

ATTINY87-A15SZ



Part Number: [ATTINY87-A15SZ](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 8KB FLASH 20SOIC

Data sheet:  [ATTINY87/167 Automotive](#)

RoHs Status: Lead free / RoHS Compliant

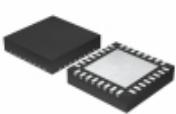
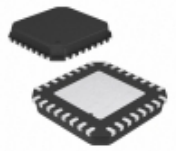
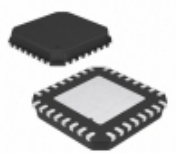
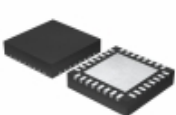
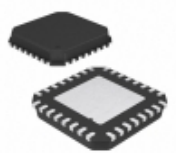
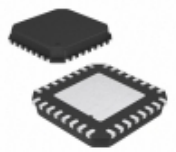
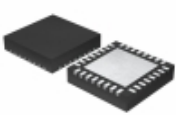
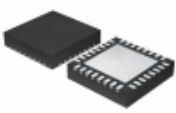
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PRODUCT PARAMETER			
Part Number	ATTINY87-A15SZ	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 8KB FLASH 20SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	134673 pcs	Data sheet	ATTINY87/167 Automotive
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	20-SOIC	Speed	16MHz
Series	Automotive, AEC-Q100, AVR® ATtiny	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	8KB (4K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Cut Tape (CT)
Package / Case	20-SOIC (0.295", 7.50mm Width)	Other Names	1611-ATTINY87-A15SZCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	16	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	512 x 8	Detailed Description	AVR Automotive, AEC-Q100, AVR® ATtiny Microcontroller IC 8-Bit 16MHz 8KB (4K x 16) FLASH 20-SOIC
Data Converters	A/D 11x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	IPc, LINbus, SPI, UART/USART, USI
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