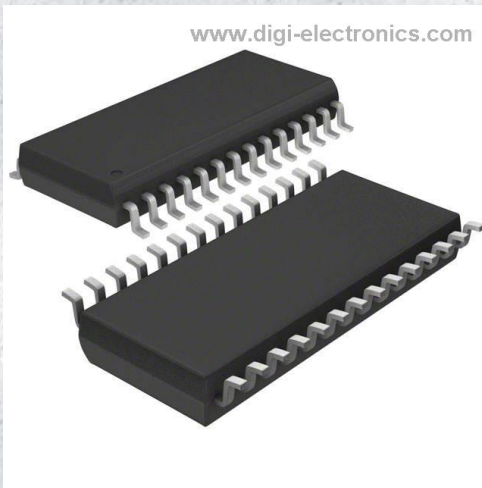


# MSP430F1232IPWR Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	MSP430F1232IPWR-DG
Manufacturer	<a href="#">Texas Instruments</a>
Manufacturer Product Number	MSP430F1232IPWR
Description	IC MCU 16BIT 8KB FLASH 28TSSOP
Detailed Description	MSP430 CPU16 MSP430x1xx Microcontroller IC 16-Bit 8MHz 8KB (8K x 8 + 256B) FLASH 28-TSSOP

This model MSP430F1232IPWR is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

MSP430F1232IPWR

**Series:**

MSP430x1xx

**DiGi-Electronics Programmable:**

Verified

**Core Size:**

16-Bit

**Connectivity:**

SPI, UART/USART

**Number of I/O:**

22

**Program Memory Type:**

FLASH

**RAM Size:**

256 x 8

**Data Converters:**

A/D 8x10b

**Operating Temperature:**

-40°C ~ 85°C (TA)

**Supplier Device Package:**

28-TSSOP

**Base Product Number:**

MSP430F1232

**Manufacturer:**

Texas Instruments

**Product Status:**

Active

**Core Processor:**

MSP430 CPU16

**Speed:**

8MHz

**Peripherals:**

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

**Program Memory Size:**

8KB (8K x 8 + 256B)

**EEPROM Size:**

-

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

1.8V ~ 3.6V

**Oscillator Type:**

Internal

**Mounting Type:**

Surface Mount

**Package / Case:**

28-TSSOP (0.173", 4.40mm Width)

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8542.31.0001

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

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