

Image may be representation.  
See specifications for product details.



## MCIMX535DVV2C

Manufacturer Part Number	<b>MCIMX535DVV2C</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MCIMX535DVV2C
ECAD Model	Request Free CAD Models
Parts Description	IC MPU I.MX53 1.2GHZ 529TEBGA
Package	529-FBGA
Data sheet	<a href="#">i.MX535 Fact Sheet.pdf</a> <a href="#">i.MX53xD Datasheet.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MCIMX535DVV2C - NXP USA Inc..New Original in Stock. Download Linear Technology MCIMX535DVV2C datasheet/specifications on AllelcoElec.com.  
Request a quote for MCIMX535DVV2C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCIMX535DVV2C Tech Specifications

MCIMX535DVV2C - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Operating Temperature	-20°C ~ 85°C (TC)
Voltage - I/O	1.3V, 1.8V, 2.775V, 3.3V	Number of Cores/Bus Width	1 Core, 32-Bit
USB	USB 2.0 (2), USB 2.0 + PHY (2)	Mounting Type	Surface Mount
Supplier Device Package	529-FBGA (19x19)	Graphics Acceleration	Yes
Speed	1.2GHz	Ethernet	10/100Mbps (1)
Series	i.MX53	Display & Interface Controllers	Keypad, LCD
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection	Core Processor	ARM® Cortex®-A8
SATA	SATA 1.5Gbps (1)	Co-Processors/DSP	Multimedia; NEON™ SIMD
RAM Controllers	LPDDR2, DDR2, DDR3	Base Product Number	MCIMX535
Package / Case	529-FBGA	Additional Interfaces	1-Wire, AC'97, CAN, I²C, I²S, MMC/SD, SAI, SPI, SSI, UART
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MCIMX535DVV2C

Product Attribute				
Part Number	MCIMX535DVV2C	<a href="#">MCIMX536AVV8C2</a>	<a href="#">MCIMX536AVP8C2</a>	<a href="#">MCIMX534AVV8C</a>
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Package / Case	529-FBGA	529-FBGA	529-FBGA	529-FBGA
Additional Interfaces	1-Wire, AC'97, CAN, I²C, I²S, MMC/SD, SAI, SPI, SSI, UART	1-Wire, AC97, CAN, I²C, I²S, MMC/SD, SAI, SPI, SSI, UART	1-Wire, AC97, CAN, I²C, I²S, MMC/SD, SAI, SPI, SSI, UART	1-Wire, AC'97, CAN, I²C, I²S, MMC/SD, SAI, SPI, SSI, UART
RAM Controllers	LPDDR2, DDR2, DDR3	LPDDR2, DDR2, DDR3	DDR2, DDR3, LPDDR2	LPDDR2, DDR2, DDR3
Co-Processors/DSP	Multimedia; NEON™ SIMD	Multimedia; NEON™ SIMD	Multimedia; NEON™ SIMD	Multimedia; NEON™ SIMD
Supplier Device Package	529-FBGA (19x19)	529-FBGA (19x19)	529-FBGA (19x19)	529-FBGA (19x19)
Speed	1.2GHz	800MHz	800MHz	800MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	i.MX53	i.MX53	i.MX53	i.MX53
Core Processor	ARM® Cortex®-A8	ARM® Cortex®-A8	ARM® Cortex®-A8	ARM® Cortex®-A8
Ethernet	10/100Mbps (1)	10/100Mbps (1)	10/100Mbps (1)	10/100Mbps (1)
Base Product Number	MCIMX535	MCIMX536	MCIMX536	MCIMX534
Display & Interface Controllers	Keypad, LCD	Keypad, LCD	Keypad, LCD	Keypad, LCD
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection
Package	Tray	Tray	Tray	Tray
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
USB	USB 2.0 (2), USB 2.0 + PHY (2)	USB 2.0 (2), USB 2.0 + PHY (2)	USB 2.0 (2), USB 2.0 + PHY (1), USB 2.0 OTG + PHY (1)	USB 2.0 (2), USB 2.0 + PHY (2)
SATA	SATA 1.5Gbps (1)	SATA 1.5Gbps (1)	SATA 1.5Gbps (1)	SATA 1.5Gbps (1)
Operating Temperature	-20°C ~ 85°C (TC)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Voltage - I/O	1.3V, 1.8V, 2.775V, 3.3V	1.3V, 1.8V, 2.775V, 3.3V	1.3V, 1.8V, 2.775V, 3.3V	1.3V, 1.8V, 2.775V, 3.3V
Graphics Acceleration	Yes	Yes	Yes	Yes

### MCIMX535DVV2C Datasheet PDF


Download MCIMX535DVV2C pdf datasheets and NXP USA Inc. documentation for MCIMX535DVV2C - NXP USA Inc..

