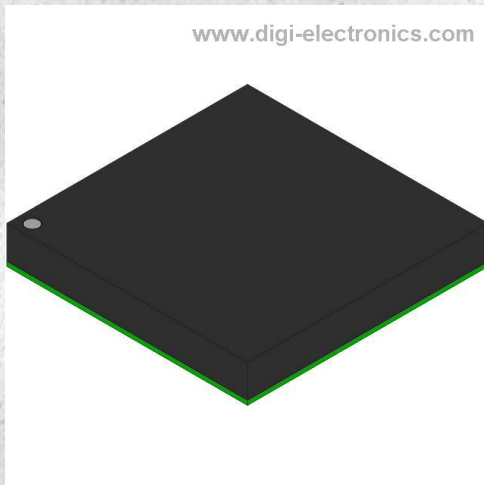


# MCIMX515DJM8C Datasheet



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|                              |   |
|------------------------------|---|
| DiGi Electronics Part Number | MCIMX515DJM8C-DG  |
| Manufacturer                 | <a href="#">NXP Semiconductors</a>  |
| Manufacturer Product Number  | MCIMX515DJM8C   |
| Description                  | IC MPU 800MHZ 529BGA  |
| Detailed Description         | ARM® Cortex®-A8 Microprocessor IC - 1 Core, 32-Bit 800MHz 529-BGA Case 2017 (19x19) |

This model MCIMX515DJM8C is available at DiGi Electronics.

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## Purchase and inquiry

|                                  |   |                            |                                |
|----------------------------------|---|----------------------------|--------------------------------|
| Manufacturer Product Number:     | MCIMX515DJM8C   | Manufacturer:              | NXP Semiconductors             |
| Series:                          | -   | Product Status:            | Obsolete                       |
| Core Processor:                  | ARM® Cortex®-A8   | Number of Cores/Bus Width: | 1 Core, 32-Bit                 |
| Speed:                           | 800MHz  | Co-Processors/DSP:         | Multimedia; NEON™ SIMD         |
| RAM Controllers:                 | DDR2, LPDDR2  | Graphics Acceleration:     | Yes                            |
| Display & Interface Controllers: | Keypad, LCD   | Ethernet:                  | 10/100Mbps (1)                 |
| SATA:                            | -   | USB:                       | USB 2.0 (3), USB 2.0 + PHY (1) |
| Voltage - I/O:                   | 1.2V, 1.875V, 2.775V, 3V  | Operating Temperature:     | -20°C ~ 85°C (TC)              |
| Security Features:               | ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC | Mounting Type:             | Surface Mount                  |
| Package / Case:                  | 529-LFBGA   | Supplier Device Package:   | 529-BGA Case 2017 (19x19)      |
| Additional Interfaces:           | 1-Wire, AC'97, I2C, I2S, MMC/SD, SPI, SSI, UART   | Base Product Number:       | MCIMX515                       |

## Environmental & Export classification

|              |                    |               |                  |
|--------------|--------------------|---------------|------------------|
| RoHS Status: | RoHS non-compliant | REACH Status: | Vendor Undefined |
| ECCN:        | 5A992              | HTSUS:        | 8542.31.0001     |

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