
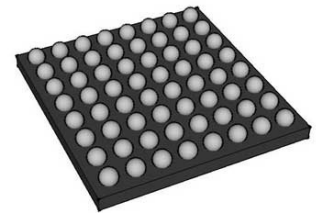


**SOC i.MX 6Quad ARM Cortex A9 40nm Automotive 624-Pin FCBGA T/R**

<b>Manufacturer:</b>	<a href="#">NXP Semiconductor</a>
<b>Package/Case:</b>	BGA624
<b>Product Type:</b>	Embedded Processors & Controllers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	NRND



Images are for reference only

[Inquiry](#)

### 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