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See specifications for product details.



MC9328MX1VM20

Manufacturer Part Number	MC9328MX1VM20
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC9328MX1VM20
ECAD Model	Request Free CAD Models
Parts Description	IC MPU I.MX1 200MHZ 256MAPBGA
Package	256-MAPBGA
Data sheet	MC9328MX1.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC9328MX1VM20 - NXP USA Inc..New Original in Stock. Download Linear Technology MC9328MX1VM20 datasheet/specifications on AllelcoElec.com.
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Specifications

MC9328MX1VM20 Tech Specifications
MC9328MX1VM20 - 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 (1)	Mounting Type	Surface Mount
Speed	200MHz	Graphics Acceleration	No
Series	i.MX1	Ethernet	-
Security Features	-	Display & Interface Controllers	LCD, Touch Panel
SATA	-	Core Processor	ARM920T
RAM Controllers	SDRAM	Co-Processors/DSP	-
Package / Case	256-MAPBGA	Base Product Number	MC932
Package	Tray	Additional Interfaces	I ² C, I ² S, SPI, SSI, MMC/SD, UART

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9328MX1VM20

Product Attribute				
Part Number	MC9328MX1VM20	MC9328MX21DVK	MC9328MX21CVK	MC9328MX21DVM
Manufacturer	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.
Graphics Acceleration	No	No	No	No
RAM Controllers	SDRAM	SDRAM	SDRAM	SDRAM
Ethernet	-	-	-	-
Package	Tray	Tray	Bulk	Tray
Voltage - I/O	1.8V, 3.0V	1.8V, 3.0V	1.8V, 3.0V	1.8V, 3.0V
Base Product Number	MC932	MC9328MX21	MC9328MX21	MC9328MX21
Series	i.MX1	i.MX21	i.MX21	i.MX21
Security Features	-	-	-	-
USB	USB 1.x (1)	USB 1.x (2)	USB 1.x (2)	USB 1.x (2)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Display & Interface Controllers	LCD, Touch Panel	Keypad, LCD	Keypad, LCD	Keypad, LCD
SATA	-	-	-	-
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Core Processor	ARM920T	ARM926EJ-S	ARM926EJ-S	ARM926EJ-S
Additional Interfaces	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
Co-Processors/DSP	-	-	-	-
Speed	200MHz	266MHz	266MHz	266MHz
Package / Case	256-MAPBGA	289-LFBGA	289-LFBGA	289-LFBGA
Operating Temperature	0°C ~ 70°C (TA)	-30°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-30°C ~ 70°C (TA)

MC9328MX1VM20 Datasheet PDF

Download MC9328MX1VM20 pdf datasheets and NXP USA Inc. documentation for MC9328MX1VM20 - NXP USA Inc..

Datasheets

[MC9328MX1.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 Assembly/Origin

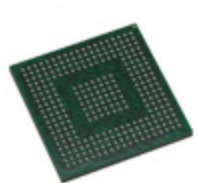

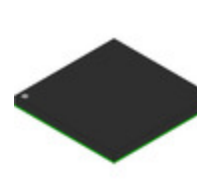
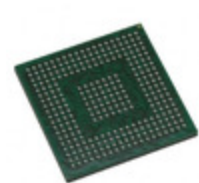

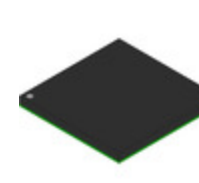


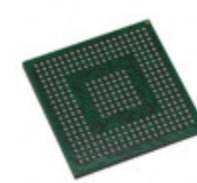
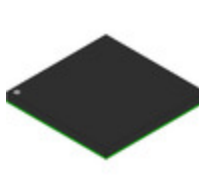

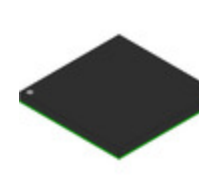
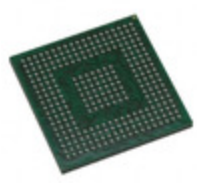

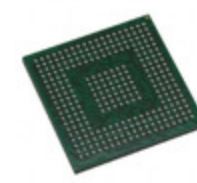



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PCN Obsolescence/ EOL

 Mult Dev 24/Jul/2020.pdf

Customers Also Interested in

Recommended Products

					
MC9328MX21DVK NXP USA Inc. IC MPU I.MX21 266MHZ 289MAPBGA	MC9328MX1VH20L44N MOTOROLA	MC9328MX21CVK Freescale Semiconductor MICROPROCESSOR, 32 BIT, 266MHZ,	MC9328MX21DVM NXP USA Inc. IC MPU I.MX21 266MHZ 289MAPBGA	MC9328MX1CVM15 NXP USA Inc. IC MPU I.MX1 150MHZ 256MAPBGA	MC9328MX21DVK Freescale Semiconductor MICROPROCESSOR, 32 BIT, 266MHZ,
					
MC9328MX1DVM20 NXP USA Inc. IC MPU I.MX1 200MHZ 256MAPBGA	MC9328MX1DVM15 NXP USA Inc. IC MPU I.MX1 150MHZ 256MAPBGA	MC9328MX21CVM NXP USA Inc. IC MPU I.MX21 266MHZ 289MAPBGA	MC9328MX21DVGR2 Motorola MICROPROCESSOR, 266MHZ PBGA289	MC9328MX21CVM Freescale Semiconductor MICROPROCESSOR, 32 BIT, 266MHZ,	MC9328MX21CJM Freescale Semiconductor MICROPROCESSOR, 32 BIT, 266MHZ,
					
MC9328MX21CVK NXP USA Inc. IC MPU I.MX21 266MHZ 289MAPBGA	MC9328MX1DVM20 Freescale Semiconductor DRAGONBALL MX1 PB-FREE	MC9328MX21CJM NXP USA Inc. IC MPU I.MX21 266MHZ 289MAPBGA	MC93051 Freescale / NXP Semiconductors	MC9328MX1CVM15 Freescale Semiconductor DRAGONBALL MX1 PB-FREE	MC9328MX1VH20 NXP USA Inc. IC MPU I.MX1 200MHZ 256MAPBGA

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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