





|   |  |
|---|--|
|  | <h2>ST10F271Z1Q3</h2>  |
|   | <p><b>Manufacturer Part Number:</b> <a href="#">ST10F271Z1Q3</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a></p> <p><b>Part of Description:</b> IC MCU 16BIT 256KB FLASH 144QFP</p> <p><b>Datasheets:</b>  <a href="#">ST10F271Z1Q3.pdf</a></p> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant<br/>New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
|  |  |
| <p>Image may be representation.<br/>See specs for product details.</p>            |  |

### Specifications

|                            |   |
|----------------------------|---|
| Part Number                | ST10F271Z1Q3  |
| Manufacturer               | STMicroelectronics                                      |
| Description                | IC MCU 16BIT 256KB FLASH 144QFP                         |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | Require For Quote & Check Stock                         |
| Series                     | ST10  |
| Operating Temperature      | -40°C ~ 125°C (TA)                                      |
| Package / Case             | 144-BQFP  |
| Peripherals                | POR, PWM, WDT   |
| Core Processor             | ST10  |
| Speed                      | 64MHz   |
| Number of I/O              | 111   |
| EEPROM Size                | -   |
| RAM Size                   | 12K x 8   |
| Core Size                  | 16-Bit  |
| Connectivity               | CAN, I <sup>2</sup> C, SSC, UART/USART                  |
| Program Memory Size        | 128KB (128K x 8)  |
| Program Memory Type        | FLASH   |
| Voltage - Supply (Vcc/Vdd) | 4.5 V ~ 5.5 V   |
| Data Converters            | A/D 24x10b  |
| Oscillator Type            | Internal  |
| Packaging                  | Tray  |

ST10F271Z1Q3 is New Original in Stock, Search ST10F271Z1Q3 Datasheets, PDF, Inventory at Y-IC.com Online, Order ST10F271Z1Q3 STMicroelectronics with warrantied and confidence.  
RFQ ST10F271Z1Q3 : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested

|   |  |   |  |
|---|--|---|--|
| <p>In:</p>  <p><b>ST10F269Z2Q6/TR</b><br/>STMicroelectronics<br/>IC MCU 16BIT 256KB FLASH<br/>144QFP</p> |  <p><b>ST10F271Z1T3</b><br/>STMicroelectronics<br/>IC MCU 16BIT 128KB FLASH<br/>144TQFP</p> |  <p><b>ST10F269Z2T6</b><br/>STMicroelectronics<br/>IC MCU 16BIT 256KB FLASH<br/>144TQFP</p> |  <p><b>ST10F272M-4TR3</b><br/>STMicroelectronics<br/>IC MCU 16BIT 256KB FLASH<br/>144TQFP</p> |
|  <p><b>ST10F269Z2T3</b><br/>STMicroelectronics<br/>IC MCU 16BIT 256KB FLASH<br/>144TQFP</p>              |  <p><b>ST10F272-BAG</b><br/>ST<br/>ST10F272-BAG ST</p>                                      |  <p><b>ST10F269Z2Q6</b><br/>STMicroelectronics<br/>IC MCU 16BIT 256KB FLASH<br/>144QFP</p>  |  <p><b>ST10F272M-4QR3</b><br/>STMicroelectronics<br/>IC MCU 16BIT 256KB FLASH<br/>144QFP</p>  |

### Hot Parts

More

|                           |                      |                      |                  |                      |
|---------------------------|----------------------|----------------------|------------------|----------------------|
| ⊛ BB659C-02VE7912         | ↔ BQ29411PWRG4       | ⇒ BT8071KPQ          | D CT2465H02      | ⇒ CX20524-13         |
| ⊣ D1029N22T               | ⊛ DS75154N           | D ESDLC3V3D3-TP      | ⇒ FAN7318PMX     | ⇒ GCM1885C1H242JA16D |
| ⊛ GCM188R71C104KA02J      | ⊣ GQM2195C2A6R0CB01D | ⊛ GRM0337U1H7R1CD01D | ↔ GTL1655DGGR    | ⇒ LM365715UM         |
| D LM4040D30FTA            | ⊛ LT1247CS8#PBF      | ⊣ LT1316CS8#TRPBF    | ⊛ LT3756EMSE#PBF | ⇒ M5060CC1200        |
| ⇒ MAADSS0008TR-3000       | ↔ MAX202ESE+T        | ⊛ MAX333AEWP         | ⊣ MAX4617EPE     | ⇒ MAX5541CSA+T       |
| ↔ MC74LCX08DTR2           | ⇒ NCP305LSQ30T1G     | D P6SMB18A           | ⊛ PBSS4330X      | ⊣ PS20351-N          |
| ⊛ Q4004D4RP               | D R1RP0401DGE-2PR    | ⇒ SD3553C16S50R      | ↔ SI1039X-T1-E3  | ⇒ SS8P3CL-M3/86A     |
| ⊣ SST25VF080B-80-4I-SAE-T | ⊛ SURS8140T3G        | ↔ TA78033AF          | ⇒ TC74HC4020AF   | ⇒ TC74VHC541FK-ELK   |
| ⊛ TCS34903FN              | ⊣ TL7702ACP          | ⊛ TL7705BQDR         | D TLV2762IDGKR   | ⇒ TPS54331DR         |
| ↔ TZMB43-GS08             | ⊛ V48C48H150BL       | ⊣ VE-200-CX          | ⊛ X5165S8T1      | ⇒ X9313ZSI           |

Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

Copyright © 2019 YIC International Co., Limited