



ST7FOXF1M6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ST7FOXF1M6                                                                                                   |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 8BIT 4KB FLASH 20SOIC                                                                                 |
| Datasheets:         |  ST7FOXF1M6.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6582 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ST7FOXF1M6

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ST7FOXF1M6                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                 |
| DESCRIPTION                      | IC MCU 8BIT 4KB FLASH 20SOIC                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 6582 pcs                                                                                           |
| DATA SHEET                       |  ST7FOXF1M6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                      |
| SPEED                            | 8MHz                                                                                               |
| SERIES                           | ST7                                                                                                |
| RAM SIZE                         | 384 x 8                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                              |
| PROGRAM MEMORY SIZE              | 4KB (4K x 8)                                                                                       |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                 |
| PACKAGING                        | Tube                                                                                               |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                  |
| NUMBER OF I/O                    | 16                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| EEPROM SIZE                      | -                                                                                                  |
| DETAILED DESCRIPTION             | ST7 ST7 Microcontroller IC 8-Bit 8MHz 4KB (4K x 8) FLASH                                           |
| DATA CONVERTERS                  | A/D 10x10b                                                                                         |
| CORE SIZE                        | 8-Bit                                                                                              |
| CORE PROCESSOR                   | ST7                                                                                                |
| CONNECTIVITY                     | I²C                                                                                                |
| BASE PART NUMBER                 | ST7FOX                                                                                             |

Related Tags

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| STMicroelectronics ST7FOXF1M6 | ST7FOXF1M6 Distributor        | ST7FOXF1M6 Supplier               |
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Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ST7FOXF1B6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 20DIP<br/>In stock: 125076 pcs<br/><div>RFQ</div></div>         |  <div><b>ST7FOXX2-D/RAIS</b><br/>Manufacturers: STMicroelectronics<br/>Description: BOARD DAUGHTER STANDALN ST7FOXX2<br/>In stock: 2088 pcs<br/><div>RFQ</div></div> |
|  <div><b>ST7FOXX1B6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 32SDIP<br/>In stock: 96868 pcs<br/><div>RFQ</div></div>         |  <div><b>ST7FOXX2T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: 84368 pcs<br/><div>RFQ</div></div>         |
|  <div><b>ST7FOXA0M6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 2KB FLASH 8SOIC<br/>In stock: 239592 pcs<br/><div>RFQ</div></div>         |  <div><b>ST7FOXXK1T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 32LQFP<br/>In stock: 121445 pcs<br/><div>RFQ</div></div>       |
|  <div><b>ST7FOXX2B6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 32DIP<br/>In stock: 77939 pcs<br/><div>RFQ</div></div>          |  <div><b>ST7FOXA0B6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 2KB FLASH 8DIP<br/>In stock: 154026 pcs<br/><div>RFQ</div></div>          |
|  <div><b>ST7FOXA0-D/RAIS</b><br/>Manufacturers: STMicroelectronics<br/>Description: BOARD DAUGHTER STANDALON STFOXA0<br/>In stock: 2171 pcs<br/><div>RFQ</div></div> |  <div><b>ST7FOXXK1T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 20LQFP<br/>In stock: 139668 pcs<br/><div>RFQ</div></div>     |
|  <div><b>ST7FMC2S6TCE</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 32KB FLASH 44LQFP<br/>In stock: 17281 pcs<br/><div>RFQ</div></div>      |  <div><b>ST7FOPTIONS-EVAL</b><br/>Manufacturers: STMicroelectronics<br/>Description: BOARD EVALUATION ICP/IAP ST7<br/>In stock: 300 pcs<br/><div>RFQ</div></div>     |