STMicroelectronics

Image may be representation. See specifications for product details.

# STM8S007C8T6

| | |
|---|---|
| Part Number: | STM8S007C8T6 |
| Manufacturer/Brand: | STMicroelectronics |
| Product description | IC MCU 8BIT 64KB FLASH 48LQFP |
| Datasheets: | STM8S007C8T6.pdf |
| RoHs Status | Lead free / RoHS Compliant |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

**REQUEST FOR QUOTATION**

## Specifications of STM8S007C8T6

| | |
|---|---|
| PART NUMBER | STM8S007C8T6 |
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | IC MCU 8BIT 64KB FLASH 48LQFP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | STM8S007C8T6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 2.95 V ~ 5.5 V |
| SPEED | 24MHz |
| SERIES | STM8S |
| RAM SIZE | 6K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 64KB (64K x 8) |
| PERIPHERALS | Brown-out Detect/Reset, POR, PWM, WDT |
| PACKAGING | Tray |
| PACKAGE / CASE | 48-LQFP |
| OTHER NAMES | 497-17836<br>STM8S007C8T6-ND |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 38 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| MANUFACTURER STANDARD LEAD TIME | 35 Weeks |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| EEPROM SIZE | 128 x 8 |
| DETAILED DESCRIPTION | STM8 STM8S Microcontroller IC 8-Bit 24MHz 64KB (64K x 8) FLASH |
| DATA CONVERTERS | A/D 16x10b |
| CORE SIZE | 8-Bit |
| CORE PROCESSOR | STM8 |
| CONNECTIVITY | I²C, IrDA, LINbus, SPI, UART/USART |
| BASE PART NUMBER | STM8S007 |

## Related Tags

| | | |
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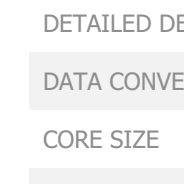

**STM8S103F2P3TR**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 4KB FLASH 20TSSOP
In stock: Out stock
RFQ



**STM8S005C6T6TR**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 32KB FLASH 48LQFP
In stock: Out stock
RFQ



**STM8S007C8T6TR**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 64KB FLASH 48LQFP
In stock: Out stock
RFQ



**STM8S103F2P6**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 4KB FLASH 20TSSOP
In stock: Out stock
RFQ

**STM8S003K3T6C**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 8KB FLASH 32LQFP
In stock: Out stock
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**STM8S005C6T6**
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In stock: Out stock
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Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 4KB FLASH 20SO
In stock: Out stock
RFQ

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Manufacturers: STMicroelectronics
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Description: IC MCU 8BIT 8KB FLASH 32LQFP
In stock: Out stock
RFQ

**STM8S005K6T6CTR**
Manufacturers: STMicroelectronics
Description: IC MCU 8BIT 32KB FLASH 32LQFP
In stock: Out stock
RFQ

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