

Image may be representation.  
See specifications for product details.



## MCIMX6S7CVM08AD

Manufacturer Part Number	<b>MCIMX6S7CVM08AD</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MCIMX6S7CVM08AD
ECAD Model	Request Free CAD Models
Parts Description	<b>I.MX6 SOLO ROM PERFENHAN</b>
Package	<b>624-LFBGA</b>
Data sheet	MCIMX6S7CVM08AD.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MCIMX6S7CVM08AD - NXP USA Inc..New Original in Stock. Download Linear Technology MCIMX6S7CVM08AD datasheet/specifications on AllelcoElec.com.  
Request a quote for MCIMX6S7CVM08AD, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCIMX6S7CVM08AD Tech Specifications  
MCIMX6S7CVM08AD - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Operating Temperature	-40°C ~ 105°C (TA)
Voltage - I/O	1.8V, 2.5V, 2.8V, 3.3V	Number of Cores/Bus Width	1 Core, 32-Bit
USB	USB 2.0 + PHY (4)	Mounting Type	Surface Mount
Supplier Device Package	624-MAPBGA (21x21)	Graphics Acceleration	Yes
Speed	800MHz	Ethernet	10/100/1000Mbps (1)
Series	i.MX6S	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®-A9
SATA	-	Co-Processors/DSP	Multimedia; NEON™ SIMD
RAM Controllers	LPDDR2, LVDDR3, DDR3	Base Product Number	MCIMX6
Package / Case	624-LFBGA	Additional Interfaces	CAN, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SD/SDIO, SAI, SPI, SSI, UART
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MCIMX6S7CVM08AD

Product Attribute				
Part Number	MCIMX6S7CVM08AD	<b>MCIMX6U5DVM10AD</b>	<b>MCIMX6S8DVM10AC</b>	<b>MCIMX6S6AVM08AC</b>
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Number of Cores/Bus Width	1 Core, 32-Bit	2 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Additional Interfaces	CAN, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SD/SDIO, SAI, SPI, SSI, UART	CAN, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SD/SDIO, SAI, SPI, SSI, UART	CAN, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SD/SDIO, SAI, SPI, SSI, UART	CAN, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SD/SDIO, SAI, SPI, SSI, UART
RAM Controllers	LPDDR2, LVDDR3, DDR3	LPDDR2, LVDDR3, DDR3	LPDDR2, LVDDR3, DDR3	LPDDR2, LVDDR3, DDR3
Core Processor	ARM® Cortex®-A9	ARM® Cortex®-A9	ARM® Cortex®-A9	ARM® Cortex®-A9
Package	Tray	Tray	Tray	Tray
Speed	800MHz	1.0GHz	1.0GHz	800MHz
SATA	-	-	-	-
Package / Case	624-LFBGA	624-LFBGA	624-LFBGA	624-LFBGA
Graphics Acceleration	Yes	Yes	Yes	Yes
Voltage - I/O	1.8V, 2.5V, 2.8V, 3.3V	1.8V, 2.5V, 2.8V, 3.3V	1.8V, 2.5V, 2.8V, 3.3V	1.8V, 2.5V, 2.8V, 3.3V
Supplier Device Package	624-MAPBGA (21x21)	624-MAPBGA (21x21)	624-MAPBGA (21x21)	624-MAPBGA (21x21)
Operating Temperature	-40°C ~ 105°C (TA)	0°C ~ 95°C (TJ)	0°C ~ 95°C (TJ)	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	i.MX6S	i.MX6DL	i.MX6S	i.MX6S
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
USB	USB 2.0 + PHY (4)	USB 2.0 + PHY (4)	USB 2.0 + PHY (4)	USB 2.0 + PHY (4)
Base Product Number	MCIMX6	MCIMX6	MCIMX6	MCIMX6
Co-Processors/DSP	Multimedia; NEON™ SIMD	Multimedia; NEON™ SIMD	Multimedia; NEON™ SIMD	Multimedia; NEON™ SIMD
Ethernet	10/100/1000Mbps (1)	10/100/1000Mbps (1)	10/100/1000Mbps (1)	10/100/1000Mbps (1)

### MCIMX6S7CVM08AD Datasheet PDF

Download MCIMX6S7CVM08AD pdf datasheets and NXP USA Inc. documentation for MCIMX6S7CVM08AD - NXP USA Inc..

### Environmental Information



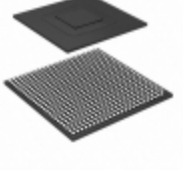
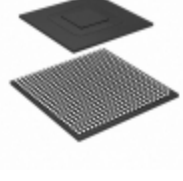
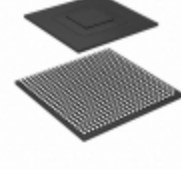
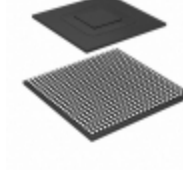
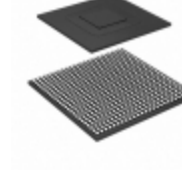

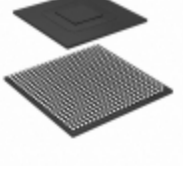
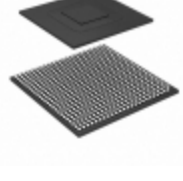
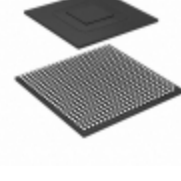
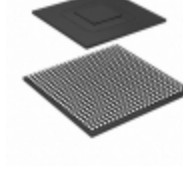
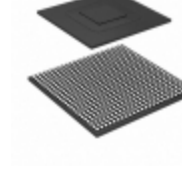
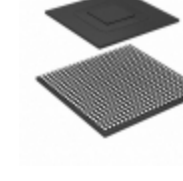
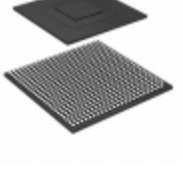
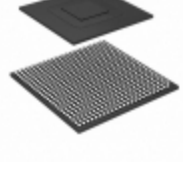


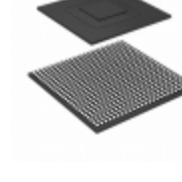
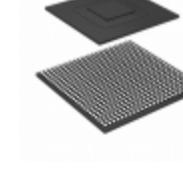
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## Customers Also Interested in

### Recommended Products

					
<b>MCIMX6U5DVM10AD</b> NXP USA Inc. I.MX 6DL ROM PERF ENHAN	<b>MCIMX6S8DVM10AC</b> NXP USA Inc. IC MPU I.MX6S 1.0GHZ 624MAPBGA	<b>MCIMX6S6AVM08AC</b> NXP USA Inc. IC MPU I.MX6S 800MHZ 624MAPBGA	<b>MCIMX6S6AVM08ABR</b> NXP USA Inc. IC MPU I.MX6S 800MHZ 624MAPBGA	<b>MCIMX6S5EVM10AD</b> NXP USA Inc. I.MX 6S ROM PERF ENHAN	<b>MCIMX6S6AVM08AB</b> Freescale Semiconductor I.MX 6 SERIES 32 BIT MPU, ARM CO
					
<b>MCIMX6U5DVM10AC</b> NXP USA Inc. IC MPU I.MX6DL 1.0GHZ 624MAPBGA	<b>MCIMX6U5DVM10ADR</b> NXP USA Inc. IC MPU I.MX6DL 1.0GHZ 624MAPBGA	<b>MCIMX6S8DVM10AB</b> NXP USA Inc. IC MPU I.MX6S 1.0GHZ 624MAPBGA	<b>MCIMX6U1AVM08ACR</b> NXP USA Inc. IC MPU I.MX6DL 800MHZ 624MAPBGA	<b>MCIMX6S6AVM10AD</b> NXP USA Inc. I.MX 6S ROM PERF ENHAN	<b>MCIMX6S5EVM10ADR</b> NXP USA Inc. I.MX 6S ROM PERF ENHAN
					
<b>MCIMX6U5DVM10AB</b> NXP USA Inc. IC MPU I.MX6DL 1.0GHZ 624MAPBGA	<b>MCIMX6U1AVM08AC</b> NXP USA Inc. IC MPU I.MX6DL 800MHZ 624MAPBGA	<b>MCIMX6S8DVM10AB</b> Freescale Semiconductor I.MX 6 SERIES 32 BIT MPU, ARM CO	<b>MCIMX6S6AVM08AC</b> Freescale Semiconductor I.MX 6 SERIES 32-BIT MPU, ARM CO	<b>MCIMX6S6AVM08AB</b> NXP USA Inc. IC MPU I.MX6S 800MHZ 624MAPBGA	<b>MCIMX6S7CVM08AC</b> NXP USA Inc. IC MPU I.MX6S 800MHZ 624MAPBGA

## 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.



### Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone  
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### Certifications & Memberships



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