

**ATSAMA5D27C-LD2G-CUR Information**


For Reference Only

**Part Number** [ATSAMA5D27C-LD2G-CUR](#)  
**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-CUR Specifications**

|                                 |   |
|---------------------------------|---|
| Manufacturer Part Number        | <a href="#">ATSAMA5D27C-LD2G-CUR</a>  |
| Manufacturer                    | Microchip Technology  |
| Category                        | Integrated Circuits (ICs)<br><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-CUR 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-CUR Payment Methods



## ATSAMA5D27C-LD2G-CUR Shipping Methods



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

Website: <https://www.heisener.com>

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