



STMicroelectronics



Image may be representation. See specifications for product details.

STM8AL3LE88TAY

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8AL3LE88TAY                                                                                               |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 8BIT 64KB FLASH 48LQFP                                                                                |
|                     |  1.STM8AL3LE88TAY.pdf       |
|                     |  2.STM8AL3LE88TAY.pdf       |
|                     |  3.STM8AL3LE88TAY.pdf       |
|                     |  4.STM8AL3LE88TAY.pdf       |
|                     |  5.STM8AL3LE88TAY.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 57618 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of STM8AL3LE88TAY

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8AL3LE88TAY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 48LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 57618 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       |  1.STM8AL3LE88TAY.pdf<br> 2.STM8AL3LE88TAY.pdf<br> 3.STM8AL3LE88TAY.pdf<br> 4.STM8AL3LE88TAY.pdf<br> 5.STM8AL3LE88TAY.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SPEED                            | 16MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | Automotive, AEC-Q100, STM8A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 64KB (64K 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                      | 2K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | STM8 Automotive, AEC-Q100, STM8A Microcontroller IC 8-Bit 16MHz 64KB (64K x 8) FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DATA CONVERTERS                  | A/D 25x12b, D/A 2x12b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CORE PROCESSOR                   | STM8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                   |                                   |                                       |
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| STM8AL3LE88TAY PDF Datasheet      | STM8AL3LE88TAY Download Datasheet | STM8AL3LE88TAY Datasheet              |
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| STM8AL3LE88TAY                    |                                   |                                       |

Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                      |
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|  <div><b>STM8AL3L89TCY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 64LQFP<br/>In stock: 49176 pcs<br/><div>RFQ</div></div> |  <div><b>STM8AL3LE88TCX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: 66384 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM8AL3L88TAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: 71425 pcs<br/><div>RFQ</div></div> |  <div><b>STM8AL3LE89TAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: MICROCONTROLLERS<br/>In stock: 55671 pcs<br/><div>RFQ</div></div>              |
|  <div><b>STM8AL3L8ATCY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 80LQFP<br/>In stock: 47183 pcs<br/><div>RFQ</div></div> |  <div><b>STM8AL3L8ATCX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 80LQFP<br/>In stock: 52146 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM8AL3LE89TCX</b><br/>Manufacturers: STMicroelectronics<br/>Description: MICROCONTROLLERS<br/>In stock: 51305 pcs<br/><div>RFQ</div></div>             |  <div><b>STM8AL3LE88TCY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: 62204 pcs<br/><div>RFQ</div></div> |
|  <div><b>STM8AL3L88TCX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: 59065 pcs<br/><div>RFQ</div></div> |  <div><b>STM8AL3L88TCY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 8BIT 64KB FLASH 48LQFP<br/>In stock: 68580 pcs<br/><div>RFQ</div></div>  |
|  <div><b>STM8AL3LE89TCY</b><br/>Manufacturers: STMicroelectronics<br/>Description: MICROCONTROLLERS<br/>In stock: 50042 pcs<br/><div>RFQ</div></div>             |  <div><b>STM8AL3LE89TAX</b><br/>Manufacturers: STMicroelectronics<br/>Description: MICROCONTROLLERS<br/>In stock: 55312 pcs<br/><div>RFQ</div></div>              |