



AM4376BZDND100

|                     |                            |
|---------------------|----------------------------|
| Part Number:        | AM4376BZDND100             |
| Manufacturer/Brand: | N/A                        |
| Product description | MOD ARM CORTEX-A9 491NFBGA |
| Datasheets:         |                            |
| RoHs Status         | Lead free / RoHS Compliant |
| Ship From           | Hong Kong                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS      |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of AM4376BZDND100

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | AM4376BZDND100                                                                    |
| MANUFACTURER                     | N/A                                                                               |
| DESCRIPTION                      | MOD ARM CORTEX-A9 491NFBGA                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| DATA SHEET                       |                                                                                   |
| 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                      | 296-42750<br>AM4376BZDND100-ND                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 90°C (TJ)                                                                 |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| GRAPHICS ACCELERATION            | No                                                                                |
| 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, I²C, McASP, MMC/SD/SDIO, QSPI, SPI, SD/SDIO, UART                |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| AM4376BZDND100               | AM4376BZDND100 Distributor        | AM4376BZDND100 Supplier  |
| AM4376BZDND100 Price         | AM4376BZDND100 Pictures           | AM4376BZDND100 Image     |
| AM4376BZDND100 PDF Datasheet | AM4376BZDND100 Download Datasheet | AM4376BZDND100 Datasheet |
| AM4376BZDND100 Stock         | Buy AM4376BZDND100                | Buy AM4376BZDND100       |
| AM4376BZDND100               | Supplier                          | Distributor              |

Related Products

|                                                                                                                                                       |                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>AM4372BZDNA80</b><br/>Manufacturers: N/A<br/>Description: AEGIS 1.3 .8G EXT TEMP<br/>In stock: 8389 pcs<br/><b>RFQ</b></div>      | <div></div> <div><b>AM4377BZDND100</b><br/>Manufacturers: N/A<br/>Description: MOD ARM CORTEX-A9 491NFBGA<br/>In stock: 5097 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>AM4377BZDNA100</b><br/>Manufacturers: N/A<br/>Description: MOD ARM CORTEX-A9 491NFBGA<br/>In stock: 4106 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>AM4376BZDND80</b><br/>Manufacturers: N/A<br/>Description: MOD ARM CORTEX-A9 491NFBGA<br/>In stock: 9207 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>AM4376BZDND30</b><br/>Manufacturers: N/A<br/>Description: MOD ARM CORTEX-A9 491NFBGA<br/>In stock: 9836 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>AM4376BZDND80</b><br/>Manufacturers: N/A<br/>Description: MOD ARM CORTEX-A9 491NFBGA<br/>In stock: 10377 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>AM4377BZDNA80</b><br/>Manufacturers: N/A<br/>Description: MOD ARM CORTEX-A9 491NFBGA<br/>In stock: 6387 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>AM4372BZDNA60</b><br/>Manufacturers: N/A<br/>Description: SITARA CORTEX-A9 PROCESSOR<br/>In stock: 7371 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>AM4376BZDNA100</b><br/>Manufacturers: N/A<br/>Description: MOD ARM CORTEX-A9 491NFBGA<br/>In stock: 6079 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>AM4376BZDNA80</b><br/>Manufacturers: N/A<br/>Description: MOD ARM CORTEX-A9 491NFBGA<br/>In stock: 6721 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>AM4377BZDND80</b><br/>Manufacturers: N/A<br/>Description: MOD ARM CORTEX-A9 491NFBGA<br/>In stock: 6508 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>AM4376BZDN100</b><br/>Manufacturers: N/A<br/>Description: MOD ARM CORTEX-A9 491NFBGA<br/>In stock: 9242 pcs<br/><b>RFQ</b></div>  |