




STM8S903F3P6

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| Part Number: | STM8S903F3P6 |
| Manufacturer/Brand: | STMicroelectronics |
| Product description: | IC MCU 8BIT 8KB FLASH 20TSSOP |
| Datasheets: | PDF STM8S903F3P6.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

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Image may be representation. See specifications for product details.


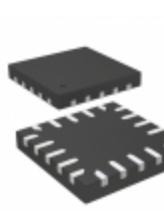










Specifications of STM8S903F3P6

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|----------------------------------|---|
| PART NUMBER | STM8S903F3P6 |
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | IC MCU 8BIT 8KB FLASH 20TSSOP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF STM8S903F3P6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 2.95 V ~ 5.5 V |
| SUPPLIER DEVICE PACKAGE | 20-TSSOP |
| 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 | Tube |
| PACKAGE / CASE | 20-TSSOP (0.173", 4.40mm Width) |
| OTHER NAMES | 497-11596 STM8S903F3P6-ND |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 16 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| MANUFACTURER STANDARD LEAD TIME | 35 Weeks |
| 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-TSSOP |
| DATA CONVERTERS | A/D 5x10b |
| CORE SIZE | 8-Bit |
| CORE PROCESSOR | STM8 |
| CONNECTIVITY | I ² C, IrDA, LINbus, SPI, UART/USART |
| BASE PART NUMBER | STM8S903 |

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