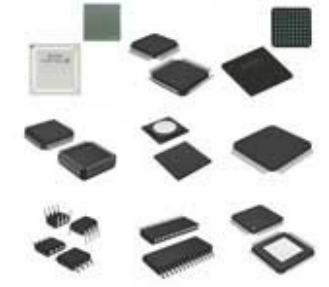


|                      |                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>AM4378BZDN100</b> |                                                                                                                                   |
| Part Number          | <a href="#">AM4378BZDN100</a>                                                                                                     |
| Manufacturer         | N/A                                                                                                                               |
| Description          | MOD ARM CORTEX-A9 491NFBGA                                                                                                        |
| Quantity Available   | 2510 pcs in stock                                                                                                                 |
| Datasheets           |                                                                                                                                   |
| AM4378BZDN100 Price  | <a href="#">Request Price &amp; Lead Time Online</a><br>or Email us: <a href="mailto:Info@ariat-tech.com">Info@ariat-tech.com</a> |


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| Technical Information of AM4378BZDN100 |                                                                                 |                                  |                                                                                   |
|----------------------------------------|---------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------|
| Manufacturer Part Number               | <a href="#">AM4378BZDN100</a>                                                   | Category                         | Integrated Circuits (ICs)                                                         |
| Manufacturer                           | N/A                                                                             | Description                      | MOD ARM CORTEX-A9 491NFBGA                                                        |
| Package / Case                         | Tray                                                                            | Quantity Available               | 2510                                                                              |
| Voltage - I/O                          | 1.8V, 3.3V                                                                      | USB                              | USB 2.0 + PHY (2)                                                                 |
| Supplier Device Package                | 491-NFBGA (17x17)                                                               | Speed                            | 1.0GHz                                                                            |
| Series                                 | Sitara™                                                                         | Security Features                | Crypto Accelerator                                                                |
| SATA                                   | -                                                                               | RAM Controllers                  | LPDDR2, DDR3, DDR3L                                                               |
| Packaging                              | Tray                                                                            | Package / Case                   | 491-LFBGA                                                                         |
| Other Names                            | 296-42757<br>AM4378BZDN100-ND                                                   | Operating Temperature            | 0°C ~ 90°C (TJ)                                                                   |
| Number of Cores/Bus Width              | 1 Core, 32-Bit                                                                  | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                     |
| Manufacturer Standard Lead Time        | 26 Weeks                                                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                        |
| Graphics Acceleration                  | Yes                                                                             | Ethernet                         | 10/100/1000 Mbps (2)                                                              |
| Display & Interface Controllers        | TSC, WXGA                                                                       | Detailed Description             | ARM® Cortex®-A9 Microprocessor IC Sitara™ 1 Core, 32-Bit 1.0GHz 491-NFBGA (17x17) |
| Core Processor                         | ARM® Cortex®-A9                                                                 | Co-Processors/DSP                | Multimedia; NEON™ SIMD                                                            |
| Additional Interfaces                  | CAN, HDQ/1-Wire, I <sup>2</sup> C, McASP, MMC/SD/SDIO, QSPI, SPI, SD/SDIO, UART |                                  |                                                                                   |

AM4378BZDN100 2510pcs New and Original in Stock, Find AM4378BZDN100 Stock, Datasheet, PDF, Inventory at Ariat-Tech.com Online, Order AM4378BZDN100 with warrantied and confidence. RFQ AM4378BZDN100 : [Info@Ariat-Tech.com](mailto:Info@Ariat-Tech.com)

| Related parts for AM4378BZDN100 |                                |                            |              |          |
|---------------------------------|--------------------------------|----------------------------|--------------|----------|
| Image                           | Part Number                    | Description                | Manufacturer | Quantity |
|                                 | <a href="#">AM4378BZDND80</a>  | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2554 pcs |
|                                 | <a href="#">AM4376BZDNA80</a>  | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2595 pcs |
|                                 | <a href="#">AM4378BZDNA80</a>  | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2658 pcs |
|                                 | <a href="#">AM4379BZDNA100</a> | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2535 pcs |
|                                 | <a href="#">AM4376BZDNA100</a> | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2617 pcs |
|                                 | <a href="#">AM4376BZDND80</a>  | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2561 pcs |
|                                 | <a href="#">AM4378BZDNA100</a> | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2698 pcs |
|                                 | <a href="#">AM4376BZDND30</a>  | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2631 pcs |
|                                 | <a href="#">AM4377BZDNA80</a>  | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2650 pcs |
|                                 | <a href="#">AM4378BZDN80</a>   | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2607 pcs |
|                                 | <a href="#">AM4392N</a>        | AM4392N ANALOGPO           | ANALOGPO     | 2800 pcs |
|                                 | <a href="#">AM4377BZDND80</a>  | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2547 pcs |
|                                 | <a href="#">AM4377BZDND100</a> | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2517 pcs |
|                                 | <a href="#">AM4392N-T1-PF</a>  | AM4392N-T1-PF Analogpower  | Analogpower  | 2608 pcs |
|                                 | <a href="#">AM4378BZDND100</a> | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2527 pcs |
|                                 | <a href="#">AM4377BZDNA100</a> | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2687 pcs |
|                                 | <a href="#">AM4390N</a>        | AM4390N ANALOGPOW          | ANALOGPOW    | 2532 pcs |
|                                 | <a href="#">AM4376BZDN80</a>   | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2557 pcs |
|                                 | <a href="#">AM4376BZDND100</a> | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2654 pcs |
|                                 | <a href="#">AM4379BZDNA80</a>  | MOD ARM CORTEX-A9 491NFBGA | N/A          | 2598 pcs |

|                         |                                  |                           |                            |
|-------------------------|----------------------------------|---------------------------|----------------------------|
| AM4378BZDN100 Stock     | AM4378BZDN100 Price              | AM4378BZDN100 Electronics | AM4378BZDN100 Components   |
| AM4378BZDN100 Inventory | AM4378BZDN100 Digikey            | Supplier AM4378BZDN100    | Order AM4378BZDN100 Online |
| Inquiry AM4378BZDN100   | AM4378BZDN100 Image              | AM4378BZDN100 Picture     | AM4378BZDN100 PDF          |
| AM4378BZDN100 Datasheet | Download AM4378BZDN100 Datasheet | Manufacturer              |                            |