
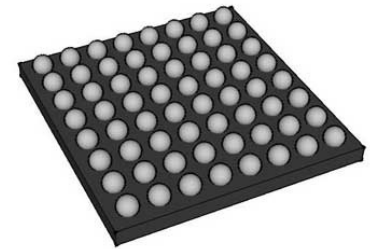


SOC i.MX51 ARM Cortex A8 0.06um 529-Pin BGA Tray

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



Images are for reference only

[Inquiry](#)

General Description

The i.MX512 multimedia applications processor offers high performance processing optimized with the lowest power consumption for HMI, printers, medical devices and eBooks. It features Our advanced and power-efficient implementation of the Arm® Cortex®-A8 core, which operates at speeds up to 800 MHz. Extended temperature is available for industrial focused devices running at up to 600 MHz. The i.MX512 is supported by companion NXP® power management ICs (PMIC), MC13892, MC34704, MC34709 and MMPF0100. For consumer and industrial i.MX51 versions, i.MX515 samples are orderable.

Key Features

i.MX51 32-bit MPU, ARM Cortex-A8 core, 800MHz, MAPBGA 529

Application

Industrial

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