

ATMEGA406-1AAU



Part Number: [ATMEGA406-1AAU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 40KB FLASH 48LQFP

Data sheet:  [ATMEGA406 Summary](#)
 [ATMEGA406 Complete](#)

RoHs Status: Lead free / RoHS Compliant

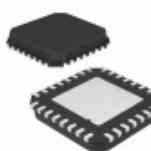
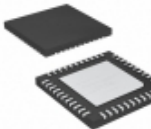
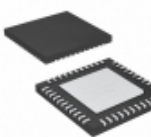
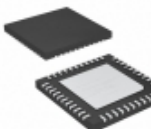
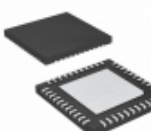
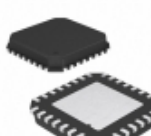
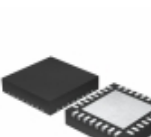
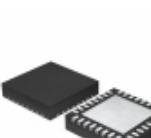
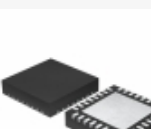
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PRODUCT PARAMETER			
Part Number	ATMEGA406-1AAU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 40KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16195 pcs	Data sheet	ATMEGA406 Summary ATMEGA406 Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4 V ~ 25 V
Supplier Device Package	48-LQFP (7x7)	Speed	1MHz
Series	AVR® ATmega	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	40KB (20K x 16)
Peripherals	POR, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	ATMEGA4061AAU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	18	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	9 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	512 x 8	Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 1MHz 40KB (20K x 16) FLASH 48-LQFP (7x7)
Data Converters	A/D 10x12b	Core Size	8-Bit
Core Processor	AVR	Connectivity	I²C
Base Part Number	ATMEGA406		
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