

LM3S5B91-IQC80-C5T Datasheet

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DiGi Electronics Part Number	LM3S5B91-IQC80-C5T-DG
Manufacturer	Texas Instruments
Manufacturer Product Number	LM3S5B91-IQC80-C5T
Description	IC MCU 32BIT 256KB FLASH 100LQFP
Detailed Description	ARM® Cortex®-M3 Stellaris® ARM® Cortex®-M3S 5000 Microcontroller IC 32-Bit Single-Core 80MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)

This model LM3S5B91-IQC80-C5T is available at DiGi Electronics.

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Manufacturer Product Number:

LM3S5B91-IQC80-C5T

Series:

Stellaris® ARM® Cortex®-M3S 5000

DiGi-Electronics Programmable:

Not Verified

Core Size:

32-Bit Single-Core

Connectivity:

CANbus, EBI/EMI, I2C, IrDA, LINbus, Microwire, QEI, SPI, SSI, UART/USART, USB, CAN Detect/Reset, DMA, I2S, POR, PWM, WDT

Number of I/O:

72

Program Memory Type:

FLASH

RAM Size:

96K x 8

Data Converters:

A/D 16x10b

Operating Temperature:

-40°C ~ 85°C (TA)

Supplier Device Package:

100-LQFP (14x14)

Base Product Number:

LM3S5B91

Manufacturer:

Texas Instruments

Product Status:

Obsolete

Core Processor:

ARM® Cortex®-M3

Speed:

80MHz

Peripherals:

USB, CAN Detect/Reset, DMA, I2S, POR, PWM, WDT

Program Memory Size:

256KB (256K x 8)

EEPROM Size:

-

Voltage - Supply (Vcc/Vdd):

1.08V ~ 1.32V

Oscillator Type:

Internal

Mounting Type:

Surface Mount

Package / Case:

100-LQFP

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.31.0001

Moisture Sensitivity Level (MSL):

3 (168 Hours)

ECCN:

3A991A2

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