STMicroelectronics

Image may be representation. See specifications for product details.

STM32F103R8T7

Part Number:	STM32F103R8T7
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 64KB FLASH 64LQFP
Datasheets:	STM32F103R8T7.pdf
RoHs Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32F103R8T7

PART NUMBER	STM32F103R8T7
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	STM32F103R8T7.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
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-LQFP
OTHER NAMES	497-11524 STM32F103R8T7-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°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 64KB (64K x 8) FLASH 64-LQFP (10x10)
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

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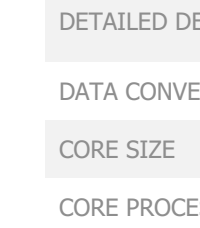
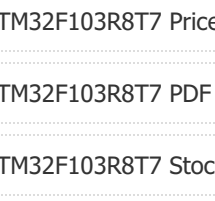


STM32F103R8H7
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64TFBGA
In stock: Out stock
RFQ

STM32F103RBH7
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 64TFBGA
In stock: Out stock
RFQ

STM32F103RBT6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 64LQFP
In stock: Out stock
RFQ

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



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

STM32F103RBH6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 64TFBGA
In stock: Out stock
RFQ

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

STM32F103RBH6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 64TFBGA
In stock: Out stock
RFQ

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

STM32F103R8T7TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: Out stock
RFQ

STM32F103R8T6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: Out stock
RFQ

STM32F103RBT6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 64LQFP
In stock: Out stock
RFQ

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