STMicroelectronics

STM32F051R8T6

Part Number:	STM32F051R8T6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 64KB FLASH 64LQFP
Datasheets:	1.STM32F051R8T6.pdf
	2.STM32F051R8T6.pdf
	3.STM32F051R8T6.pdf
	4.STM32F051R8T6.pdf
	5.STM32F051R8T6.pdf
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 STM32F051R8T6

PART NUMBER	STM32F051R8T6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32F051R8T6.pdf
	2.STM32F051R8T6.pdf
	3.STM32F051R8T6.pdf
	4.STM32F051R8T6.pdf
	5.STM32F051R8T6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	497-12891
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°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
DATA CONVERTERS	A/D 19x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	STM32F051

Related Tags

STMicroelectronics STM32F051R8T6	STM32F051R8T6 Distributor	STM32F051R8T6 Supplier
STM32F051R8T6 Price	STM32F051R8T6 Pictures	STM32F051R8T6 Image
STM32F051R8T6 PDF Datasheet	STM32F051R8T6 Download Datasheet	STM32F051R8T6 Datasheet
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Related Products

STM32F051R8H7TR
Manufacturers: STMicroelectronics
Description: UFBGA 5X5X0.6 64L P
In stock: Out stock
RFQ

STM32F051R8H7
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64UFBGA
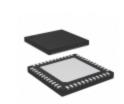In stock: Out stock
RFQ

STM32F051R6T7TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 64LQFP
In stock: Out stock
RFQ

STM32F052B-DISCO
Manufacturers: STMicroelectronics
Description: BOARD DISCO STM32F052B
In stock: Out stock
RFQ

STM32F058C8U6
Manufacturers: STMicroelectronics
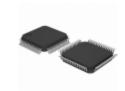Description: IC MCU 32BIT 64KB FLASH 48QFPN
In stock: Out stock
RFQ

STM32F051R8H6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64BGA
In stock: Out stock
RFQ

STM32F051R8T6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: Out stock
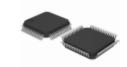**RFQ**

STM32F051T8Y6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 36WLCSP
In stock: Out stock
RFQ

STM32F051R8H6TR
Manufacturers: STMicroelectronics
Description: UFBGA 5X5X0.6 64L P
In stock: Out stock
RFQ

STM32F051R8T7TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: Out stock
RFQ

STM32F051R6T6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 64LQFP
In stock: Out stock
RFQ

STM32F051R8T7
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: Out stock
RFQ

ISO 9001:2008 CERTIFIED | CNAS | IAF | UL | Pb lead-free | ✅ RoHS