



Micrel / Microchip Technology

## ATMEGA164P-20AQR

Part Number:	ATMEGA164P-20AQR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 16KB FLASH 44TQFP
Datasheets:	<a href="#">1.ATMEGA164P-20AQR.pdf</a> <a href="#">2.ATMEGA164P-20AQR.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	42941 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of ATMEGA164P-20AQR

PART NUMBER	ATMEGA164P-20AQR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 16KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	42941 pcs
DATA SHEET	<a href="#">1.ATMEGA164P-20AQR.pdf</a> <a href="#">2.ATMEGA164P-20AQR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-TQFP (10x10)
SPEED	20MHz
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	Cut Tape (CT)
PACKAGE / CASE	44-TQFP
OTHER NAMES	1611-ATMEGA164P-20AQRCT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	32
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 20MHz 16KB (8K x 16) FLASH 44-TQFP (10x10)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	8-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART

### Related Tags

Micrel / Microchip Technology ATMEGA164P-20AQR	ATMEGA164P-20AQR Distributor	ATMEGA164P-20AQR Supplier
ATMEGA164P-20AQR Price	ATMEGA164P-20AQR Pictures	ATMEGA164P-20AQR Image
ATMEGA164P-20AQR PDF Datasheet	ATMEGA164P-20AQR Download Datasheet	ATMEGA164P-20AQR Datasheet
ATMEGA164P-20AQR Stock	Buy ATMEGA164P-20AQR	Buy Micrel / Microchip Technology ATMEGA164P-20AQR
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Micrel / Microchip Technology ATMEGA164P-20AQR	Microchip Technology ATMEGA164P-20AQR	Roving Networks / Microchip Technology ATMEGA164P-20AQR

### Related Products

<p><b>ATMEGA164P-20AUR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44TQFP                  In stock: 31014 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA164P-20MCU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44VQFN                  In stock: 6141 pcs  <a href="#">RFQ</a></p>
<p><b>ATMEGA164P-20MQ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44VQFN                  In stock: 32121 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA164P-20MCUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44VQFN                  In stock: 4248 pcs  <a href="#">RFQ</a></p>
<p><b>ATMEGA164P-20AU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44TQFP                  In stock: 27934 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA164P-20AQR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44TQFP                  In stock: 26291 pcs  <a href="#">RFQ</a></p>
<p><b>ATMEGA164P-20AQ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44TQFP                  In stock: 30971 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA164P-15MZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44QFN                  In stock: 3796 pcs  <a href="#">RFQ</a></p>
<p><b>ATMEGA164P-15MT1</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44QFN                  In stock: 6079 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA164P-15AZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44TQFP                  In stock: 2874 pcs  <a href="#">RFQ</a></p>
<p><b>ATMEGA164P-20AUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44TQFP                  In stock: 26429 pcs  <a href="#">RFQ</a></p>	<p><b>ATMEGA164P-15MT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 16KB FLASH 44QFN                  In stock: 5171 pcs  <a href="#">RFQ</a></p>

