

**ATSAMA5D27C-LD2G-CU Information**


For Reference Only

**Part Number** [ATSAMA5D27C-LD2G-CU](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microprocessors](#)  
**Description** CORTEX-A5 MPU 2GBIT LPDDR2 BGA I  
**Package** 361-TFBGA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**ATSAMA5D27C-LD2G-CU Specifications**

Manufacturer Part Number	<a href="#">ATSAMA5D27C-LD2G-CU</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microprocessors</a>
Package	361-TFBGA
Series	SAMA5D2
Core Processor	ARM® Cortex®-A5
Number of Cores/Bus Width	1 Core, 32-Bit
Speed	500MHz
Co-Processors/DSP	Multimedia; NEON™ MPE
RAM Controllers	LPDDR1, LPDDR2, LPDDR3, DDR2, DDR3, DDR3L, QSPI
Graphics Acceleration	Yes
Display & Interface Controllers	Keyboard, LCD, Touchscreen
Ethernet	10/100Mbps (1)
SATA	-
USB	USB 2.0 + HSIC
Voltage - I/O	3.3V
Operating Temperature	-40°C ~ 85°C (TA)
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC
Package / Case	361-TFBGA
Supplier Device Package	361-TFBGA (16x16)

[Report errors?](#)

## ATSAMA5D27C-LD2G-CU Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## ATSAMA5D27C-LD2G-CU Payment Methods



## ATSAMA5D27C-LD2G-CU Shipping Methods



If you have any question about ATSAMA5D27C-LD2G-CU, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)