STM8AL31E8ATAX Details PDF



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STM8AL31E8ATAX **STMicroelectronics** MICROCONTROLLERS

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FOR QUOTATION

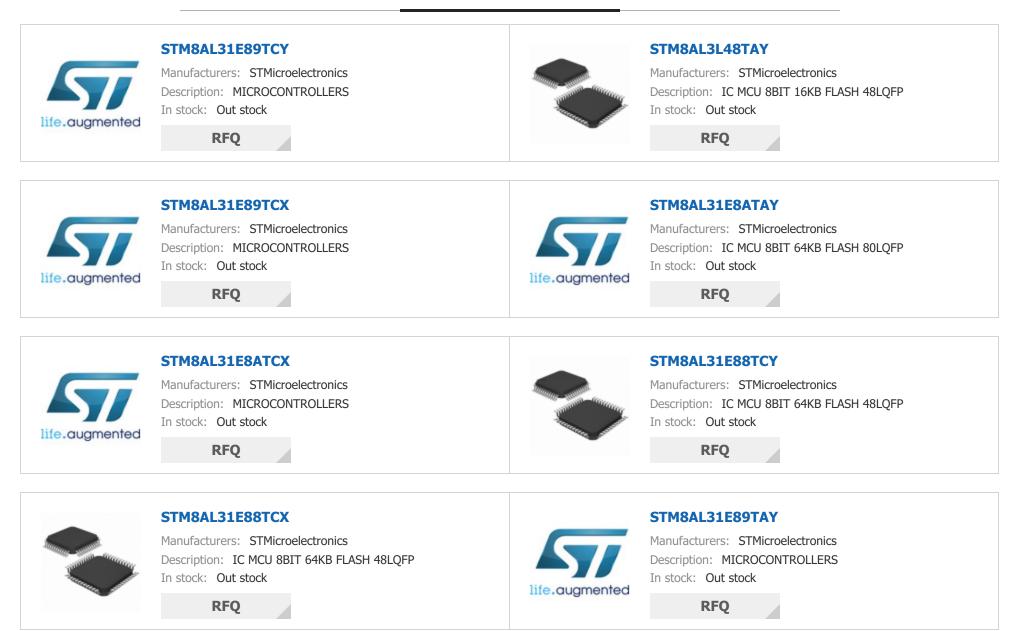
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	Specifications of STM8AL31E8ATAX	
	Specifications of STRICALSTECATAX	
PART NUMBER	STM8AL31E8ATAX	
MANUFACTURER	STMicroelectronics	
DESCRIPTION	MICROCONTROLLERS	
LEAD FREE STATUS / ROHS STATUS		
DATA SHEET		
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V	
SUPPLIER DEVICE PACKAGE	80-LQFP (14x14)	
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	80-LQFP	
OSCILLATOR TYPE	Internal	
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)	
NUMBER OF I/O	68	
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 80-LQFP (14x14)	
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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STM8AL31E89TAX



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