

Specifications	
Part Number	ATSAMA5D42B-CU
Manufacturer	Micrel / Microchip Technology
Description	BGA GREEN, IND TEMP,MRLB
Category	Integrated Circuits (ICs) > Embedded - Microprocessors
Part Status	2636 pcs Stock
Voltage - I/O	1.2V, 1.8V, 3.3V
USB	USB 2.0 (3)
Supplier Device Package	361-TFBGA (16x16)
Speed	600MHz
Series	SAMA5D4
Security Features	AES, SHA, TDES, TRNG
SATA	-
RAM Controllers	LPDDR, LPDDR2, DDR2
Packaging	Tray
Package / Case	361-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	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Graphics Acceleration	Yes
Ethernet	10/100 Mbps (1)
Display & Interface Controllers	LCD, Touchscreen
Detailed Description	ARM® Cortex®-A5 Microprocessor IC SAMA5D4 1 Core,
Core Processor	ARM® Cortex®-A5
Co-Processors/DSP	Multimedia; NEON™ SIMD
Base Part Number	ATSAMA5D42
Additional Interfaces	EBI, I²C, MMC/SD/SDIO, SPI, SSC, UART, USART

In: ATSAMA5D42A-CUR Microchip Technology IC MCU 32BIT 128KB ROM 361TFBGA	ATSAMA5D42A-CUR Microchip Technology IC MCU 32BIT 128KB ROM 361TFBGA	ATSAMA5D42B-CUR Micrel / Microchip Technology BGA GREEN, IND TEMP	ATSAMA5D43A-CUR Microchip Technology IC MCU 32BIT 128KB ROM 289LFBGA
ATSAMA5D41B-CUR Micrel / Microchip Technology BGA GREEN, IND TEMP	ATSAMA5D42A-CU Microchip Technology IC MCU 32BIT 128KB ROM 361TFBGA	ATSAMA5D41B-CU Micrel / Microchip Technology BGA GREEN, IND TEMP,MRLB	ATSAMA5D43A-CU Microchip Technology IC MCU 32BIT 128KB ROM 289LFBGA

More

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