#### Datasheets

[i.MX535 Fact Sheet.pdf](#)

[i.MX53xD Datasheet.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

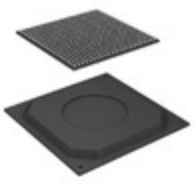
 2.73KHz.pdf

## PCN Obsolescence/ EOL

 Cylindrical Battery Holders.pdf

## Customers Also Interested in

### Recommended Products



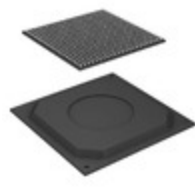
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NXP USA Inc.  
I.MX53 32-BIT MPU ARM CORTEX-A8



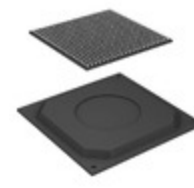
**MCIMX515DVM8B**

Fairchild (onsemi)



**MCIMX536AVP8C2**

NXP USA Inc.  
IC MPU I.MX53 800MHZ 529FBGA



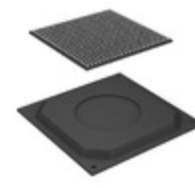
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NXP USA Inc.  
IC MPU I.MX53 800MHZ 529TEBGA-2



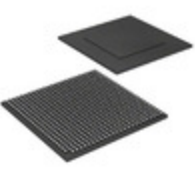
**MCIMX515DVK8C**

Freescle Semiconductor  
I.MX51 32-BIT MPU, ARM CORTEX-A8



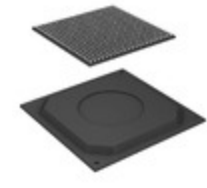
**MCIMX536AVV8C**

Freescle Semiconductor  
I.MX53 32-BIT MPU, ARM CORTEX-A8



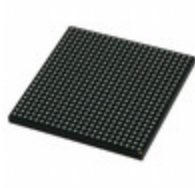
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NXP USA Inc.  
IC MPU I.MX6D 1.0GHZ 624FCBGA



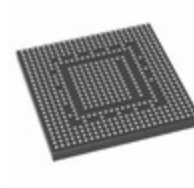
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NXP USA Inc.  
IC MPU I.MX53 1.0GHZ 529TEBGA-2



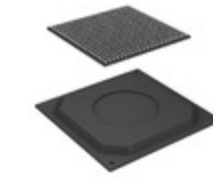
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NXP USA Inc.  
IC MPU I.MX51 800MHZ 529BGA



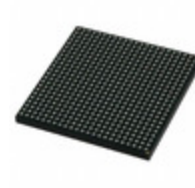
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NXP USA Inc.  
IC MPU I.MX51 800MHZ 529BGA



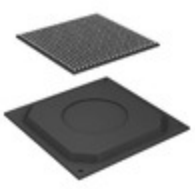
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NXP USA Inc.  
IC MPU I.MX53 800MHZ 529TEBGA-2



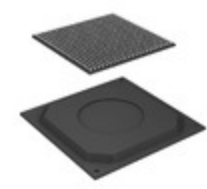
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NXP USA Inc.  
IC MPU I.MX51 600MHZ 529BGA



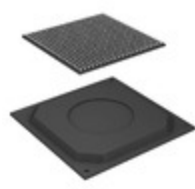
**MCIMX535DVV2C**

Freescle Semiconductor  
I.MX53 32 BIT MPU, ARM CORTEX-A8



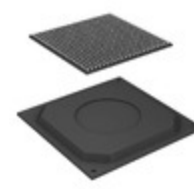
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NXP USA Inc.  
IC MPU I.MX53 1.0GHZ 529TEBGA-2



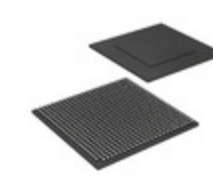
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Freescle Semiconductor  
MULTIFUNCTION PERIPHERAL, CMOS,



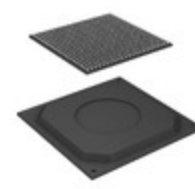
**MCIMX534AVV8C2R2**

NXP USA Inc.  
IMX53 REV 2.1 AUTO



**MCIMX6D4AVT08AD**

NXP USA Inc.  
IC MPU I.MX6D 852MHZ 624FCBGA



**MCIMX536AVV8C**

NXP USA Inc.  
IC MPU I.MX53 800MHZ 529TEBGA

## 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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@alleco.com

## Certifications & Memberships



View More

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