



Altera (Intel® Programmable

Solutions Group)

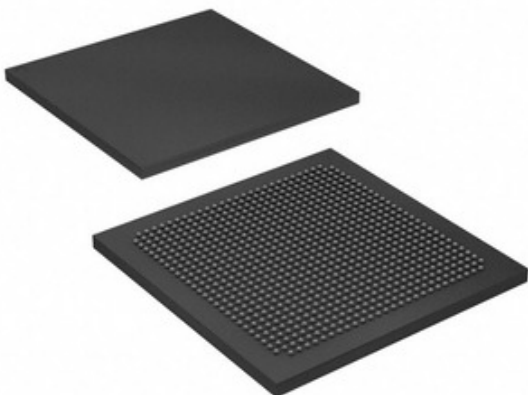


Image may be representation. See specifications for product details.

EP4SGX360FH29C2XN

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:                                                               | EP4SGX360FH29C2XN                                                                                                                                                                                                                                                                                                                                                              |
| Manufacturer/Brand:                                                        | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                   |
| Product description                                                        | IC FPGA 289 I/O 780HBGA <div><div>PDF</div>1.EP4SGX360FH29C2XN.pdf</div> <div><div>PDF</div>2.EP4SGX360FH29C2XN.pdf</div> <div><div>PDF</div>3.EP4SGX360FH29C2XN.pdf</div> <div><div>PDF</div>4.EP4SGX360FH29C2XN.pdf</div> <div><div>PDF</div>5.EP4SGX360FH29C2XN.pdf</div> <div><div>PDF</div>6.EP4SGX360FH29C2XN.pdf</div> <div><div>PDF</div>7.EP4SGX360FH29C2XN.pdf</div> |
| Datasheets:                                                                |                                                                                                                                                                                                                                                                                                                                                                                |
| RoHs Status                                                                | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                                                                                                           |
| Stock Condition                                                            | 10 pcs stock                                                                                                                                                                                                                                                                                                                                                                   |
| Ship From                                                                  | Hong Kong                                                                                                                                                                                                                                                                                                                                                                      |
| <div>REQUEST FOR QUOTATION</div> <div>by Air/Sea/Express/TNT/UPS/EMS</div> |                                                                                                                                                                                                                                                                                                                                                                                |

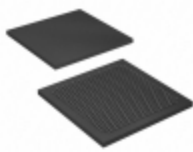
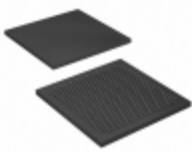
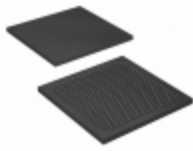
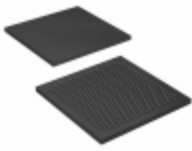
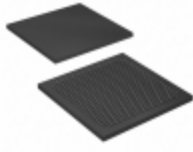
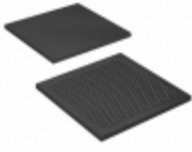
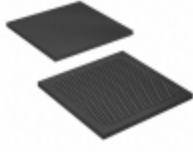
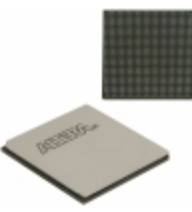
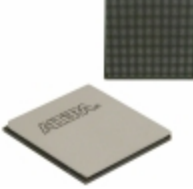
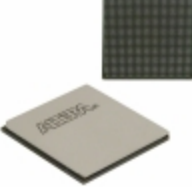
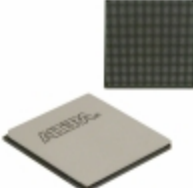
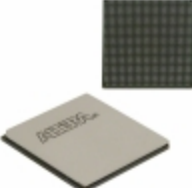
Specifications of EP4SGX360FH29C2XN

|                                  |                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4SGX360FH29C2XN                                                                                                                                                                                                                                                                                                                                      |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC FPGA 289 I/O 780HBGA                                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 10 pcs                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       | <div><div>PDF</div>1.EP4SGX360FH29C2XN.pdf</div> <div><div>PDF</div>2.EP4SGX360FH29C2XN.pdf</div> <div><div>PDF</div>3.EP4SGX360FH29C2XN.pdf</div> <div><div>PDF</div>4.EP4SGX360FH29C2XN.pdf</div> <div><div>PDF</div>5.EP4SGX360FH29C2XN.pdf</div> <div><div>PDF</div>6.EP4SGX360FH29C2XN.pdf</div> <div><div>PDF</div>7.EP4SGX360FH29C2XN.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                                                                                                                                        |
| TOTAL RAM BITS                   | 23105536                                                                                                                                                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 780-HBGA (33x33)                                                                                                                                                                                                                                                                                                                                       |
| SERIES                           | Stratix® IV GX                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 780-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 353600                                                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF LABS/CLBS              | 14144                                                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 289                                                                                                                                                                                                                                                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                             |
| BASE PART NUMBER                 | EP4SGX360                                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                                                   |                                                       |                                                                       |
|-------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EP4SGX360FH29C2XN | EP4SGX360FH29C2XN Distributor                         | EP4SGX360FH29C2XN Supplier                                            |
| EP4SGX360FH29C2XN Price                                           | EP4SGX360FH29C2XN Pictures                            | EP4SGX360FH29C2XN Image                                               |
| EP4SGX360FH29C2XN PDF Datasheet                                   | EP4SGX360FH29C2XN Download Datasheet                  | EP4SGX360FH29C2XN Datasheet                                           |
| EP4SGX360FH29C2XN Stock                                           | Buy EP4SGX360FH29C2XN                                 | Buy Altera (Intel® Programmable Solutions Group)<br>EP4SGX360FH29C2XN |
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Related Products

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| <div></div> <div>EP4SGX360FH29C4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 289 I/O 780HBGA</div> <div>In stock: 13 pcs</div> <div>RFQ</div>   | <div></div> <div>EP4SGX360FH29I3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 289 I/O 780HBGA</div> <div>In stock: 10 pcs</div> <div>RFQ</div>   |
| <div></div> <div>EP4SGX360FH29C2X</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 289 I/O 780HBGA</div> <div>In stock: 10 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4SGX360FH29C3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 289 I/O 780HBGA</div> <div>In stock: 12 pcs</div> <div>RFQ</div>   |
| <div></div> <div>EP4SGX360FH29I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 289 I/O 780HBGA</div> <div>In stock: 11 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4SGX360FH29C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 289 I/O 780HBGA</div> <div>In stock: 11 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP4SGX360FH29C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 289 I/O 780HBGA</div> <div>In stock: 17 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4SGX360FF35I4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 564 I/O 1152FBGA</div> <div>In stock: 10 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP4SGX360FF35I4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 564 I/O 1152FBGA</div> <div>In stock: 11 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4SGX360FF35C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 564 I/O 1152FBGA</div> <div>In stock: 17 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP4SGX360FF35I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 564 I/O 1152FBGA</div> <div>In stock: 11 pcs</div> <div>RFQ</div> | <div></div> <div>EP4SGX360FF35I3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 564 I/O 1152FBGA</div> <div>In stock: 8 pcs</div> <div>RFQ</div>   |