



STM8S105S6T6C

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8S105S6T6C                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                  |
| Product description | IC MCU 8BIT 32KB FLASH 44LQFP                                                                                       |
| Datasheets:         |  <a href="#">STM8S105S6T6C.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 46720 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

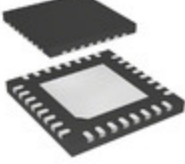
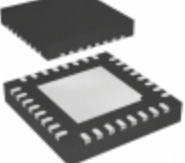
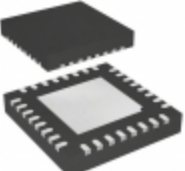
Specifications of STM8S105S6T6C

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8S105S6T6C                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 44LQFP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 46720 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">STM8S105S6T6C.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.95 V ~ 5.5 V                                                                                                        |
| SPEED                            | 16MHz                                                                                                                 |
| SERIES                           | STM8S                                                                                                                 |
| RAM SIZE                         | 2K x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                 |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                 |
| PACKAGING                        | Tray                                                                                                                  |
| PACKAGE / CASE                   | 44-LQFP                                                                                                               |
| OTHER NAMES                      | 497-8949<br>STM8S105S6T6C-ND                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 34                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| EEPROM SIZE                      | 1K x 8                                                                                                                |
| DETAILED DESCRIPTION             | STM8 STM8S Microcontroller IC 8-Bit 16MHz 32KB (32K x 8) FLASH                                                        |
| DATA CONVERTERS                  | A/D 9x10b                                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                                 |
| CORE PROCESSOR                   | STM8                                                                                                                  |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART                                                                       |
| BASE PART NUMBER                 | STM8S105                                                                                                              |

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