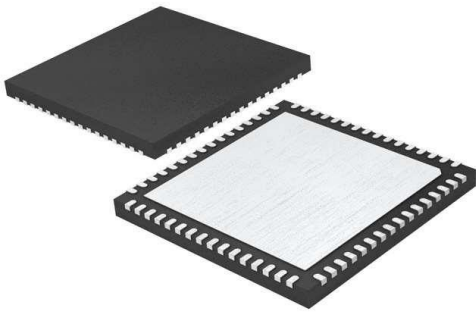


# MSP430F233TRGCT Datasheet

www.digi-electronics.com



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

DiGi Electronics Part Number	MSP430F233TRGCT-DG
Manufacturer	<a href="#">Texas Instruments</a>
Manufacturer Product Number	MSP430F233TRGCT
Description	IC MCU 16BIT 8KB FLASH 64VQFN
Detailed Description	MSP430 CPU16 MSP430F2xx Microcontroller IC 16-Bit 16MHz 8KB (8K x 8 + 256B) FLASH 64-VQFN (9x9)

This model MSP430F233TRGCT is available at DiGi Electronics.

DiGi Electronics offers a global database of semiconductor and electronic component datasheets.

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

 [Request a Quote](#)

 [Datasheet Search](#)



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.

## Purchase and inquiry

### Manufacturer Product Number:

MSP430F233TRGCT

### Series:

MSP430F2xx

### Part Status:

Active

### Core Processor:

MSP430 CPU16

### Speed:

16MHz

### 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:

64-VFQFN Exposed Pad

### Manufacturer:

Texas Instruments

### Packaging:

Tape & Reel (TR)

### DiGi-Electronics Programmable:

Not Verified

### Core Size:

16-Bit

### Connectivity:

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

### Number of I/O:

48

### Program Memory Type:

FLASH

### RAM Size:

1K x 8

### Data Converters:

A/D 8x12b

### Operating Temperature:

-40°C ~ 105°C (TA)

### Supplier Device Package:

64-VQFN (9x9)

### Base Product Number:

MSP430F233

## Environmental & Export classification

### RoHS Status:

ROHS3 Compliant

### REACH Status:

REACH Unaffected

### HTSUS:

8542.31.0020

### Moisture Sensitivity Level (MSL):

3 (168 Hours)

### ECCN:

EAR99

## OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we stricly control the quality of products and services. Welcome your RFQ to

Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.