

# MPC8315EVRADDA Datasheet



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DiGi Electronics Part Number	MPC8315EVRADDA-DG
Manufacturer	<a href="#">Freescale Semiconductor</a>
Manufacturer Product Number	MPC8315EVRADDA
Description	IC MPU MPC83XX 266MHZ 620HBGA
Detailed Description	PowerPC e300c3 Microprocessor IC MPC83xx 1 Core , 32-Bit 266MHZ 620-HBGA (29x29)

This model MPC8315EVRADDA is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

MPC8315EVRADDA

**Series:**

MPC83xx

**Core Processor:**

PowerPC e300c3

**Speed:**

266MHz

**RAM Controllers:**

DDR, DDR2

**Display & Interface Controllers:**

-

**SATA:**

SATA 3Gbps (2)

**Voltage - I/O:**

1.8V, 2.5V, 3.3V

**Security Features:**

Cryptography, Random Number Generator

**Package / Case:**

620-BBGA Exposed Pad

**Additional Interfaces:**

DUART, I2C, PCI, SPI, TDM

**Manufacturer:**

Freescale Semiconductor

**Product Status:**

Active

**Number of Cores/Bus Width:**

1 Core, 32-Bit

**Co-Processors/DSP:**

Security; SEC 3.3

**Graphics Acceleration:**

No

**Ethernet:**

10/100/1000Mbps (2)

**USB:**

USB 2.0 + PHY (1)

**Operating Temperature:**

0°C ~ 105°C (TA)

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

620-HBGA (29x29)

## Environmental & Export classification

**ECCN:**

5A002A1 FRE

**HTSUS:**

8542.31.0001

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