

ATSAMA5D27C-D1G-CUR



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Part Number: [ATSAMA5D27C-D1G-CUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: BGA GREEN, IND TEMP,MRLC,1GBIT D

Data sheet:  [SAMA5D2 SIP](#)

RoHs Status:

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAMA5D27C-D1G-CUR	Manufacturer	Micrel / Microchip Technology
Description	BGA GREEN, IND TEMP,MRLC,1GBIT D	Lead Free Status / RoHS Status	
Quantity Available	6943 pcs	Data sheet	SAMA5D2 SIP
Category	Integrated Circuits (ICs)	Voltage - I/O	3.3V
USB	USB 2.0 + HSIC	Supplier Device Package	289-TFBGA (14x14)
Speed	500MHz	Series	SAMA5D2
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC	SATA	-
RAM Controllers	LPDDR1, LPDDR2, LPDDR3, DDR2, DDR3, DDR3L, QSPI	Packaging	Tray
Package / Case	289-TFBGA	Operating Temperature	-40°C ~ 85°C (TA)
Number of Cores/Bus Width	1 Core, 32-Bit	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	8 Weeks	Graphics Acceleration	Yes
Ethernet	10/100 Mbps (1)	Display & Interface Controllers	Keyboard, LCD, Touchscreen
Detailed Description	ARM® Cortex®-A5 Microprocessor IC SAMA5D2 1 Core, 32-Bit 500MHz 289-TFBGA (14x14)	Core Processor	ARM® Cortex®-A5
Co-Processors/DSP	Multimedia; NEON™ MPE	Base Part Number	ATSAMA5D27
Additional Interfaces	PC, SMC, SPI, UART, USART, QSPI		
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