




STMicroelectronics



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STM8AL31E88TAY

Part Number:	STM8AL31E88TAY
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 8BIT 64KB FLASH 48LQFP
	1.STM8AL31E88TAY.pdf
	2.STM8AL31E88TAY.pdf
	3.STM8AL31E88TAY.pdf
	4.STM8AL31E88TAY.pdf
	5.STM8AL31E88TAY.pdf
Datasheets:	
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.












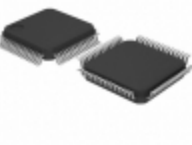
Specifications of STM8AL31E88TAY

PART NUMBER	STM8AL31E88TAY
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 8BIT 64KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM8AL31E88TAY.pdf 2.STM8AL31E88TAY.pdf 3.STM8AL31E88TAY.pdf 4.STM8AL31E88TAY.pdf 5.STM8AL31E88TAY.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)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
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	I ² C, IrDA, LINbus, SPI, UART/USART

Related Tags

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 <div>STM8AL31E89TCX Manufacturers: STMicroelectronics Description: MICROCONTROLLERS In stock: Out stock</div> <div>RFQ</div>	 <div>STM8AL3188TCY Manufacturers: STMicroelectronics Description: IC MCU 8BIT 64KB FLASH 48LQFP In stock: 54 pcs</div> <div>RFQ</div>
 <div>STM8AL3188TAY Manufacturers: STMicroelectronics Description: IC MCU 8BIT 64KB FLASH 48LQFP In stock: Out stock</div> <div>RFQ</div>	 <div>STM8AL3188TCX Manufacturers: STMicroelectronics Description: IC MCU 8BIT 64KB FLASH 48LQFP In stock: Out stock</div> <div>RFQ</div>
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 <div>STM8AL318ATCY Manufacturers: STMicroelectronics Description: IC MCU 8BIT 64KB FLASH 80LQFP In stock: 473 pcs</div> <div>RFQ</div>	 <div>STM8AL3189TCY Manufacturers: STMicroelectronics Description: IC MCU 8BIT 64KB FLASH 64LQFP In stock: Out stock</div> <div>RFQ</div>