
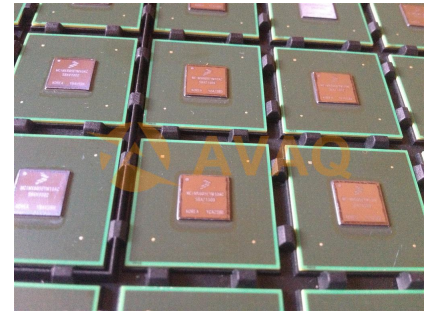


SOC i.MX 6Quad ARM Cortex A9 40nm 624-Pin FCBGA Tray

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

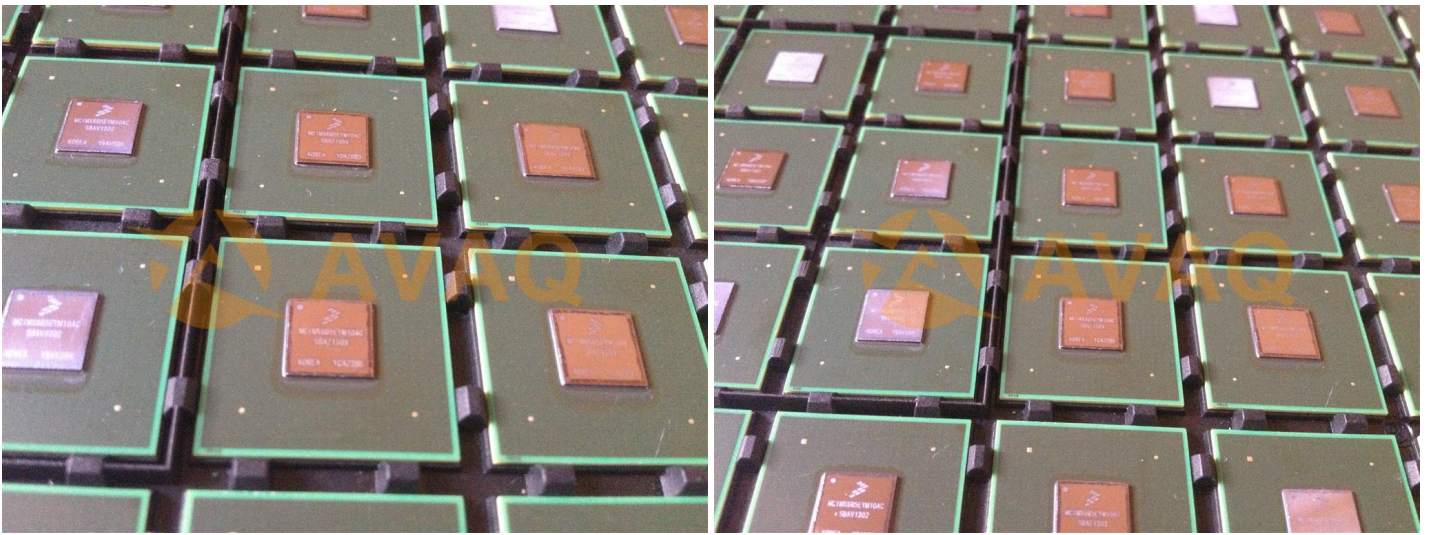
MCIMX6Q5EYM10AC is a part number for a system-on-chip (SoC) manufactured by NXP Semiconductors. It is a member of the i.MX6 family of processors, which are widely used in embedded applications.

Key Features

- Quad-core ARM Cortex-A9 CPU running at up to 1 GHz
- Vivante GC2000 GPU
- Supports up to 4 GB of DDR3 or DDR3L RAM
- Dual independent displays with up to 2048x1536 resolution
- Integrated HDMI, LVDS, and MIPI-DSI interfaces
- Multiple connectivity options, including Ethernet, USB, PCIe, and SATA
- Supports multiple operating systems, including Linux and Android

Application

- Industrial automation and control
- Human-machine interfaces (HMIs)
- Digital signage and kiosks
- Medical devices
- Automotive infotainment systems
- Smart home devices
- Gaming consoles



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