

STMicroelectronics

STM8AL31E88TAY

Part Number:

Manufacturer/Brand: Product description

Datasheets:

RoHs Status Ship From Shipment Way STM8AL31E88TAY

STMicroelectronics

IC MCU 8BIT 64KB FLASH 48LQFP

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Specifications of STMBAL31E8BTAY PART NUMBER STMBAL31E8BTAY MANUFACTURER DESCRIPTION IC MCU 8BIT 64KB FLASH 48LQFP LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant LEAD FREE STATUS / ROHS STATUS LEAD FREE STATUS / ROHS STATUS DATA SHEET DATA SHEET DATA SHEET DATA SHEET DATA SHEET DATA SHEET VOLTAGE - SUPPLY (VCC/VDD) 1.65 V ~ 3.6 V SPEED 16MHz SERIES Automotive, AEC-Q100, STMBA RAM SIZE 44 X 8 PROGRAM MEMORY TYPE FLASH 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 MOISTURE SENSITIVITY LEVEL (MSL) MANUFACTURER STANDARD LEAD TIME LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant EFPROM SIZE 2K x 8 DETAILED DESCRIPTION STMB Automotive, AEC-Q100, STMBA Microcontroller IC 8-Bit 16MHz 64KB (64K x 8) FLASH DATA CONVERTERS A/D 25x12b, D/A 2x12b CORE FOCKSOOR STMB AUTOMOTIVES STM		Considerations of CTMOAL 24 FOOTAV	
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DATA CONVERTERS A/D 25x12b, D/A 2x12b CORE SIZE 8-Bit CORE PROCESSOR STM8	EEPROM SIZE	2K x 8	
CORE SIZE 8-Bit CORE PROCESSOR STM8	DETAILED DESCRIPTION	STM8 Automotive, AEC-Q100, STM8A Microcontroller IC 8-Bit 16MHz 64KB (64K x 8) FLASH	
CORE PROCESSOR STM8	DATA CONVERTERS	A/D 25x12b, D/A 2x12b	
	CORE SIZE	8-Bit	
COMMECTIVITY	CORE PROCESSOR	STM8	
CONNECTIVITY 12C, IIDA, LINDUS, SPI, UART/USART	CONNECTIVITY	I ² C, IrDA, LINbus, SPI, UART/USART	

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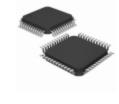


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