

ATSAMD20E14B-AUT



Part Number: [ATSAMD20E14B-AUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: 32TQFP IND TEMP, GREEN,1.6-3.6V,

Data sheet:  [SAM D20\(E,G,J\) Summary](#)
 [SAM D20 Family Silicon Errata](#)
 [SAM D20 Family Complete Datasheet](#)

RoHs Status:

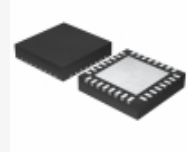
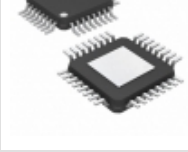
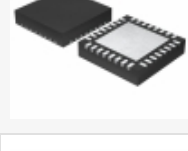
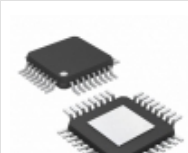
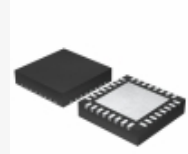
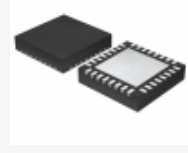
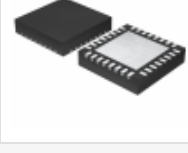
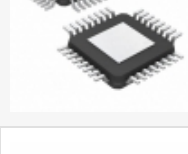
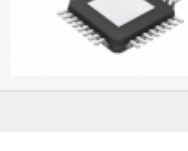
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PRODUCT PARAMETER			
Part Number	ATSAMD20E14B-AUT	Manufacturer	Micrel / Microchip Technology
Description	32TQFP IND TEMP, GREEN,1.6-3.6V,	Lead Free Status / RoHS Status	
Quantity Available	68191 pcs	Data sheet	SAM D20(E,G,J) Summary SAM D20 Family Silicon Errata SAM D20 Family Complete Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Datasheet 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	Original-Reel®
Package / Case	32-TQFP	Other Names	ATSAMD20E14B-AUTDKR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	26	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	22 Weeks	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	IPC, SPI, UART/USART		
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