

| life, augmented | STMicroelectronics |
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| | augmented |

STM32F058T8Y6TR

| art Number: | STM32F058T8Y6TR |
|--------------------|---------------------------------|
| anufacturer/Brand: | STMicroelectronics |
| oduct description | IC MCU 32BIT 64KB FLASH 36WLCSP |
| atasheets: | 5TM32F058T8Y6TR.pdf |
| oHs Status | Lead free / RoHS Compliant |
| nip From | Hong Kong |
| nipment Way | DHL/Fedex/TNT/UPS/EMS |
| | |

REQUEST FOR QUOTATION

Specifications of STM32F058T8Y6TR

Image may be representation. See specifications for product details.

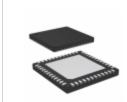
| PART NUMBER | STM32F058T8Y6TR |
|----------------------------------|--------------------------------------|
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | IC MCU 32BIT 64KB FLASH 36WLCSP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | EFF STM32F058T8Y6TR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.65 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 36-WLCSP |
| SPEED | 48MHz |
| SERIES | STM32F0 |
| RAM SIZE | 8K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 64KB (64K x 8) |
| PERIPHERALS | DMA, I ² S, POR, PWM, WDT |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 36-UFBGA, WLCSP |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 28 |
| 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®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 36-WLCSP |
| DATA CONVERTERS | A/D 13x12b, D/A 1x12b |
| CORE SIZE | 32-Bit |
| CORE PROCESSOR | ARM® Cortex®-M0 |
| CONNECTIVITY | HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART |
| | |

Related Tags

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Related Products



STM32F058C8U6

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

RFQ



STM32F058R8H7

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 64UFBGA In stock: Out stock

RFQ

STM32F070C6T6TR

In stock: Out stock

Manufacturers: STMicroelectronics

Description: LQFP 48 7X7X1.4 1



STM32F070CBT6

STM32F058R8T6

In stock: Out stock

RFQ

Manufacturers: STMicroelectronics

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

Description: IC MCU 32BIT 64KB FLASH 64LQFP

RFQ

STM32F070F6P6

Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 20TSSOP In stock: Out stock

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life.augmented

STM32F058R8H6TR

RFQ

RFQ

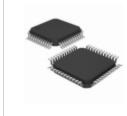
Manufacturers: STMicroelectronics Description: UFBGA 5X5X0.6 64L P In stock: Out stock



STM32F070CBT6TR

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

RFQ



STM32F070C6T6

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

RFQ

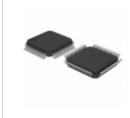


STM32F058R8H7TR

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

RFQ

STM32F058R8H6



STM32F070RBT6

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

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Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 64BGA In stock: Out stock

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