



STM8AF52AATAY

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8AF52AATAY                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 8BIT 128KB FLASH 80LQFP                                                                               |
| Datasheets:         |  STM8AF52AATAY.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

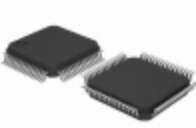
Specifications of STM8AF52AATAY

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8AF52AATAY                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 80LQFP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  STM8AF52AATAY.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                           |
| 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                        | Tray                                                                                                  |
| 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)                                                                                         |
| MANUFACTURER STANDARD LEAD TIME  | 20 Weeks                                                                                              |
| 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                                     |
| DATA CONVERTERS                  | A/D 16x10b                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                 |
| CORE PROCESSOR                   | STM8A                                                                                                 |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SPI, UART/USART                                                                  |
| BASE PART NUMBER                 | STM8AF52                                                                                              |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STM8AF52A9TCY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM8AF6213PCAX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 20TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>STM8AF52AATCY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM8AF52A9TCX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>STM8AF6213PCAU</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 20TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM8AF6213PCU</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 4KB FLASH 20TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>STM8AF52A9TDY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM8AF52AATAX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>STM8AF52AATCX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM8AF52A8TDY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>STM8AF52AATDY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>STM8AF52A9TAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |