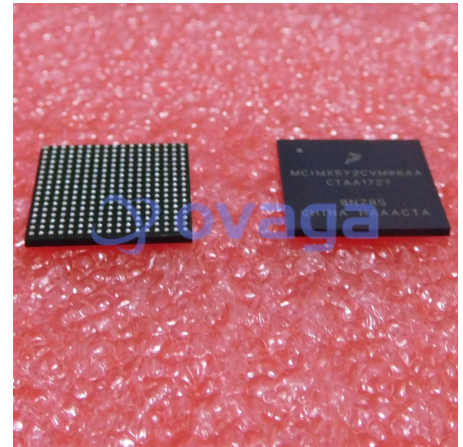


Processors - Application Specialized i.MX 32-bit MPU, ARM Cortex-A7 core, 800MHz

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	MAPBGA-289
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MCIMX6Y2CVM08AA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MCIMX6Y2CVM08AA is a microprocessor unit manufactured by NXP Semiconductors. It is a member of the i.MX 6 series of processors and is based on ARM Cortex-A9 architecture.

### Features

Dual-core ARM Cortex-A9 processor, clocked at up to 792 MHz

Integrated 2D and 3D graphics processing units (GPUs)

Support for up to 2 GB of DDR3 or DDR3L memory

Multiple connectivity options, including Gigabit Ethernet, USB 2.0, SATA, and SDIO

Support for multiple display interfaces, including LVDS, HDMI, and MIPI-DSI

Comprehensive security features, including a TrustZone security module and support for secure boot and cryptographic functions

### Application

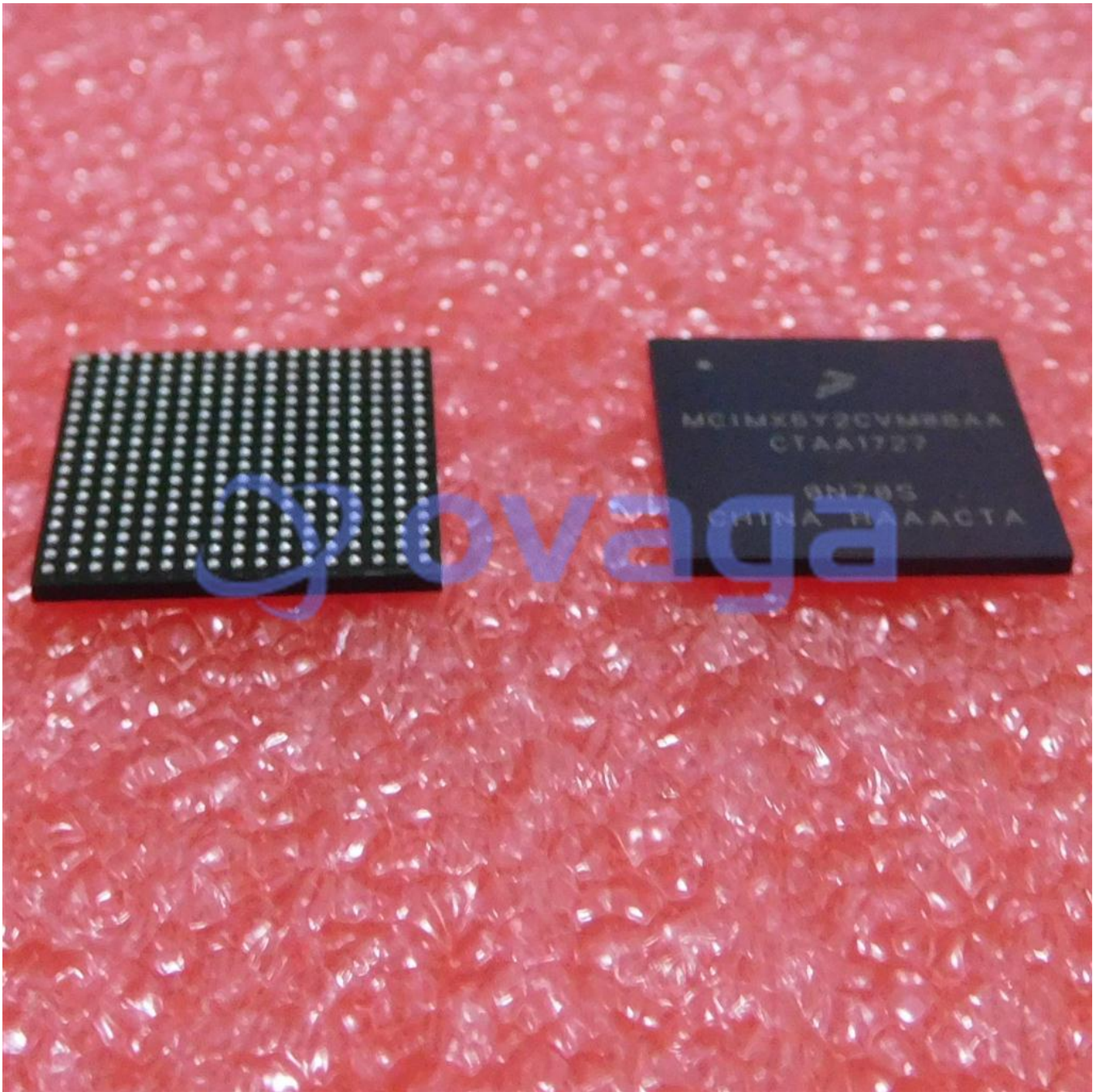
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MCIMX6Y2EVM08AA

MCIMX6Y2CVM08AB

MCIMX6Y2DVM08AB

MCIMX6Y2EVM08AB

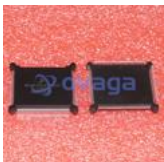


### Related Products



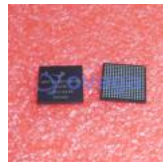
[MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



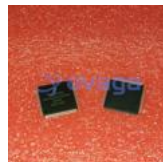
[MC68332ACEH20](#)

NXP Semiconductor  
QFP132



[MCF5253CVM140](#)

NXP Semiconductor  
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor  
100-LQFP



[MC9S12DP512VPVE](#)

NXP Semiconductor

LQFP-112



[MC9S12DG128MFUE](#)

NXP Semiconductor

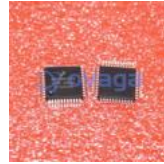
QFP-80



[MC9S08GT8AMFBE](#)

NXP Semiconductor

QFP-44



[MC9S08GT8ACFBE](#)

NXP Semiconductor

QFP44