

**STMicroelectronics** 

#### STM32F058R8H6

Part Number:

Manufacturer/Brand: Product description

Datasheets: RoHs Status

Ship From Shipment Way STM32F058R8H6

STMicroelectronics

IC MCU 32BIT 64KB FLASH 64BGA

ocean-components.com

STM32F058R8H6.pdf

Lead free / RoHS Compliant Hong Kong

DHL/Fedex/TNT/UPS/EMS



**REQUEST FOR QUOTATION** 

Image may be representation. See specifications for product details.

PART NUMBER	STM32F058R8H6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
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, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-UFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	54

3 (168 Hours)

10 Weeks

(5x5)

Specifications of STM32F058R8H6

**EEPROM SIZE** 

DETAILED DESCRIPTION

DATA CONVERTERS

MOISTURE SENSITIVITY LEVEL (MSL)

LEAD FREE STATUS / ROHS STATUS

MANUFACTURER STANDARD LEAD TIME

32-Bit CORE SIZE ARM® Cortex®-M0

**CORE PROCESSOR** 

CONNECTIVITY

HDMI-CEC, I2C, IrDA, LINbus, SPI, UART/USART

# **Related Tags**

A/D 19x12b, D/A 1x12b

STMicroelectronics STM32F058R8H6	STM32F058R8H6 Distributor	STM32F058R8H6 Supplier
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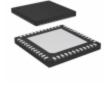
### **STM32F051R8T7TR**

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 64KB FLASH 64LQFP

In stock: Out stock

**RFQ** 



### STM32F058C8U6

ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 64-UFBGA

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 64KB FLASH 48QFPN In stock: Out stock

**RFQ** 

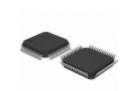


### STM32F052B-DISCO

Manufacturers: STMicroelectronics Description: BOARD DISCO STM32F052B

In stock: Out stock

**RFQ** 



## STM32F058R8T6

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: Out stock

**RFQ** 



### **STM32F058R8H7TR**

Manufacturers: STMicroelectronics Description: UFBGA 5X5X0.6 64L P

In stock: Out stock

**RFQ** 

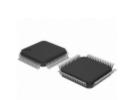


## STM32F051R8T7

Manufacturers: STMicroelectronics

Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: Out stock

**RFQ** 



### **STM32F051R8T6TR**

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 64LQFP

In stock: Out stock

RFQ



### **STM32F051T8Y6TR**

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 36WLCSP

In stock: Out stock

RFQ



### **STM32F058R8H6TR**

Manufacturers: STMicroelectronics Description: UFBGA 5X5X0.6 64L P

In stock: Out stock

**RFQ** 



### **STM32F058T8Y6TR**

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 36WLCSP

In stock: Out stock

**RFQ** 



#### STM32F058R8H7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 64UFBGA

In stock: Out stock

**RFQ** 



### STM32F070C6T6

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: 115 pcs

**RFQ** 















