

ATMEGA168-15MD



Part Number: [ATMEGA168-15MD](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 32QFN

Data sheet:  [ATmega88,168 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

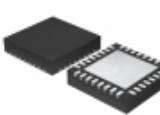
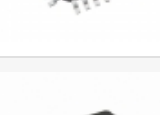
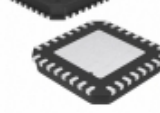
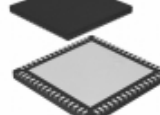
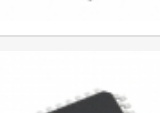
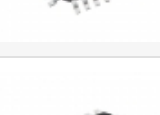
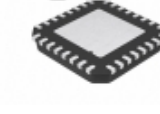
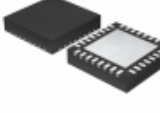
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PRODUCT PARAMETER			
Part Number	ATMEGA168-15MD	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4843 pcs	Data sheet	ATmega88,168 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	32-VQFN (5x5)	Speed	16MHz
Series	Automotive, AEC-Q100, AVR® ATmega	RAM Size	1K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (8K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	32-VFQFN Exposed Pad	Other Names	ATMEGA168-15MD-ND ATMEGA168-15MDTR ATMEGA16815MD
Oscillator Type	Internal	Operating Temperature	-40°C ~ 150°C (TA)
Number of I/O	23	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	512 x 8
Detailed Description	AVR Automotive, AEC-Q100, AVR® ATmega Microcontroller IC 8-Bit 16MHz 16KB (8K x 16) FLASH 32-VQFN (5x5)	Data Converters	A/D 8x10b
Core Size	8-Bit	Core Processor	AVR
Connectivity	I²C, SPI, UART/USART	Base Part Number	ATMEGA168
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