

**AM4378BZDND100 Information**


For Reference Only

**Part Number** [AM4378BZDND100](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Embedded - Microprocessors](#)  
**Description** MOD ARM CORTEX-A9 491NFBGA  
**Package** 491-LFBGA  
 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.


**AM4378BZDND100 Specifications**

|                                 |   |
|---------------------------------|---|
| Manufacturer Part Number        | <a href="#">AM4378BZDND100</a>  |
| Manufacturer                    | Texas Instruments   |
| Category                        | Integrated Circuits (ICs)<br><a href="#">Embedded - Microprocessors</a> |
| Package                         | 491-LFBGA   |
| Series                          | Sitara?   |
| Core Processor                  | ARM? Cortex?-A9   |
| Number of Cores/Bus Width       | 1 Core, 32-Bit  |
| Speed                           | 1.0GHz  |
| Co-Processors/DSP               | Multimedia; NEON? SIMD  |
| RAM Controllers                 | LPDDR2, DDR3, DDR3L   |
| Graphics Acceleration           | Yes   |
| Display & Interface Controllers | TSC, WXGA   |
| Ethernet                        | 10/100/1000 Mbps (2)  |
| SATA                            | -   |
| USB                             | USB 2.0 + PHY (2)   |
| Voltage - I/O                   | 1.8V, 3.3V  |
| Operating Temperature           | -40°C ~ 90°C (TJ)   |
| Security Features               | Crypto Accelerator  |
| Package / Case                  | 491-LFBGA   |
| Supplier Device Package         | 491-NFBGA (17x17)   |

[Report errors?](#)

## AM4378BZDND100 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.

## AM4378BZDND100 Payment Methods



## AM4378BZDND100 Shipping Methods



If you have any question about AM4378BZDND100, please do not hesitate to contact us!

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

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