


SOC i.MX 6Quad ARM Cortex A9 40nm Automotive 624-Pin FCBGA Tray

Manufacturer:	NXP Semiconductor
Package/Case:	BGA
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	NRND



Images are for reference only

[Inquiry](#)

General Description

MCIMX6Q6AVT10AC is a product code that refers to a specific variant of the i.MX6 Quad application processor from NXP Semiconductors.

Key Features

- Quad-core ARM Cortex-A9 CPU
- 2D and 3D graphics acceleration
- HD video processing and encoding
- Advanced power management
- Multiple high-speed connectivity options, including HDMI, USB, and Ethernet
- Support for a wide range of operating systems, including Linux, Android, and Windows Embedded

Application

- Industrial automation and control
- Automotive infotainment systems
- Medical devices
- Smart home appliances
- Gaming and multimedia devices
- Robotics and drones
- IoT devices



Recommended For You

MCIMX6D6AVT10AD

NXP Semiconductor

BGA

MCIMX515DJM8C

NXP Semiconductor

BGA

MCIMX6S5DVMI0AC

NXP Semiconductor

BGA

MC9S12XDP512CAL

NXP Semiconductor

QFP

MC908MR16CFUE

NXP Semiconductor

QFP

MC9S08AW60CPUE

NXP Semiconductor

LQFP64

MCIMX233DJM4B

NXP Semiconductor

BGA

MC7457RX1000LC

NXP Semiconductor

BGA

MC9S12XEQ512CAG

NXP Semiconductor

LQFP144

MC9S08AW16MFGE

NXP Semiconductor

QFP44

MC9S08AW48CFUE

NXP Semiconductor

QFP64

MC9S08AW60MFGE

NXP Semiconductor

QFP44

MC9S12XEG128CAL

NXP Semiconductor

QFP

MC9S12C32CFAE25

NXP Semiconductor

QFP48

MC9S12C32VFAE25

NXP Semiconductor

QFP48