


Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAMD20E14A-AU

Part Number:	ATSAMD20E14A-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 16KB FLASH 32TQFP
	PDF 1.ATSAMD20E14A-AU.pdf PDF 2.ATSAMD20E14A-AU.pdf PDF 3.ATSAMD20E14A-AU.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	58782 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

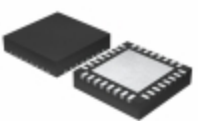
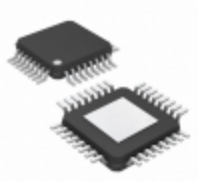
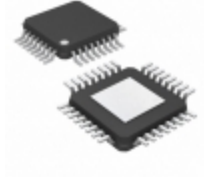
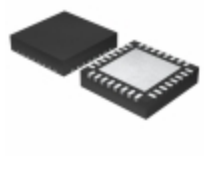
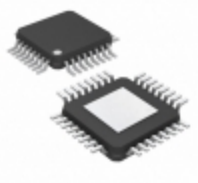
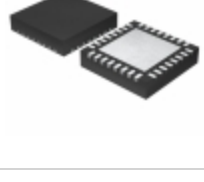
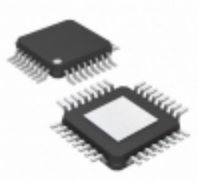
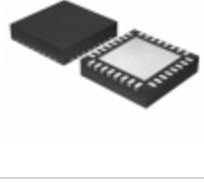
Specifications of ATSAMD20E14A-AU

PART NUMBER	ATSAMD20E14A-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 16KB FLASH 32TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	58782 pcs
DATA SHEET	PDF 1.ATSAMD20E14A-AU.pdf PDF 2.ATSAMD20E14A-AU.pdf PDF 3.ATSAMD20E14A-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-TQFP (7x7)
SPEED	48MHz
SERIES	SAM D20E
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	32-TQFP
OTHER NAMES	Q7846549
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	26
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM D20E Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 32-TQFP (7x7)
DATA CONVERTERS	A/D 10x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	ATSAMD20E14

Related Tags

Micrel / Microchip Technology ATSAMD20E14A-AU	ATSAMD20E14A-AU Distributor	ATSAMD20E14A-AU Supplier
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Related Products

 ATSAMD11D14A-UUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 16KB FLASH 20WLCSP In stock: 33578 pcs RFQ	 ATSAMD20E14A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32QFN In stock: 63074 pcs RFQ
 ATSAMD20-XPRO Manufacturers: Micrel / Microchip Technology Description: EVAL KIT XPLAINED PRO CORTEX-M0+ In stock: 1286 pcs RFQ	 ATSAMD20E14B-AU Manufacturers: Micrel / Microchip Technology Description: 32TQFP IND TEMP, GREEN,1.6-3.6V, In stock: 51878 pcs RFQ
 ATSAMD20E14A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32TQFP In stock: 60306 pcs RFQ	 ATSAMD20-QTRDEMO Manufacturers: Micrel / Microchip Technology Description: DEMO KIT FOR SAMD20 In stock: 505 pcs RFQ
 ATSAMD20E14A-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32QFN In stock: 71162 pcs RFQ	 ATSAMD20E14A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32TQFP In stock: 61171 pcs RFQ
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