

MCIMX6U5EVM10AC Datasheet



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DiGi Electronics Part Number	MCIMX6U5EVM10AC-DG
Manufacturer	NXP Semiconductors
Manufacturer Product Number	MCIMX6U5EVM10AC
Description	IC MPU I.MX6S 1GHZ 624MAPBGA
Detailed Description	ARM® Cortex®-A9 Microprocessor IC i.MX6S 2 Core, 3 2-Bit, 64-Bit 1GHz 624-MAPBGA (21x21)

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Purchase and inquiry

Manufacturer Product Number:

MCIMX6U5EVM10AC

Series:

i.MX6S

Core Processor:

ARM® Cortex®-A9

Speed:

1GHz

RAM Controllers:

DDR3, DDR3L, LPDDR2

Display & Interface Controllers:

HDMI, Keypad, LCD, LVDS, MIPI

SATA:

-

Voltage - I/O:

1.8V, 2.5V, 2.8V, 3.3V

Mounting Type:

Surface Mount

Supplier Device Package:

624-MAPBGA (21x21)

Manufacturer:

NXP Semiconductors

Product Status:

Active

Number of Cores/Bus Width:

2 Core, 32-Bit, 64-Bit

Co-Processors/DSP:

Multimedia; NEON™ MPE

Graphics Acceleration:

Yes

Ethernet:

10/100/1000Mbps (1)

USB:

USB 2.0 + PHY (4)

Operating Temperature:

-20°C ~ 105°C (TJ)

Package / Case:

624-LFBGA

Additional Interfaces:

Bluetooth, CANbus, ESAI, I2C, I2S, MMC/SD/SDIO, SPI, SSI, UART

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

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