



Image may be representation. See specifications for product details.

STM8S903F3U6TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8S903F3U6TR                                                                                               |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 8BIT 8KB FLASH 20UFQFPN                                                                               |
| Datasheets:         |  STM8S903F3U6TR.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 175667 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

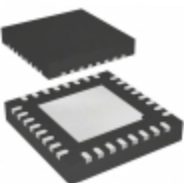
Specifications of STM8S903F3U6TR

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8S903F3U6TR                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 20UFQFPN                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 175667 pcs                                                                                             |
| DATA SHEET                       |  STM8S903F3U6TR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.95 V ~ 5.5 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 20-UFQFPN (3x3)                                                                                        |
| SPEED                            | 16MHz                                                                                                  |
| SERIES                           | STM8S                                                                                                  |
| RAM SIZE                         | 1K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                   | 20-UFQFN                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                      |
| NUMBER OF I/O                    | 16                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | 640 x 8                                                                                                |
| DETAILED DESCRIPTION             | STM8 STM8S Microcontroller IC 8-Bit 16MHz 8KB (8K x 8) FLASH 20-UFQFPN (3x3)                           |
| DATA CONVERTERS                  | A/D 5x10b                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                  |
| CORE PROCESSOR                   | STM8                                                                                                   |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                     |
| BASE PART NUMBER                 | STM8S903                                                                                               |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM8S903K3T3CTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 32 7X7X1.4 1<br/>In stock: 108893 pcs<br/><b>RFQ</b></div>            |  <div><b>STM8S903K3U3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 32UFQFPN<br/>In stock: 49699 pcs<br/><b>RFQ</b></div>   |
|  <div><b>STM8S903F3P6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 139204 pcs<br/><b>RFQ</b></div>   |  <div><b>STM8S903F3P3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 142549 pcs<br/><b>RFQ</b></div>   |
|  <div><b>STM8S903K3T6C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: 66817 pcs<br/><b>RFQ</b></div>    |  <div><b>STM8S903K3T6CTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: 164358 pcs<br/><b>RFQ</b></div> |
|  <div><b>STM8S903F3P6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 153826 pcs<br/><b>RFQ</b></div> |  <div><b>STM8S903K3B6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 32SDIP<br/>In stock: 49376 pcs<br/><b>RFQ</b></div>     |
|  <div><b>STM8S903F3M6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br/>In stock: 142176 pcs<br/><b>RFQ</b></div>    |  <div><b>STM8S903F3M6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br/>In stock: 131397 pcs<br/><b>RFQ</b></div>  |
|  <div><b>STM8S903F3U3TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20VFQFN<br/>In stock: 143688 pcs<br/><b>RFQ</b></div> |  <div><b>STM8S903K3T3C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: 132315 pcs<br/><b>RFQ</b></div>   |