

ATMEGA16A-AUR



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Part Number: [ATMEGA16A-AUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 44TQFP

Data sheet:  [ATMEGA16A Summary](#)
 [ATMEGA16A Complete](#)

RoHs Status: Lead free / RoHS Compliant

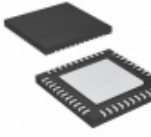
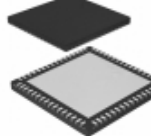
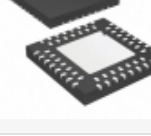
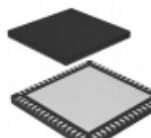
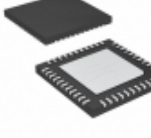
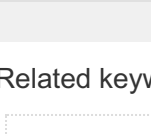
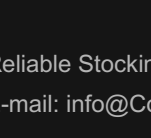
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PRODUCT PARAMETER			
Part Number	ATMEGA16A-AUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39862 pcs	Data sheet	ATMEGA16A Summary ATMEGA16A Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	44-TQFP (10x10)	Speed	16MHz
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	Tape & Reel (TR)
Package / Case	44-TQFP	Other Names	ATMEGA16A-AUR-ND ATMEGA16A-AURTR ATMEGA16AAUR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	32	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	512 x 8	Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 16KB (8K x 16) FLASH 44-TQFP (10x10)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	I²C, SPI, UART/USART
Base Part Number	ATMEGA16		

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