
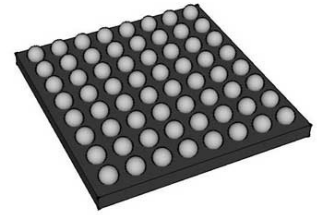


SOC i.MX35 ARM1136JF-S 0.09um Automotive 400-Pin MAP-BGA Tray

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.MX356 provides all of the functionality required in today's automotive market. With an Arm11? core running at 532 MHz the i.MX356 integrates an OpenVG? 1.1 vector graphics hardware accelerator. The OpenVG was integrated to deliver smooth textural visuals required in today's automotive infotainment systems. The processor features an advanced Image Processing Unit (IPU) with updated resizing capabilities to handle wide-VGA and increased the interface to 24-bit for higher color display capabilities. To reduce BOM cost flexible connectivity options were integrated, such as 2-CAN modules, Media Local Bus (MLB), Enhanced Serial Audio Interface (ESAI), Ethernet, and two USB ports with integrated PHYs. The i.MX356 can connect too many different peripherals like Wi-Fi via SDIO or USB, Bluetooth via UART or SSI/I2S and external storage via CE-ATA or PATA. Support for lower cost memories like 3.3V SDRAM, DDR2, and multi-level cell NAND were integrated. The i.MX356 is supported by companion NXP? power management ICs (PMIC), MC13892 and MMPF0100.

Key Features

i.MX35 32-bit MPU, ARM1136JF-S core, 532MHz, MAPBGA 400

Application

- Automotive
- Industrial
- Mobile

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