



STMicroelectronics



STM8AL3138TAY

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8AL3138TAY                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 8BIT 8KB FLASH 48LQFP                                                                                 |
| Datasheets:         |  STM8AL3138TAY.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 72548 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of STM8AL3138TAY

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8AL3138TAY                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 48LQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 72548 pcs                                                                                             |
| DATA SHEET                       |  STM8AL3138TAY.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                        |
| SPEED                            | 16MHz                                                                                                 |
| SERIES                           | STM8A                                                                                                 |
| RAM SIZE                         | 2K x 8                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 41                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| EEPROM SIZE                      | 1K x 8                                                                                                |
| DETAILED DESCRIPTION             | STM8A STM8A Microcontroller IC 8-Bit 16MHz 8KB (8K x 8) FLASH                                         |
| DATA CONVERTERS                  | A/D 25x12b, D/A 1x12b                                                                                 |
| CORE SIZE                        | 8-Bit                                                                                                 |
| CORE PROCESSOR                   | STM8A                                                                                                 |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART                                                       |

Related Tags

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| <div><div>STM8AL3146TCY</div></div> <div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: 80911 pcs</div> <div>RFQ</div> | <div><div>STM8AL3146UCX</div></div> <div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 16KB FLASH 32VFQFPN<br/>In stock: 76091 pcs</div> <div>RFQ</div> |
| <div><div>STM8AF6388TCX</div></div> <div>Manufacturers: STMicroelectronics<br/>Description: MICROCONTROLLERS<br/>In stock: 61084 pcs</div> <div>RFQ</div>              | <div><div>STM8AF6388TCY</div></div> <div>Manufacturers: STMicroelectronics<br/>Description: MICROCONTROLLERS<br/>In stock: 48097 pcs</div> <div>RFQ</div>                |
| <div><div>STM8AL3138TCY</div></div> <div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 48LQFP<br/>In stock: 62708 pcs</div> <div>RFQ</div>  | <div><div>STM8AF6366TCY</div></div> <div>Manufacturers: STMicroelectronics<br/>Description: MICROCONTROLLERS<br/>In stock: 59206 pcs</div> <div>RFQ</div>                |
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| <div><div>STM8AL3136TCY</div></div> <div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: 85703 pcs</div> <div>RFQ</div>  | <div><div>STM8AL3146UCY</div></div> <div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 16KB FLASH 32VFQFPN<br/>In stock: 78498 pcs</div> <div>RFQ</div> |