

STMicroelectronics

STM32F051R8H6

Part Number:

Manufacturer/Brand:

Product description

Datasheets:

RoHs Status Ship From Shipment Way STM32F051R8H6

STMicroelectronics

IC MCU 32BIT 64KB FLASH 64BGA

1.STM32F051R8H6.pdf 2.STM32F051R8H6.pdf

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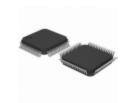
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	Specifications of STM32F051R8H6
PART NUMBER	STM32F051R8H6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32F051R8H6.pdf 2.STM32F051R8H6.pdf 3.STM32F051R8H6.pdf 4.STM32F051R8H6.pdf 5.STM32F051R8H6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-UFBGA (5x5)
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, I ² S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-UFBGA
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 64-UFBGA (5x5)
DATA CONVERTERS	A/D 19x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART

Related Tags

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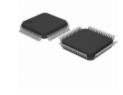


STM32F051R6T7TR

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: Out stock

RFQ



STM32F051R6T6TR

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: Out stock

RFQ

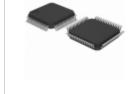


STM32F051R4T6

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 64LQFP

In stock: 673 pcs

RFQ



STM32F051R8T6

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 64LQFP

In stock: 125 pcs

RFQ

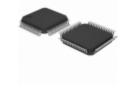


STM32F051R8H6TR

Manufacturers: STMicroelectronics Description: UFBGA 5X5X0.6 64L P

In stock: Out stock

RFQ



STM32F051R8T7 Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 64KB FLASH 64LQFP

RFQ

In stock: Out stock



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

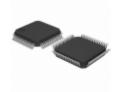
RFQ



Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 64KB FLASH 64UFBGA In stock: Out stock

RFQ



STM32F051R4T6TR Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 16KB FLASH 64LQFP In stock: 538 pcs

RFQ



STM32F051R8T6TR

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 64LQFP

In stock: Out stock **RFQ**

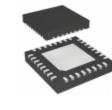
STM32F051K8U7TR



STM32F051R8H7TR Manufacturers: STMicroelectronics

Description: UFBGA 5X5X0.6 64L P In stock: Out stock

RFQ



Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 64KB FLASH 32UFQFPN In stock: Out stock

RFQ













