

# LS2084ASE711B Datasheet



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DiGi Electronics Part Number	LS2084ASE711B-DG
Manufacturer	<a href="#">NXP USA Inc.</a>
Manufacturer Product Number	LS2084ASE711B
Description	IC MPU QORIQ 2.1GHZ 1292FCPBGA
Detailed Description	ARM® Cortex®-A72 Microprocessor IC QorIQ® Layers cape 8 Core, 64-Bit 2.1GHz 1292-FCPBGA (37.5x37.5)

This model LS2084ASE711B is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

LS2084ASE711B

**Series:**

QorIQ® Layerscape

**Core Processor:**

ARM® Cortex®-A72

**Speed:**

2.1GHz

**RAM Controllers:**

DDR4

**Display & Interface Controllers:**

-

**SATA:**

SATA (2)

**Voltage - I/O:**

-

**Security Features:**

Secure Boot, TrustZone®

**Package / Case:**

1292-BBGA, FCBGA

**Additional Interfaces:**

-

**Manufacturer:**

NXP USA Inc.

**Product Status:**

Active

**Number of Cores/Bus Width:**

8 Core, 64-Bit

**Co-Processors/DSP:**

-

**Graphics Acceleration:**

-

**Ethernet:**

10GbE (8), 2.5GbE (16)

**USB:**

USB 3.0 + PHY (2)

**Operating Temperature:**

0°C ~ 105°C (TA)

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

1292-FCPBGA (37.5x37.5)

**Base Product Number:**

LS2084

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**Moisture Sensitivity Level (MSL):**

3 (168 Hours)

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