






STM8AL3168TAY

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| Part Number: | STM8AL3168TAY |
| Manufacturer/Brand: | STMicroelectronics |
| Product description | IC MCU 8BIT 32KB FLASH 48LQFP |
| Datasheets: |  STM8AL3168TAY.pdf |
| RoHs Status |  Lead free / RoHS Compliant |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION



Specifications of STM8AL3168TAY

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| PART NUMBER | STM8AL3168TAY |
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | IC MCU 8BIT 32KB FLASH 48LQFP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET |  STM8AL3168TAY.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.65 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 48-LQFP (7x7) |
| SPEED | 16MHz |
| SERIES | STM8A |
| RAM SIZE | 2K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 32KB (32K x 8) |
| PERIPHERALS | Brown-out Detect/Reset, DMA, POR, PWM, WDT |
| PACKAGING | Tray |
| PACKAGE / CASE | 48-LQFP |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 41 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| MANUFACTURER STANDARD LEAD TIME | 20 Weeks |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| EEPROM SIZE | 1K x 8 |
| DETAILED DESCRIPTION | STM8 STM8A Microcontroller IC 8-Bit 16MHz 32KB (32K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS | A/D 25x12b, D/A 1x12b |
| CORE SIZE | 8-Bit |
| CORE PROCESSOR | STM8 |
| CONNECTIVITY | I ² C, IrDA, LINbus, SPI, UART/USART |

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