX21VK	MC9328MX21VM	MC9328MX21VMM55B	MC9328MX21SCVK
NXP USA Inc. IC MPU I.MX21 266MHZ 289MAPBGA	Freescale Semiconductor MICROPROCESSOR, 32-BIT, 266MHZ,	NXP USA Inc. IC MPU I.MX21 266MHZ 289MAPBGA	NXP USA Inc. IC MPU I.MX21 266MHZ 289MAPBGA	Freescale / NXP Semiconductors	NXP USA Inc. IC MPU I.MX21 266MHZ 289MAPBGA
MC9328MX21SVK	MC9328MX21DVK	MC9328MX21DVM	MC9328MX21SVM	MC9328MXLCVF15	MC9328MX21SVK
Freescale Semiconductor MICROPROCESSOR, 32 BIT, 266MHZ,	NXP USA Inc. IC MPU I.MX21 266MHZ 289MAPBGA	NXP USA Inc. IC MPU I.MX21 266MHZ 289MAPBGA	Freescale Semiconductor MICROPROCESSOR, 32 BIT, 266MHZ,	MOTOROLA	NXP USA Inc. IC MPU I.MX21 266MHZ 289MAPBGA
MC9328MX21DVGR2	MC9328MX21VM	MC9328MX21VG-2L45X	MC9328MX21DVK	MC9328MX21VG	MC9328MX21VK
Motorola MICROPROCESSOR, 266MHZ PBGA289	Freescale Semiconductor MICROPROCESSOR, 32 BIT, 266MHZ,	Freescale / NXP Semiconductors	Freescale Semiconductor MICROPROCESSOR, 32 BIT, 266MHZ,	Motorola MICROPROCESSOR, 266MHZ PBGA289	Freescale Semiconductor MICROPROCESSOR, 32-BIT, 266MHZ,

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 Alleco 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.

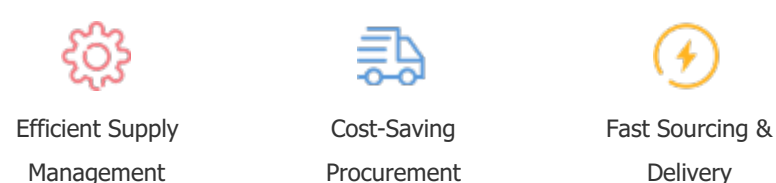
Contact us if you have any questions.

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 -



Contact us if you have any questions.



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