



Image may be representation. See specifications for product details.

STM8L151F2P6TR

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8L151F2P6TR                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                   |
| Product description | IC MCU 8BIT 4KB FLASH 20TSSOP                                                                                        |
| Datasheets:         |  <a href="#">STM8L151F2P6TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 143715 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

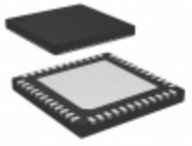
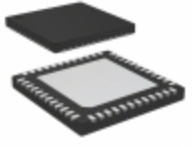
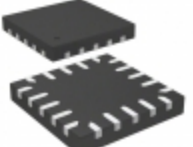
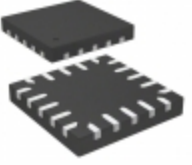
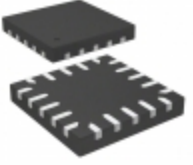
Specifications of STM8L151F2P6TR

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8L151F2P6TR                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 4KB FLASH 20TSSOP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 143715 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">STM8L151F2P6TR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 20-TSSOP                                                                                                               |
| SPEED                            | 16MHz                                                                                                                  |
| SERIES                           | STM8L EnergyLite                                                                                                       |
| RAM SIZE                         | 1K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 4KB (4K x 8)                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, IR, POR, PWM, WDT                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 20-TSSOP (0.173", 4.40mm Width)                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 18                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | 256 x 8                                                                                                                |
| DETAILED DESCRIPTION             | STM8 STM8L EnergyLite Microcontroller IC 8-Bit 16MHz 4KB (4K x 8) FLASH 20-TSSOP                                       |
| DATA CONVERTERS                  | A/D 10x12b                                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                                  |
| CORE PROCESSOR                   | STM8                                                                                                                   |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                             |
| BASE PART NUMBER                 | STM8L151                                                                                                               |

Related Tags

|                                   |                                   |                                       |
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| STMicroelectronics STM8L151F2P6TR | STM8L151F2P6TR Distributor        | STM8L151F2P6TR Supplier               |
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Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM8L151C8U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48UFQFPN<br/>In stock: 80609 pcs<br/><b>RFQ</b></div>  |  <div><b>STM8L151F3P3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 120247 pcs<br/><b>RFQ</b></div>    |
|  <div><b>STM8L151C8U6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48UFQFPN<br/>In stock: 38366 pcs<br/><b>RFQ</b></div>    |  <div><b>STM8L151C8T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: 59723 pcs<br/><b>RFQ</b></div>   |
|  <div><b>STM8L151C8U3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48UFQFPN<br/>In stock: 64241 pcs<br/><b>RFQ</b></div>    |  <div><b>STM8L151F3U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20UFQFPN<br/>In stock: 138075 pcs<br/><b>RFQ</b></div> |
|  <div><b>STM8L151C8T7</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: 67695 pcs<br/><b>RFQ</b></div>      |  <div><b>STM8L151F3P6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 70213 pcs<br/><b>RFQ</b></div>   |
|  <div><b>STM8L151F3U6DTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20UFQFPN<br/>In stock: 127488 pcs<br/><b>RFQ</b></div> |  <div><b>STM8L151F2U6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 20UFQFPN<br/>In stock: 148575 pcs<br/><b>RFQ</b></div> |
|  <div><b>STM8L151F3P6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 64598 pcs<br/><b>RFQ</b></div>      |  <div><b>STM8L151F2P6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 20TSSOP<br/>In stock: 134472 pcs<br/><b>RFQ</b></div>    |