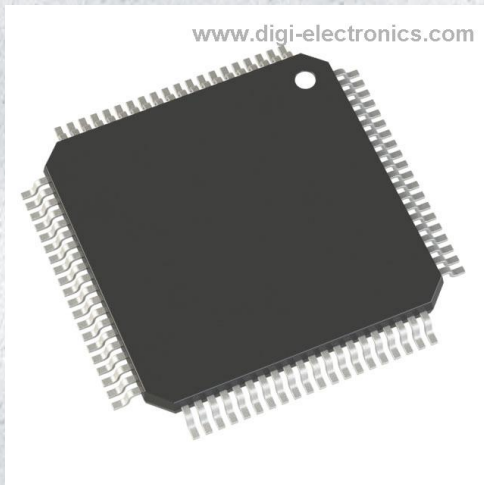


DSPIC30F6013AT-20E/PT Datasheet



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

DiGi Electronics Part Number	DSPIC30F6013AT-20E/PT-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	DSPIC30F6013AT-20E/PT
Description	IC MCU 16BIT 132KB FLASH 80TQFP
Detailed Description	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 132KB (44K x 24) FLASH 80-TQFP (12x12)

This model DSPIC30F6013AT-20E/PT is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

DSPIC30F6013AT-20E/PT

Series:

dsPIC™ 30F

Part Status:

Obsolete

Core Processor:

dsPIC

Speed:

20 MIPS

Peripherals:

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

Program Memory Size:

132KB (44K x 24)

EEPROM Size:

2K x 8

Voltage - Supply (Vcc/Vdd):

2.5V ~ 5.5V

Oscillator Type:

Internal

Mounting Type:

Surface Mount

Package / Case:

80-TQFP

Manufacturer:

Microchip Technology

Packaging:

Tape & Reel (TR)

DiGi-Electronics Programmable:

Not Verified

Core Size:

16-Bit

Connectivity:

CANbus, I2C, SPI, UART/USART

Number of I/O:

68

Program Memory Type:

FLASH

RAM Size:

6K x 8

Data Converters:

A/D 16x12b

Operating Temperature:

-40°C ~ 125°C (TA)

Supplier Device Package:

80-TQFP (12x12)

Base Product Number:

DSPIC30F6013

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.31.0020

Moisture Sensitivity Level (MSL):

4 (72 Hours)

ECCN:

3A991A2

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