

AM4376BZDNA80



COMPONENTS-WORLD.COM

Part Number: [AM4376BZDNA80](#)

Manufacturer: N/A

Description: MOD ARM CORTEX-A9 491NFBGA

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                   |                                 |                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | AM4376BZDNA80                                                                     | Manufacturer                    | N/A                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | MOD ARM CORTEX-A9 491NFBGA                                                        | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 8262 pcs                                                                          | Data sheet                      |                                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                         | Voltage - I/O                   | 1.8V, 3.3V                                                         |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                      | USB 2.0 + PHY (2)                                                                 | Supplier Device Package         | 491-NFBGA (17x17)                                                  |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                    | 800MHz                                                                            | Series                          | Sitara™                                                            |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                        | Crypto Accelerator                                                                | SATA                            | -                                                                  |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                          | LPDDR2, DDR3, DDR3L                                                               | Packaging                       | Tray                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                           | 491-LFBGA                                                                         | Other Names                     | 296-42749<br>AM4376BZDNA80-ND                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 105°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 800MHz 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 |
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                   |                |
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|  | Part#: <a href="#">AM4376BZDN80</a><br>Description: MOD ARM CORTEX-A9 491NFBGA   | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">AM4376BZDND80</a><br>Description: MOD ARM CORTEX-A9 491NFBGA  | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">AM4376BZDND100</a><br>Description: MOD ARM CORTEX-A9 491NFBGA | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">AM4372BZDNA60</a><br>Description: SITARA CORTEX-A9 PROCESSOR  | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">AM4378BZDNA80</a><br>Description: MOD ARM CORTEX-A9 491NFBGA  | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">AM4</a><br>Description: SWITCH UNITPB OPER 30 MM NON ILL      | Manufacturers: <a href="#">Altech Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM4376BZDNA100</a><br>Description: MOD ARM CORTEX-A9 491NFBGA | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">AM4</a><br>Description: CAP TRIMMER 1000V VERT SMD            | Manufacturers: <a href="#">Knowles Voltronics</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AM4376BZDND30</a><br>Description: MOD ARM CORTEX-A9 491NFBGA  | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">AM4377BZDNA100</a><br>Description: MOD ARM CORTEX-A9 491NFBGA | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">AM4372BZDN60</a><br>Description: SITARA CORTEX-A9 PROCESSOR   | Manufacturers: <a href="#">N/A</a>                | <div>RFQ</div> |
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