

ATTINY45-15ST1



Part Number: [ATTINY45-15ST1](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 4KB FLASH 8SOIC

Data sheet:  [ATTINY25/45/85 Auto](#)

RoHs Status: Lead free / RoHS Compliant

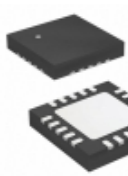
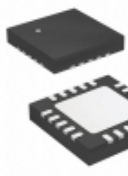
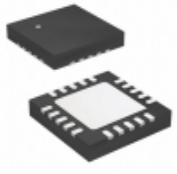
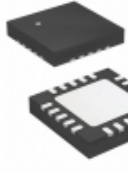
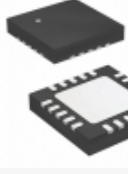
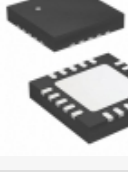
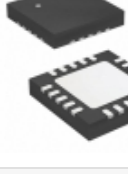
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATTINY45-15ST1	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 4KB FLASH 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	148589 pcs	Data sheet	ATTINY25/45/85 Auto
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	8-SOIC	Speed	16MHz
Series	Automotive, AEC-Q100, AVR® ATtiny	RAM Size	256 x 8
Program Memory Type	FLASH	Program Memory Size	4KB (2K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	8-SOIC (0.209", 5.30mm Width)	Other Names	1611-ATTINY45-15ST1CT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	6	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	256 x 8	Detailed Description	AVR Automotive, AEC-Q100, AVR® ATtiny Microcontroller IC 8-Bit 16MHz 4KB (2K x 16) FLASH 8-SOIC
Data Converters	A/D 4x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	USI
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	Part#: ATTINY45-20SU Description: IC MCU 8BIT 4KB FLASH 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATTINY45-15SZ Description: IC MCU 8BIT 4KB FLASH 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATTINY45-20SHR Description: IC MCU 8BIT 4KB FLASH 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATTINY45-15ST Description: IC MCU 8BIT 4KB FLASH 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATTINY44V-10PU Description: IC MCU 8BIT 4KB FLASH 14DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATTINY45-15MZ Description: IC MCU 8BIT 4KB FLASH 20WQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATTINY45-15MT Description: IC MCU 8BIT 4KB FLASH 20WQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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