

Processors - Application Specialized LOW END I.MX27

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	BGA-404
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MCIMX27LVOP4A or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MCIMX27LVOP4A refers to the Freescale i.MX27 processor, which is a system-on-chip (SoC) designed for embedded applications. It features an ARM926EJ-S core running at up to 400 MHz, along with a range of peripherals and interfaces.

## Features

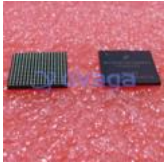
- ARM926EJ-S core running at up to 400 MHz
- 16 KB instruction cache and 16 KB data cache
- 16-bit DDR2/DDR memory interface
- On-chip LCD controller supporting resolutions up to 1024x768
- Ethernet MAC, USB 2.0 host and device interfaces, and other I/O peripherals
- Support for a range of operating systems, including Linux, Windows CE, and others

## Application

- Industrial automation and control
- Medical devices
- Portable media players
- Network appliances
- Automotive infotainment systems

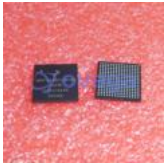


## Related Products



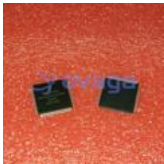
### [MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



### [MCF5253CVM140](#)

NXP Semiconductor  
BGA-225



### [MCF52223CAF80](#)

NXP Semiconductor  
100-LQFP



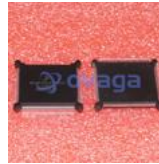
### [MC9S12DG128MFUE](#)

NXP Semiconductor  
QFP-80



### [MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



### [MC68332ACEH20](#)

NXP Semiconductor  
QFP132



### [MC9S12DP512VPVE](#)

NXP Semiconductor  
LQFP-112



### [MC9S08GT8AMFBE](#)

NXP Semiconductor  
QFP-44