Processors - Application Specialized I.MX27 REV 2.1

Manufacturers	NXP Semiconductor
Package/Case	BGA-404
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for MCIMX27VOP4A or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

MCIMX27VOP4A is a System on Chip (SoC) from NXP Semiconductors. It belongs to the i.MX27 family of multimedia applications processors and is designed for embedded systems that require high performance and low power consumption.
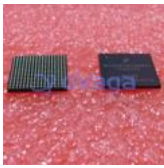
Features

ARM926EJ-S core operating at up to 400 MHz

Graphics Processing Unit (GPU)

32-bit DDR2/DDR memory interface

Multiple communication interfaces, including USB 2.0, Ethernet, and CAN bus

Audio and video processing capabilities, including support for MPEG-4, H.264, and MJPEG video codecs

Integrated touchscreen controller

Low power consumption

Application

Portable media players

Digital cameras

Point-of-sale terminals

Home automation systems

Industrial control systems

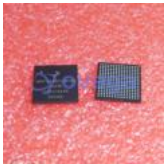Medical devices

Handheld gaming consoles
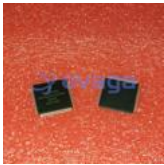
Related Products

[MCIMX6Y2CVM08AA](#)

NXP Semiconductor

MAPBGA-289

[MCF5253CVM140](#)

NXP Semiconductor

BGA-225

[MCF52223CAF80](#)
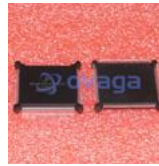
NXP Semiconductor

100-LQFP

[MC9S12DG128MFUE](#)

NXP Semiconductor

QFP-80

[MC68302CEH20C](#)

NXP Semiconductor

PQFP-132

[MC68332ACEH20](#)

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QFP132

[MC9S12DP512VPVE](#)

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LQFP-112

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QFP-44