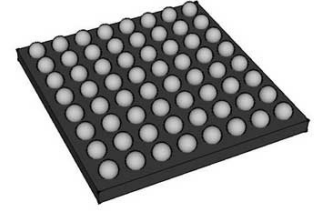



SOC i.MX 6Quad ARM Cortex A9 40nm Automotive 624-Pin FCBGA Tray



Images are for reference only

[Inquiry](#)

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

General Description

The i.MX 6 series of applications processors combines scalable platforms with broad levels of integration and power-efficient processing capabilities particularly suited to multimedia applications. The i.MX6 Quad processor features: Enhanced capabilities of high-tier portable applications by fulfilling MIPS needs of operations systems and games Multilevel memory system Smart speed technology that enables the designer to deliver a feature-rich product, requiring levels of power far lower than industry expectations Dynamic voltage and frequency scaling Powerful graphics acceleration Interface flexibility Integrated power management throughout the device Advanced hardware-enabled security Commercial Support and Engineering Services i.MX 6 applications processors are part of NXP's EdgeVerse? edge computing platform.

Key Features

i.MX 6 series 32-bit MPU, Quad ARM Cortex-A9 core, 1GHz, FCBGA 624

Application

Automotive
Industrial
Mobile
Smart City
Smart Home

Recommended For You

MCIMX6D6AVT10AD

NXP Semiconductor

BGA

MCIMX515DJM8C

NXP Semiconductor

BGA

MCIMX6S5DVM10AC

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