



Image may be representation. See specifications for product details.

### STM32F051C4T6

Part Number:

Manufacturer/Brand:

Product description

Datasheets:

RoHs Status Ship From Shipment Way STM32F051C4T6

STMicroelectronics

IC MCU 32BIT 16KB FLASH 48LQFP

1.STM32F051C4T6.pdf 2.STM32F051C4T6.pdf

3.STM32F051C4T6.pdf

4.STM32F051C4T6.pdf 5.STM32F051C4T6.pdf

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**REQUEST FOR QUOTATION** 

	Specifications of STM32F051C4T6
PART NUMBER	STM32F051C4T6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 16KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32F051C4T6.pdf 2.STM32F051C4T6.pdf 3.STM32F051C4T6.pdf 4.STM32F051C4T6.pdf 5.STM32F051C4T6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-LQFP (7x7)
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	DMA, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-LQFP
OTHER NAMES	497-12947
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	39
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 48-LQFP (7x7)
DATA CONVERTERS	A/D 13x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	HDMI-CEC, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART

# **Related Tags**

STM32F051

STMicroelectronics STM32F051C4T6	STM32F051C4T6 Distributor	STM32F051C4T6 Supplier
STM32F051C4T6 Price	STM32F051C4T6 Pictures	STM32F051C4T6 Image
STITISZI OSTCTTOTTICC	31132103101101100000	3111321 0312 110 Image
STM32F051C4T6 PDF Datasheet	STM32F051C4T6 Download Datasheet	STM32F051C4T6 Datasheet
STM32F051C4T6 Stock	Buy STM32F051C4T6	Buy STMicroelectronics STM32F051C4T6
STMicroelectronics STM32F051C4T6	STMicroelectronics Supplier	STMicroelectronics Distributor
STMicroelectronics STM32F051C4T6		

# **Related Products**



BASE PART NUMBER

#### **STM32F051C6T6TR** Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 32KB FLASH 48LQFP

In stock: Out stock

**RFQ** 



### **STM32F051C4T6TR**

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 48LQFP

In stock: Out stock **RFQ** 



# STM32F050C4T6A

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 16KB FLASH 48LQFP In stock: 238 pcs

**RFQ** 



### STM32F050C6T6A

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: Out stock

**RFQ** 



#### STM32F051C6T6 Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: 844 pcs

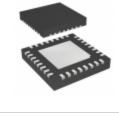
**RFQ** 



### STM32F050F6P7 Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 32KB FLASH 20TSSOP In stock: Out stock

**RFQ** 

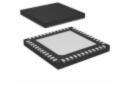


### STM32F050K4U6A Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 16KB FLASH 32UFQFPN

In stock: Out stock

**RFQ** 



#### STM32F051C4U6 Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 16KB FLASH 48QFPN In stock: Out stock

**RFQ** 





#### STM32F051C6T7 Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: Out stock

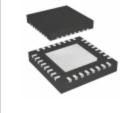
**RFQ** 



### **STM32F048T6Y6TR**

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 36WLCSP

In stock: Out stock **RFQ** 

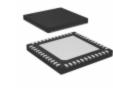


# STM32F050K6U6A

Manufacturers: STMicroelectronics

In stock: Out stock **RFQ** 

Description: IC MCU 32BIT 32KB FLASH 32UFQFPN



STM32F051C6U6 Manufacturers: STMicroelectronics

In stock: Out stock **RFQ** 

Description: IC MCU 32BIT 32KB FLASH 48QFPN









