



Image may be representation. See specifications for product details.

ST10F276Z5T3

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ST10F276Z5T3                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                 |
| Product description | IC MCU 16BIT 832KB FLASH 144TQFP                                                                                   |
| Datasheets:         |  <a href="#">ST10F276Z5T3.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Stock Condition     | 3281 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Specifications of ST10F276Z5T3

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ST10F276Z5T3                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                   |
| DESCRIPTION                      | IC MCU 16BIT 832KB FLASH 144TQFP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| QUANTITY AVAILABLE               | 3281 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">ST10F276Z5T3.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                        |
| SPEED                            | 40MHz                                                                                                                |
| SERIES                           | ST10                                                                                                                 |
| RAM SIZE                         | 68K x 8                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                |
| PROGRAM MEMORY SIZE              | 832KB (832K x 8)                                                                                                     |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                        |
| PACKAGING                        | Tray                                                                                                                 |
| PACKAGE / CASE                   | 144-LQFP                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                   |
| NUMBER OF I/O                    | 111                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| EEPROM SIZE                      | -                                                                                                                    |
| DETAILED DESCRIPTION             | ST10 ST10 Microcontroller IC 16-Bit 40MHz 832KB (832K x 8) FLASH                                                     |
| DATA CONVERTERS                  | A/D 24x10b                                                                                                           |
| CORE SIZE                        | 16-Bit                                                                                                               |
| CORE PROCESSOR                   | ST10                                                                                                                 |
| CONNECTIVITY                     | ASC, CANbus, EBI/EMI, I²C, SSC, UART/USART                                                                           |
| BASE PART NUMBER                 | ST10F276                                                                                                             |

Related Tags

|                                 |                                 |                                     |
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| STMicroelectronics ST10F276Z5T3 | ST10F276Z5T3 Distributor        | ST10F276Z5T3 Supplier               |
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Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ST10F276-4T3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 16BIT 832KB FLASH 144LQFP<br/>In stock: 3007 pcs<br/><div>RFQ</div></div>  |  <div><b>ST10F296TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 16BIT 832KB FLASH 208PBG<br/>In stock: 3418 pcs<br/><div>RFQ</div></div>    |
|  <div><b>ST10F296M</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 16BIT 832KB FLASH 208PBG<br/>In stock: 2725 pcs<br/><div>RFQ</div></div>      |  <div><b>ST10F276Z5Q3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 16BIT 832KB FLASH 144QFP<br/>In stock: 5338 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ST10F276Z5Q3TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 16BIT 832KB FLASH 144QFP<br/>In stock: 5991 pcs<br/><div>RFQ</div></div> |  <div><b>ST10F296MTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 16BIT 832KB FLASH 208PBG<br/>In stock: 4567 pcs<br/><div>RFQ</div></div>   |
|  <div><b>ST10F276-6QR3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 16BIT 832KB FLASH 144QFP<br/>In stock: 6034 pcs<br/><div>RFQ</div></div>  |  <div><b>ST10F296</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 16BIT 832KB FLASH 208PBG<br/>In stock: 3277 pcs<br/><div>RFQ</div></div>      |
|  <div><b>ST10F276-4TX3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 16BIT 832KB FLASH 144LQFP<br/>In stock: 5798 pcs<br/><div>RFQ</div></div> |  <div><b>ST10F280</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 16BIT 512KB FLASH 208PBG<br/>In stock: 3825 pcs<br/><div>RFQ</div></div>      |
|  <div><b>ST10F276-4TR3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 16BIT 832KB FLASH 144LQFP<br/>In stock: 5415 pcs<br/><div>RFQ</div></div> |  <div><b>ST10F280-Q3TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 16BIT 512KB FLASH 208PBG<br/>In stock: 3025 pcs<br/><div>RFQ</div></div> |