STMicroelectronics

STM32F058R8H6

Part Number:	STM32F058R8H6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 64KB FLASH 64BGA
Datasheets:	📄 STM32F058R8H6.pdf
RoHs Status	✅ Lead free / RoHS Compliant
Stock Condition	77209 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 STM32F058R8H6

PART NUMBER	STM32F058R8H6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	77209 pcs
DATA SHEET	📄 STM32F058R8H6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-UFBGA (5x5)
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-UFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	54
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 64-UFBGA (5x5)
DATA CONVERTERS	A/D 19x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART

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STM32F070C6T6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 48LQFP
In stock: 44268 pcs
RFQ

STM32F051R8T6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: 57019 pcs
RFQ

STM32F058C8U6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 48QFPN
In stock: 76849 pcs
RFQ

STM32F058R8H6TR
Manufacturers: STMicroelectronics
Description: UFBGA 5X5X0.6 64L P
In stock: 72294 pcs
RFQ

STM32F051R8T7
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: 44395 pcs
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STM32F051T8Y6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 36WLCSP
In stock: 73482 pcs
RFQ

STM32F058T8Y6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 36WLCSP
In stock: 80438 pcs
RFQ

STM32F058R8T6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: 57150 pcs
RFQ

STM32F058R8H7TR
Manufacturers: STMicroelectronics
Description: UFBGA 5X5X0.6 64L P
In stock: 68293 pcs
RFQ

STM32F051R8T7TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: 60949 pcs
RFQ

STM32F058R8H7
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64UFBGA
In stock: 79765 pcs
RFQ

STM32F052B-DISCO
Manufacturers: STMicroelectronics
Description: BOARD DISCO STM32F052B
In stock: 5017 pcs
RFQ