




STMicroelectronics



STM32F051R8T7

Part Number:	STM32F051R8T7
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 64KB FLASH 64LQFP
	<a href="#">1.STM32F051R8T7.pdf</a>
	<a href="#">2.STM32F051R8T7.pdf</a>
	<a href="#">3.STM32F051R8T7.pdf</a>
	<a href="#">4.STM32F051R8T7.pdf</a>
	<a href="#">5.STM32F051R8T7.pdf</a>
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of STM32F051R8T7

PART NUMBER	STM32F051R8T7
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.STM32F051R8T7.pdf</a> <a href="#">2.STM32F051R8T7.pdf</a> <a href="#">3.STM32F051R8T7.pdf</a> <a href="#">4.STM32F051R8T7.pdf</a> <a href="#">5.STM32F051R8T7.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	55
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 64KB (64K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 19x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	STM32F051

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