STMicroelectronics

STM32F103R8H6

Part Number:	STM32F103R8H6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 64KB FLASH 64TFBGA
Datasheets:	STM32F103R8H6.pdf
RoHS Status	Lead free / RoHS Compliant
Stock Condition	37849 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 STM32F103R8H6

PART NUMBER	STM32F103R8H6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	37849 pcs
DATA SHEET	STM32F103R8H6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-BGA (5x5)
SPEED	72MHz
SERIES	STM32F1
RAM SIZE	20K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, Motor Control PWM, PDR, POR, PVD, PWM, Temp Sensor, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TFBGA
OTHER NAMES	497-11523 STM32F103R8H6-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 72MHz 64KB (64K x 8) FLASH 64-BGA (5x5)
DATA CONVERTERS	A/D 16x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, SPI, UART/USART, USB
BASE PART NUMBER	STM32F103

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STM32F103R8H6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64TFBGA
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STM32F103R8H7
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64TFBGA
In stock: 35119 pcs
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STM32F103R6T6A
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 64LQFP
In stock: 22502 pcs
RFQ

STM32F103R8T7
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: 17403 pcs
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STM32F103R6T6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 64LQFP
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STM32F103R8T7TR
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Description: IC MCU 32BIT 64KB FLASH 64LQFP
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Description: IC MCU 32BIT 16KB FLASH 64LQFP
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Description: IC MCU 32BIT 32KB FLASH 64TFBGA
In stock: 39388 pcs
RFQ

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Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: 31189 pcs
RFQ

STM32F103R6T6ATR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 64LQFP
In stock: 37483 pcs
RFQ

STM32F103R8T6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: 20232 pcs
RFQ

STM32F103R6T7A
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 64LQFP
In stock: 17555 pcs
RFQ