



Image may be representation.
See specifications for product details.

ATMEGA165V-8AU

Part Number: **ATMEGA165V-8AU**
 Product Description: IC MCU 8BIT 16KB FLASH 64TQFP
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [1.ATMEGA165V-8AU.pdf](#)
[2.ATMEGA165V-8AU.pdf](#)

Manufacturer/Brand: Micrel / Microchip Technology
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

Product details

Part Number	ATMEGA165V-8AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	1.ATMEGA165V-8AU.pdf2.ATMEGA165V-8AU.pdf		
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V	Supplier Device Package	64-TQFP (14x14)
Speed	8MHz	Series	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	Tray	Package / Case	64-TQFP
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	54	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	512 x 8
Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 16KB (8K x 16) FLASH 64-TQFP (14x14)	Data Converters	A/D 8x10b
Core Size	8-Bit	Core Processor	AVR
Connectivity	SPI, UART/USART, USI	Base Part Number	ATMEGA165

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