



STMicroelectronics



ST72F321AR6TA

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ST72F321AR6TA                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                  |
| Product description | IC MCU 8BIT 32KB FLASH 64TQFP                                                                                       |
| Datasheets:         |  <a href="#">ST72F321AR6TA.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 23024 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of ST72F321AR6TA

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ST72F321AR6TA                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 64TQFP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 23024 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">ST72F321AR6TA.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.8 V ~ 5.5 V                                                                                                         |
| SPEED                            | 8MHz                                                                                                                  |
| SERIES                           | ST7                                                                                                                   |
| RAM SIZE                         | 1K x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                 |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                        |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                    |
| PACKAGING                        | Tray                                                                                                                  |
| PACKAGE / CASE                   | 64-LQFP                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 48                                                                                                                    |
| 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 32KB (32K x 8) FLASH                                                            |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                 |
| CORE PROCESSOR                   | ST7                                                                                                                   |
| CONNECTIVITY                     | I²C, SCI, SPI                                                                                                         |
| BASE PART NUMBER                 | ST72F321                                                                                                              |

Related Tags

|                                  |                                  |                                      |
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Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ST72F264G2B6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 32SDIP<br/>In stock: 4241 pcs<br/><div>RFQ</div></div>      |  <div><b>ST72F321AR6T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 16946 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ST72F264G2B5</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 32DIP<br/>In stock: 21160 pcs<br/><div>RFQ</div></div>      |  <div><b>ST72F321AR7T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 48KB FLASH 64TQFP<br/>In stock: 13650 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ST72F321AR9TA</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 60KB FLASH 64TQFP<br/>In stock: 19979 pcs<br/><div>RFQ</div></div>   |  <div><b>ST72F264G2H6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 36LFBGA<br/>In stock: 30357 pcs<br/><div>RFQ</div></div>   |
|  <div><b>ST72F264G2M6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 25780 pcs<br/><div>RFQ</div></div>     |  <div><b>ST72F321AR6TAE</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 19759 pcs<br/><div>RFQ</div></div> |
|  <div><b>ST72F321AR7T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 48KB FLASH 64TQFP<br/>In stock: 19132 pcs<br/><div>RFQ</div></div> |  <div><b>ST72F321AR9T6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 60KB FLASH 64TQFP<br/>In stock: 13241 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ST72F321AR9T6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 60KB FLASH 64TQFP<br/>In stock: 14389 pcs<br/><div>RFQ</div></div> |  <div><b>ST72F264G2M6/TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 6111 pcs<br/><div>RFQ</div></div>  |