STMicroelectronics

STM32F103R6H6A

Part Number:	STM32F103R6H6A
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 32KB FLASH 64TFBGA
Datasheets:	STM32F103R6H6A.pdf
RoHs Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

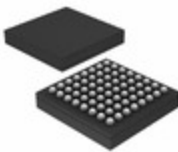Image may be representation. See specifications for product details.
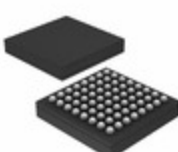
Specifications of STM32F103R6H6A

PART NUMBER	STM32F103R6H6A
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 32KB FLASH 64TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	STM32F103R6H6A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-BGA (5x5)
SPEED	72MHz
SERIES	STM32F1
RAM SIZE	10K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	DMA, Motor Control PWM, PDR, POR, PVD, PWM, Temp Sensor, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TFBGA
OTHER NAMES	497-11520 STM32F103R6H6A-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	51
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®-M3 STM32F1 Microcontroller IC 32-Bit 72MHz 32KB (32K 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

Related Tags

STMicroelectronics STM32F103R6H6A	STM32F103R6H6A Distributor	STM32F103R6H6A Supplier
STM32F103R6H6A Price	STM32F103R6H6A Pictures	STM32F103R6H6A Image
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Related Products

STM32F103R8H6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64TFBGA
In stock: Out stock
RFQ

STM32F103CBT7TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F103R6T6A
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 64LQFP
In stock: Out stock
RFQ

STM32F103CBU6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 48QFPN
In stock: Out stock
RFQ

STM32F103R4T6A
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 64LQFP
In stock: 57 pcs
RFQ

STM32F103CBT7
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F103R8H6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64TFBGA
In stock: Out stock
RFQ

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

STM32F103R4H6A
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 64TFBGA
In stock: Out stock
RFQ

STM32F103CBU6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 48QFPN
In stock: 373 pcs
RFQ

STM32F103R6T6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 64LQFP
In stock: Out stock
RFQ

STM32F103R6T7A
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 64LQFP
In stock: 21 pcs
RFQ