

AM3356BZCZ80



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Part Number: [AM3356BZCZ80](#)

Manufacturer: [N/A](#)

Description: [IC MPU SITARA 800MHZ 324NFBGA](#)

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                                                                                                                                                                                                                                                                                                                                                                                                              | AM3356BZCZ80                                                                     | Manufacturer                    | N/A                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC MPU SITARA 800MHZ 324NFBGA                                                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 10051 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         | 324-NFBGA(15x15)               |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                    | 800MHz                                                                           | Series                          | Sitara™                        |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                        | Cryptography, Random Number Generator                                            | SATA                            | -                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                          | LPDDR, DDR2, DDR3, DDR3L                                                         | Packaging                       | Tray                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                           | 324-LFBGA                                                                        | Other Names                     | 296-42902-5<br>AM3356BZCZ80-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 | 8 Weeks                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                                       | Graphics Acceleration           | Yes                            |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                 | 10/100/1000 Mbps (2)                                                             | Display & Interface Controllers | LCD, Touchscreen               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                     | ARM® Cortex®-A8 Microprocessor IC Sitara™ 1 Core, 32-Bit 800MHz 324-NFBGA(15x15) | Core Processor                  | ARM® Cortex®-A8                |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                        | Multimedia; NEON™ SIMD                                                           | Base Part Number                | AM3356                         |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                    | CAN, I²C, McASP, McSPI, MMC/SD/SDIO, UART                                        |                                 |                                |
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| RELATED PRODUCTS                                                                   |                                                                                                    |                                    |                |
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|  | Part#: <a href="#">AM3356BZCZA80</a><br>Description: <a href="#">IC MPU SITARA 800MHZ 324NFBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3357BZCZA30</a><br>Description: <a href="#">IC MPU SITARA 300MHZ 324NFBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3354ZCZD72</a><br>Description: <a href="#">IC MPU SITARA 720MHZ 324NFBGA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3354BZCZD80</a><br>Description: <a href="#">IC MPU SITARA 800MHZ 324NFBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3357BZCZA80</a><br>Description: <a href="#">IC MPU SITARA 800MHZ 324NFBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3356BZCZA30</a><br>Description: <a href="#">IC MPU SITARA 300MHZ 324NFBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3356BZCZD80</a><br>Description: <a href="#">IC MPU SITARA 800MHZ 324NFBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3356BZCZ60</a><br>Description: <a href="#">IC MPU SITARA 600MHZ 324NFBGA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3356BZCEA60</a><br>Description: <a href="#">IC MPU</a>                        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3357BZCZD30</a><br>Description: <a href="#">IC MPU SITARA 300MHZ 324NFBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3357BZCZA60</a><br>Description: <a href="#">IC MPU SITARA 600MHZ 324NFBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3354BZCZD60</a><br>Description: <a href="#">IC MPU SITARA 600MHZ 324NFBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3356BZCZ30</a><br>Description: <a href="#">IC MPU SITARA 300MHZ 324NFBGA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3354ZCZ80</a><br>Description: <a href="#">IC MPU SITARA 800MHZ 324NFBGA</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3354WITSD</a><br>Description: <a href="#">IC MPU ARM CORTEX SITARA NFBGA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3356BZCZD60</a><br>Description: <a href="#">IC MPU SITARA 600MHZ 324NFBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3354ZCED50</a><br>Description: <a href="#">IC MPU SITARA 500MHZ 298NFBGA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3356BZCZA60</a><br>Description: <a href="#">IC MPU SITARA 600MHZ 324NFBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3354ZCZ60</a><br>Description: <a href="#">IC MPU SITARA 600MHZ 324NFBGA</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AM3356BZCZD30</a><br>Description: <a href="#">IC MPU SITARA 300MHZ 324NFBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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