



STMicroelectronics



ST72C254G2M3

|                     |                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------|
| Part Number:        | ST72C254G2M3                                                                            |
| Manufacturer/Brand: | STMicroelectronics                                                                      |
| Product description | IC MCU 8BIT 8KB FLASH 28SOIC                                                            |
| Datasheets:         | <div><div>PDF</div>1.ST72C254G2M3.pdf</div> <div><div>PDF</div>2.ST72C254G2M3.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                    |
| Stock Condition     | 10050 pcs stock                                                                         |
| Ship From           | Hong Kong                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                   |

REQUEST FOR QUOTATION

Specifications of ST72C254G2M3

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | ST72C254G2M3                                                                            |
| MANUFACTURER                     | STMicroelectronics                                                                      |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 28SOIC                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| QUANTITY AVAILABLE               | 10050 pcs                                                                               |
| DATA SHEET                       | <div><div>PDF</div>1.ST72C254G2M3.pdf</div> <div><div>PDF</div>2.ST72C254G2M3.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.2 V ~ 5.5 V                                                                           |
| SPEED                            | 16MHz                                                                                   |
| SERIES                           | ST7                                                                                     |
| RAM SIZE                         | 256 x 8                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                   |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                            |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                      |
| PACKAGING                        | Tube                                                                                    |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                          |
| OTHER NAMES                      | 497-8235-5<br>ST72C254G2M3-ND                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                      |
| NUMBER OF I/O                    | 22                                                                                      |
| 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 16MHz 8KB (8K x 8) FLASH                               |
| DATA CONVERTERS                  | A/D 6x8b                                                                                |
| CORE SIZE                        | 8-Bit                                                                                   |
| CORE PROCESSOR                   | ST7                                                                                     |
| CONNECTIVITY                     | I <sup>2</sup> C, SPI                                                                   |

Related Tags

|                                 |                                 |                                     |
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Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>ST72C215G2M6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 27792 pcs</div><div>RFQ</div></div>   | <div><div><b>ST72C215G2M3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 28SOIC<br/>In stock: 5260 pcs</div><div>RFQ</div></div>  |
| <div><div><b>ST72C254G1B6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 32SDIP<br/>In stock: 13989 pcs</div><div>RFQ</div></div>   | <div><div><b>ST72C254G2B6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 32SDIP<br/>In stock: 16139 pcs</div><div>RFQ</div></div> |
| <div><div><b>ST72C215G2B6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 32SDIP<br/>In stock: 24258 pcs</div><div>RFQ</div></div>   | <div><div><b>ST72C334J4B6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 16KB FLASH 42SDIP<br/>In stock: 3458 pcs</div><div>RFQ</div></div> |
| <div><div><b>ST72C314J4T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 15812 pcs</div><div>RFQ</div></div>  | <div><div><b>ST72C254G1M6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 28SOIC<br/>In stock: 20000 pcs</div><div>RFQ</div></div> |
| <div><div><b>ST72C334J2T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 44TQFP<br/>In stock: 13410 pcs</div><div>RFQ</div></div>   | <div><div><b>ST72C334J4T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 3409 pcs</div><div>RFQ</div></div> |
| <div><div><b>ST72C254G2M3/TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 4643 pcs</div><div>RFQ</div></div> | <div><div><b>ST72C254G2M6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 5486 pcs</div><div>RFQ</div></div>  |