




STMicroelectronics



STM32F051R8H6

Part Number:	STM32F051R8H6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 64KB FLASH 64BGA
	1.STM32F051R8H6.pdf
	2.STM32F051R8H6.pdf
	3.STM32F051R8H6.pdf
	4.STM32F051R8H6.pdf
	5.STM32F051R8H6.pdf
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 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

STMicroelectronics STM32F051R8H6	STM32F051R8H6 Distributor	STM32F051R8H6 Supplier
STM32F051R8H6 Price	STM32F051R8H6 Pictures	STM32F051R8H6 Image
STM32F051R8H6 PDF Datasheet	STM32F051R8H6 Download Datasheet	STM32F051R8H6 Datasheet
STM32F051R8H6 Stock	Buy STM32F051R8H6	Buy STMicroelectronics STM32F051R8H6
STMicroelectronics STM32F051R8H6	STMicroelectronics Supplier	STMicroelectronics Distributor
STMicroelectronics STM32F051R8H6		

Related Products

 <div>STM32F051R6T7TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: Out stock RFQ</div>	 <div>STM32F051R6T6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: Out stock RFQ</div>
 <div>STM32F051R4T6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 64LQFP In stock: 673 pcs RFQ</div>	 <div>STM32F051R8T6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 125 pcs RFQ</div>
 <div>STM32F051R8H6TR Manufacturers: STMicroelectronics Description: UFBGA 5X5X0.6 64L P In stock: Out stock RFQ</div>	 <div>STM32F051R8T7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: Out stock RFQ</div>
 <div>STM32F051R6T6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: Out stock RFQ</div>	 <div>STM32F051R8H7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 64UFBGA In stock: Out stock RFQ</div>
 <div>STM32F051R4T6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 64LQFP In stock: 538 pcs RFQ</div>	 <div>STM32F051R8T6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: Out stock RFQ</div>
 <div>STM32F051R8H7TR Manufacturers: STMicroelectronics Description: UFBGA 5X5X0.6 64L P In stock: Out stock RFQ</div>	 <div>STM32F051K8U7TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 32UFQFPN In stock: Out stock RFQ</div>