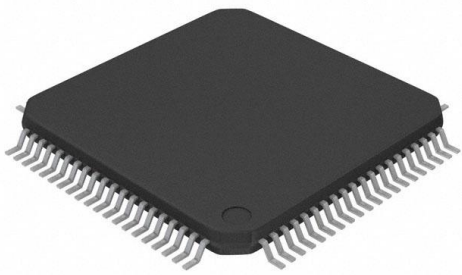


# MSP430F5517IPN Datasheet

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|                              |   |
|------------------------------|---|
| DiGi Electronics Part Number | MSP430F5517IPN-DG   |
| Manufacturer                 | <a href="#">Texas Instruments</a>   |
| Manufacturer Product Number  | MSP430F5517IPN  |
| Description                  | IC MCU 16BIT 96KB FLASH 80LQFP  |
| Detailed Description         | MSP430 CPUXV2 MSP430F5xx Microcontroller IC 16-Bit 25MHz 96KB (96K x 8) FLASH 80-LQFP (12x12) |

This model MSP430F5517IPN is available at DiGi Electronics.

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We welcome your inquiries regarding pricing, lead time, or other product-related questions.

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## Purchase and inquiry

**Manufacturer Product Number:**

MSP430F5517IPN

**Series:**

MSP430F5xx

**DiGi-Electronics Programmable:**

Not Verified

**Core Size:**

16-Bit

**Connectivity:**

I2C, IrDA, LINbus, SCI, SPI, UART/USART, USB

**Number of I/O:**

63

**Program Memory Type:**

FLASH

**RAM Size:**

8K x 8

**Data Converters:**

-

**Operating Temperature:**

-40°C ~ 85°C (TA)

**Supplier Device Package:**

80-LQFP (12x12)

**Base Product Number:**

MSP430F5517

**Manufacturer:**

Texas Instruments

**Product Status:**

Active

**Core Processor:**

MSP430 CPUXV2

**Speed:**

25MHz

**Peripherals:**

Brown-out Detect/Reset, DMA, POR, PWM, WDT

**Program Memory Size:**

96KB (96K x 8)

**EEPROM Size:**

-

**Voltage - Supply (Vcc/Vdd):**

1.8V ~ 3.6V

**Oscillator Type:**

Internal

**Mounting Type:**

Surface Mount

**Package / Case:**

80-LQFP

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8542.31.0001

**Moisture Sensitivity Level (MSL):**

3 (168 Hours)

**ECCN:**

EAR99

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