



life.augmented

STMicroelectronics



STM8AL3L88TCX

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8AL3L88TCX                                                                                                |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 8BIT 64KB FLASH 48LQFP                                                                                |
|                     |  1.STM8AL3L88TCX.pdf        |
|                     |  2.STM8AL3L88TCX.pdf        |
|                     |  3.STM8AL3L88TCX.pdf        |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 59065 pcs stock                                                                                              |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

Specifications of STM8AL3L88TCX

|                                  |                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8AL3L88TCX                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 48LQFP                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 59065 pcs                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.STM8AL3L88TCX.pdf<br> 2.STM8AL3L88TCX.pdf<br> 3.STM8AL3L88TCX.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                                                                                                                                                                                                                                 |
| 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                                                                                                                                                                                                                                                                                    |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 48-LQFP                                                                                                                                                                                                                                                                                                                       |
| OTHER NAMES                      | 497-16853                                                                                                                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 41                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                 |
| 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 48-LQFP (7x7)                                                                                                                                                                                                                            |
| DATA CONVERTERS                  | A/D 25x12b, D/A 2x12b                                                                                                                                                                                                                                                                                                         |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                         |
| CORE PROCESSOR                   | STM8                                                                                                                                                                                                                                                                                                                          |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                               |

Related Tags

|                                  |                                  |                                      |
|----------------------------------|----------------------------------|--------------------------------------|
| STMicroelectronics STM8AL3L88TCX | STM8AL3L88TCX Distributor        | STM8AL3L88TCX Supplier               |
| STM8AL3L88TCX Price              | STM8AL3L88TCX Pictures           | STM8AL3L88TCX Image                  |
| STM8AL3L88TCX PDF Datasheet      | STM8AL3L88TCX Download Datasheet | STM8AL3L88TCX Datasheet              |
| STM8AL3L88TCX Stock              | Buy STM8AL3L88TCX                | Buy STMicroelectronics STM8AL3L88TCX |
| STMicroelectronics STM8AL3L88TCX | STMicroelectronics Supplier      | STMicroelectronics Distributor       |
| STM8AL3L88TCX                    |                                  |                                      |

Related Products

|                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>life.augmented</div> <div>STM8AL3L88TCY</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 8BIT 64KB FLASH 48LQFP</div> <div>In stock: 68580 pcs</div> <div>RFQ</div>  |  <div>life.augmented</div> <div>STM8AL3L66TCY</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 8BIT 32KB FLASH 32LQFP</div> <div>In stock: 30784 pcs</div> <div>RFQ</div>  |
|  <div>life.augmented</div> <div>STM8AL3L8ATCX</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 8BIT 64KB FLASH 80LQFP</div> <div>In stock: 52146 pcs</div> <div>RFQ</div>  |  <div>life.augmented</div> <div>STM8AL3L88TAY</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 8BIT 64KB FLASH 48LQFP</div> <div>In stock: 71425 pcs</div> <div>RFQ</div>  |
|  <div>life.augmented</div> <div>STM8AL3L68TCY</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 8BIT 32KB FLASH 48LQFP</div> <div>In stock: 36158 pcs</div> <div>RFQ</div>  |  <div>life.augmented</div> <div>STM8AL3L89TCY</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 8BIT 64KB FLASH 64LQFP</div> <div>In stock: 49176 pcs</div> <div>RFQ</div>  |
|  <div>life.augmented</div> <div>STM8AL3L68TAX</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 8BIT 32KB FLASH 48LQFP</div> <div>In stock: 82535 pcs</div> <div>RFQ</div>  |  <div>life.augmented</div> <div>STM8AL3LE88TCX</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 8BIT 64KB FLASH 48LQFP</div> <div>In stock: 66384 pcs</div> <div>RFQ</div> |
|  <div>life.augmented</div> <div>STM8AL3L68TAY</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 32BIT 32KB FLASH 48LQFP</div> <div>In stock: 79662 pcs</div> <div>RFQ</div> |  <div>life.augmented</div> <div>STM8AL3L8ATCY</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 8BIT 64KB FLASH 80LQFP</div> <div>In stock: 47183 pcs</div> <div>RFQ</div>  |
|  <div>life.augmented</div> <div>STM8AL3L66TAY</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 8BIT 32KB FLASH 32LQFP</div> <div>In stock: 35600 pcs</div> <div>RFQ</div>  |  <div>life.augmented</div> <div>STM8AL3LE88TAY</div> <div>Manufacturers: STMicroelectronics</div> <div>Description: IC MCU 8BIT 64KB FLASH 48LQFP</div> <div>In stock: 57618 pcs</div> <div>RFQ</div> |