STM8AL31E89TCY *Details PDF*



Manufacturer/E Product descrip Datasheets: Ship From Shipment Way	Life.ougmented	STMicroelectronics	STM8AL Part Number:
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STM8AL31E89TCY **STMicroelectronics** MICROCONTROLLERS

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ST FOR QUOTATION

Image may be representation. See specifications for product details.

	Specifications of STM8AL31E89TCY	
PART NUMBER	STM8AL31E89TCY	
MANUFACTURER	STMicroelectronics	
DESCRIPTION	MICROCONTROLLERS	
LEAD FREE STATUS / ROHS STATUS		
DATA SHEET		
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V	
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)	
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	
PACKAGE / CASE	64-LQFP	
OSCILLATOR TYPE	Internal	
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)	
NUMBER OF I/O	54	
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)	
MANUFACTURER STANDARD LEAD TIME	20 Weeks	
EEPROM SIZE	2K x 8	
DETAILED DESCRIPTION	STM8 Automotive, AEC-Q100, STM8A Microcontroller IC 8-Bit 16MHz 64KB (64K x 8) FLASH 64-LQFP (10x10)	
DATA CONVERTERS	A/D 28x12b, D/A 2x12b	
CORE SIZE	8-Bit	
CORE PROCESSOR	STM8	
CONNECTIVITY	I ² C, IrDA, LINbus, SPI, UART/USART	

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Manufacturers: STMicroelectronics Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: Out stock

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STM8AL31E8ATAX

Manufacturers: STMicroelectronics Description: MICROCONTROLLERS In stock: Out stock

RFQ



STM8AL3L46TAY

Manufacturers: STMicroelectronics Description: IC MCU 8BIT 16KB FLASH 32LQFP In stock: Out stock

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STM8AL31E89TCX

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STM8AL31E88TCY

Manufacturers: STMicroelectronics Description: IC MCU 8BIT 64KB FLASH 48LQFP In stock: Out stock

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