

LS2084ASE7QQB Datasheet



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DiGi Electronics Part Number	LS2084ASE7QQB-DG
Manufacturer	NXP USA Inc.
Manufacturer Product Number	LS2084ASE7QQB
Description	IC MPU QORIQ 1.6GHZ 1292FCPBGA
Detailed Description	ARM® Cortex®-A72 Microprocessor IC QorIQ® Layers cape 8 Core, 64-Bit 1.6GHz 1292-FCPBGA (37.5x37.5)

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Manufacturer Product Number:

LS2084ASE7QQB

Series:

QorIQ® Layerscape

Core Processor:

ARM® Cortex®-A72

Speed:

1.6GHz

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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