



Micrel / Microchip Technology

ATSAMD10D14A-SSNT

Part Number:	ATSAMD10D14A-SSNT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 16KB FLASH 20SOIC
Datasheets:	1.ATSAMD10D14A-SSNT.pdf 2.ATSAMD10D14A-SSNT.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	84087 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 ATSAMD10D14A-SSNT

PART NUMBER	ATSAMD10D14A-SSNT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 16KB FLASH 20SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	84087 pcs
DATA SHEET	1.ATSAMD10D14A-SSNT.pdf 2.ATSAMD10D14A-SSNT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	20-SOIC
SPEED	48MHz
SERIES	SAM D10D
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	20-SOIC (0.295", 7.50mm Width)
OTHER NAMES	ATSAMD10D14A-SSNTTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	18
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM D10D Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 20-SOIC
DATA CONVERTERS	A/D 8x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I ² C, LINbus, SPI, UART/USART

Related Tags

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