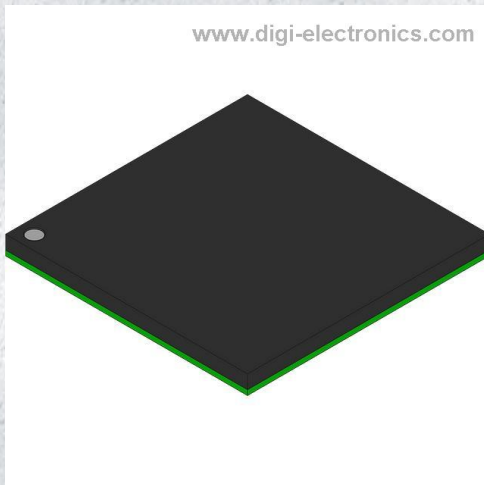


MCIMX6X3EVK10AB Datasheet



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DiGi Electronics Part Number	MCIMX6X3EVK10AB-DG
Manufacturer	NXP Semiconductors
Manufacturer Product Number	MCIMX6X3EVK10AB
Description	IC MPU I.MX6SX 1GHZ 400MAPBGA
Detailed Description	ARM® Cortex®-A9, ARM® Cortex®-M4 Microprocessor IC i.MX6SX 2 Core, 32-Bit 1GHz, 227MHz 400-MAPBGA (14x14)

This model MCIMX6X3EVK10AB is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

MCIMX6X3EVK10AB

Series:

i.MX6SX

Core Processor:

ARM® Cortex®-A9, ARM® Cortex®-M4

Speed:

1GHz, 227MHz

RAM Controllers:

DDR3, DDR3L, LPDDR2

Display & Interface Controllers:

Keypad, LCD

SATA:

-

Voltage - I/O:

1.8V, 2.5V, 2.8V, 3.15V

Security Features:

A-HAB, ARM TZ, CAAM, CSU, SNVS, System JTAG, TVDECODE

Package / Case:

400-LFBGA

Additional Interfaces:

CANbus, I2C, I2S, MLB, MMC/SD/SDIO, PCIe, SAI, SPDIF, SPI, SSI, UART, VADC

Manufacturer:

NXP Semiconductors

Product Status:

Active

Number of Cores/Bus Width:

2 Core, 32-Bit

Co-Processors/DSP:

Multimedia; NEON™ MPE

Graphics Acceleration:

Yes

Ethernet:

10/100/1000Mbps (2)

USB:

USB 2.0 + PHY (1), USB 2.0 OTG + PHY (2)

Operating Temperature:

-20°C ~ 105°C (TJ)

Mounting Type:

Surface Mount

Supplier Device Package:

400-MAPBGA (14x14)

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

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