









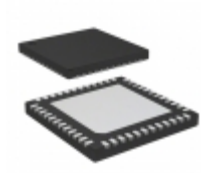


 life.augmented	<h2>STM32F051C8T6TR</h2>
	<p><b>Manufacturer Part Number:</b> STM32F051C8T6TR</p> <p><b>Manufacturer/Brand:</b> STMicroelectronics</p> <p><b>Part of Description:</b> IC MCU 32BIT 64KB FLASH 48LQFP</p> <p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li> 1.STM32F051C8T6TR.pdf</li> <li> 2.STM32F051C8T6TR.pdf</li> <li> 3.STM32F051C8T6TR.pdf</li> <li> 4.STM32F051C8T6TR.pdf</li> </ul> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> <sup>Compliant</sup> New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	STM32F051C8T6TR
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 64KB FLASH 48LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	STM32 F0
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	48-LQFP
Supplier Device Package	48-LQFP (7x7)
Peripherals	DMA, I <sup>2</sup> S, POR, PWM, WDT
Core Processor	ARM® Cortex®-M0
Speed	48MHz
Number of I/O	39
EEPROM Size	-
RAM Size	8K x 8
Core Size	32-Bit
Connectivity	HDMI-CEC, I <sup>2</sup> C, IrDA, LIN, SPI, UART/USART
Program Memory Size	64KB (64K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	2 V ~ 3.6 V
Data Converters	A/D 13x12b, D/A 1x12b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)

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