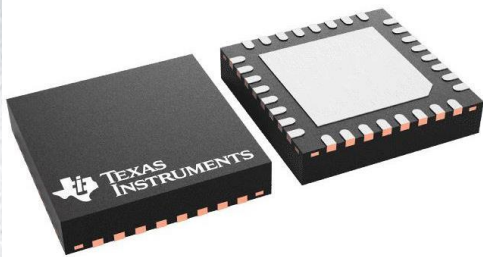


LM3S328-EQN25-C2T Datasheet

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DiGi Electronics Part Number	LM3S328-EQN25-C2T-DG
Manufacturer	Texas Instruments
Manufacturer Product Number	LM3S328-EQN25-C2T
Description	IC MCU 32BIT 16KB FLASH 48LQFP
Detailed Description	ARM® Cortex®-M3 Stellaris® ARM® Cortex®-M3S 300 M icrocontroller IC 32-Bit Single-Core 25MHz 16KB (16 K x 8) FLASH 48-LQFP (7x7)

This model LM3S328-EQN25-C2T is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

LM3S328-EQN25-C2T

Series:

Stellaris® ARM® Cortex®-M3S 300

DiGi-Electronics Programmable:

Not Verified

Core Size:

32-Bit Single-Core

Connectivity:

I2C, Microwire, SPI, SSI, UART/USART

Number of I/O:

28

Program Memory Type:

FLASH

RAM Size:

4K x 8

Data Converters:

A/D 8x10b

Operating Temperature:

-40°C ~ 105°C (TA)

Supplier Device Package:

48-LQFP (7x7)

Base Product Number:

LM3S328

Manufacturer:

Texas Instruments

Product Status:

Obsolete

Core Processor:

ARM® Cortex®-M3

Speed:

25MHz

Peripherals:

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

Program Memory Size:

16KB (16K x 8)

EEPROM Size:

-

Voltage - Supply (Vcc/Vdd):

3V ~ 3.6V

Oscillator Type:

Internal

Mounting Type:

Surface Mount

Package / Case:

48-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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