

**STMicroelectronics** 

**STM32F100R8H6B** 

Part Number: Manufacturer/Brand:

Product description Datasheets:

RoHs Status Stock Condition

Ship From Shipment Way STM32F100R8H6B

STMicroelectronics

IC MCU 32BIT 64KB FLASH 64BGA

STM32F100R8H6B.pdf Lead free / RoHS Compliant

20370 pcs stock Hong Kong

DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION** 

Image may be representation. See specifications for product details.

	Specifications of STM32F100R8H6B	
PART NUMBER	STM32F100R8H6B	
MANUFACTURER	STMicroelectronics	
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64BGA	
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant	
QUANTITY AVAILABLE	20370 pcs	
DATA SHEET	STM32F100R8H6B.pdf	
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V	
SUPPLIER DEVICE PACKAGE	64-BGA (5x5)	
SPEED	24MHz	
SERIES	STM32F1	
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-TFBGA	
OTHER NAMES	497-11497 STM32F100R8H6B-ND	
OSCILLATOR TYPE	Internal	
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)	
NUMBER OF I/O	51	
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)	
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant	
EEPROM SIZE	-	
DETAILED DESCRIPTION	ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 24MHz 64KB (64K x 8) FLASH 64-BGA (5x5)	
DATA CONVERTERS	A/D 16x12b; D/A 2x12b	
CORE SIZE	32-Bit	
CORE PROCESSOR	ARM® Cortex®-M3	
CONNECTIVITY	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART	
BASE PART NUMBER	STM32F100	

## **Related Tags**

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STMicroelectronics STM32F100R8H6B

# STM32F100R4T6BTR

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

In stock: 44713 pcs

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## **STM32F100R8T6B**

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

In stock: 24912 pcs **RFQ** 



#### **STM32F100R8H7B** Manufacturers: STMicroelectronics

Description: TFBGA 5X5X1.2 64 F8X

In stock: 42100 pcs

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## STM32F100R4T6B

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

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# STM32F100R8T7BTR

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

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## STM32F100R4H6B

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#### STM32F100R6T6BTR Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: 49563 pcs

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## **STM32F100RBH6B**

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 64TFBGA

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## Manufacturers: STMicroelectronics

**STM32F100R8T7B** 

Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 19399 pcs

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## Manufacturers: STMicroelectronics

**STM32F100R6T6B** 

Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: 24355 pcs

**RFQ** 





#### **STM32F100R6H6B** Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 32KB FLASH 64TFBGA In stock: 50427 pcs

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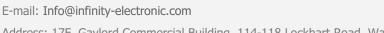
## STM32F100R8T6BTR

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 64KB FLASH 64LQFP

In stock: 19897 pcs **RFQ** 





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