



NXP Semiconductors / Freescale

XC56309VF100AR2

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC56309VF100AR2                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                        |
| Product description | IC DSP 24BIT 100MHZ 196-MABGA                                                                                         |
| Datasheets:         |  <a href="#">XC56309VF100AR2.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant  |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

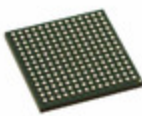
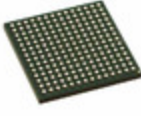
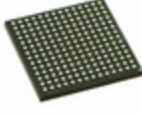
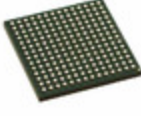
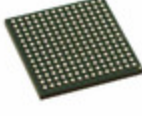
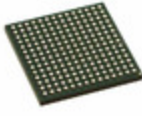
Specifications of XC56309VF100AR2

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC56309VF100AR2                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                          |
| DESCRIPTION                      | IC DSP 24BIT 100MHZ 196-MABGA                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                      |
| DATA SHEET                       |  <a href="#">XC56309VF100AR2.pdf</a> |
| VOLTAGE - I/O                    | 3.30V                                                                                                                   |
| VOLTAGE - CORE                   | 3.30V                                                                                                                   |
| TYPE                             | Fixed Point                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 196-MAPBGA (15x15)                                                                                                      |
| SERIES                           | DSP563xx                                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                                        |
| PACKAGE / CASE                   | 196-LBGA                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TJ)                                                                                                      |
| ON-CHIP RAM                      | 24kB                                                                                                                    |
| NON-VOLATILE MEMORY              | ROM (576 B)                                                                                                             |
| MOUNTING TYPE                    | Surface Mount                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                      |
| INTERFACE                        | Host Interface, SSI, SCI                                                                                                |
| CLOCK RATE                       | 100MHz                                                                                                                  |
| BASE PART NUMBER                 | XC56309                                                                                                                 |

Related Tags

|                                                |                                         |                                                    |
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| NXP Semiconductors / Freescale XC56309VF100AR2 | XC56309VF100AR2 Distributor             | XC56309VF100AR2 Supplier                           |
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| Freescale Semiconductor - NXP XC56309VF100AR2  | NXP USA Inc. XC56309VF100AR2            |                                                    |

Related Products

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|  <div><b>XC56L307VL160</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 24BIT FIXED POINT 196-BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>XC56309AG100AR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 24BIT 100MHZ 144-LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>XC56309AG100A</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 24BIT 100MHZ 144-TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>XC56309VF100A</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 24BIT FIXED-POINT 196-BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>XC56L307VL150</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 24BIT 150MHZ 196-MABGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>XC56309VL100AR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 24BIT 100MHZ 196-MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>XC56L307VF160</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 24BIT FIXED POINT 196-BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>XC5210-6PQ208C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 164 I/O 208QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  |
|  <div><b>XC5210-6PQ240C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 196 I/O 240QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  |  <div><b>XC5210-6TQ144C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 117 I/O 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>                                 |
|  <div><b>XC56309VL100A</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 24BIT 100MHZ 196-MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>XC5A-0122</b><br/>Manufacturers: Omron<br/>Description: CONNECTR 100POS RT-ANGL TERM DIN<br/>In stock: Out stock<br/><div>RFQ</div></div>                              |