STMicroelectronics

STM32F100R8H6B

Part Number:	STM32F100R8H6B
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 64KB FLASH 64BGA
Datasheets:	📄 STM32F100R8H6B.pdf
RoHs Status	✅ Lead free / RoHS Compliant
Stock Condition	20370 pcs stock
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 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	I²C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	STM32F100

Related Tags

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Related Products

STM32F100R4T6BTR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 64LQFP
In stock: 44713 pcs
RFQ

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
RFQ

STM32F100R4T6B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 64LQFP
In stock: 28089 pcs
RFQ

STM32F100R8T7BTR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: 37626 pcs
RFQ

STM32F100R4H6B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 64BGA
In stock: 50140 pcs
RFQ

STM32F100R6T6BTR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 64LQFP
In stock: 49563 pcs
RFQ

STM32F100RBH6B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 64TFBGA
In stock: 22210 pcs
RFQ

STM32F100R8T7B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: 19399 pcs
RFQ

STM32F100R6T6B
Manufacturers: STMicroelectronics
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
RFQ

STM32F100R8T6BTR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: 19897 pcs
RFQ