



STMicroelectronics



Image may be representation. See specifications for product details.

STM8AF52AATAX

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8AF52AATAX                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 8BIT 128KB FLASH 80LQFP                                                                               |
|                     |  1.STM8AF52AATAX.pdf        |
|                     |  2.STM8AF52AATAX.pdf        |
|                     |  3.STM8AF52AATAX.pdf        |
|                     |  4.STM8AF52AATAX.pdf        |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 35604 pcs stock                                                                                              |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

Specifications of STM8AF52AATAX

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8AF52AATAX                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 80LQFP                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 35604 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       |  1.STM8AF52AATAX.pdf<br> 2.STM8AF52AATAX.pdf<br> 3.STM8AF52AATAX.pdf<br> 4.STM8AF52AATAX.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (14x14)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SPEED                            | 24MHz                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | STM8A                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RAM SIZE                         | 6K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 80-LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 68                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| EEPROM SIZE                      | 2K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | STM8A STM8A Microcontroller IC 8-Bit 24MHz 128KB (128K x 8) FLASH 80-LQFP (14x14)                                                                                                                                                                                                                                                                                                                                                        |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CORE PROCESSOR                   | STM8A                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                     |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics STM8AF52AATAX | STM8AF52AATAX Distributor        | STM8AF52AATAX Supplier               |
| STM8AF52AATAX Price              | STM8AF52AATAX Pictures           | STM8AF52AATAX Image                  |
| STM8AF52AATAX PDF Datasheet      | STM8AF52AATAX Download Datasheet | STM8AF52AATAX Datasheet              |
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| STM8AF52AATAX                    |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
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|  <div><b>STM8AF52A8TDX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 48LQFP<br/>In stock: 43136 pcs<br/><div>RFQ</div></div>  |  <div><b>STM8AF52AATCX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: 35798 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM8AF52A9TCX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: 37055 pcs<br/><div>RFQ</div></div>  |  <div><b>STM8AF52A9TAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: 34730 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM8AF6213PCAU</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 20TSSOP<br/>In stock: 124241 pcs<br/><div>RFQ</div></div> |  <div><b>STM8AF52AATDY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: 23210 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM8AF52AATCY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: 26525 pcs<br/><div>RFQ</div></div>  |  <div><b>STM8AF52A9TCY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: 34297 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM8AF52A9TDY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: 28834 pcs<br/><div>RFQ</div></div>  |  <div><b>STM8AF52AATAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: 28211 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM8AF52A8TDY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 48LQFP<br/>In stock: 34568 pcs<br/><div>RFQ</div></div>  |  <div><b>STM8AF6213PCAX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 20TSSOP<br/>In stock: 134969 pcs<br/><div>RFQ</div></div> |