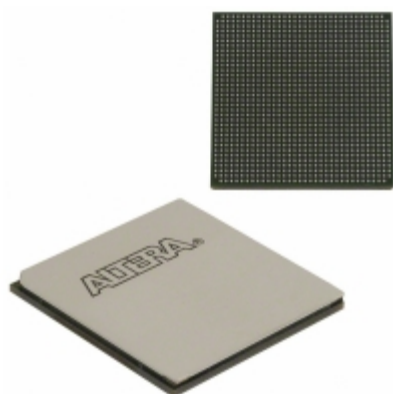


EP4SGX230FF35C3NES



Images are for reference only.  
See Product Specifications for product details.  
Buy EP4SGX230FF35C3NES with confidence from  
Component-World.HK, 1 Year Warranty



**Part Number:** EP4SGX230FF35C3NES

**Manufacturer:** [Altera \(Intel® Programmable Solutions Group\)](#)

**Description** IC FPGA 564 I/O 1152FBGA

**Data sheet:**  [Stratix IV Device Family Overview](#)  
 [Stratix IV Devices](#)  
 [Stratix IV Device Handbook Vol.4](#)  
 [Stratix IV GX Errata](#)  
 [Stratix IV Device Handbook Vol1](#)  
 [Stratix IV Device Handbook Vol.1](#)  
 [Virtual JTAG Megafuntion User Guide](#)

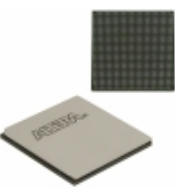
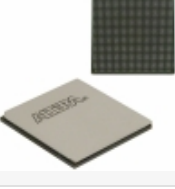
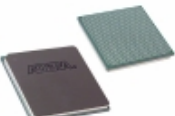
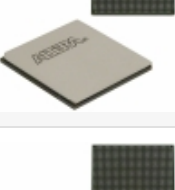
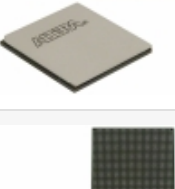
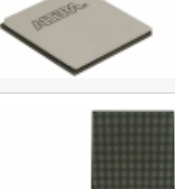
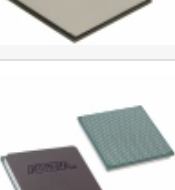
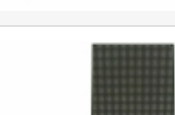
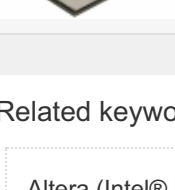
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EP4SGX230FF35C3NES                        | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                                                                                                                                                                                                                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC FPGA 564 I/O 1152FBGA                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5379 pcs                                  | Data sheet                       | <a href="#">Stratix IV Device Family Overview</a><br><a href="#">Stratix IV Devices</a><br><a href="#">Stratix IV Device Handbook Vol.4</a><br><a href="#">Stratix IV GX Errata</a><br><a href="#">Stratix IV Device Handbook Vol1</a><br><a href="#">Stratix IV Device Handbook Vol.1</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                                                                                                                                   |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17544192                                  | Supplier Device Package          | 1152-FBGA (35x35)                                                                                                                                                                                                                                                                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Stratix® IV GX                            | Package / Case                   | 1152-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 228000                                                                                                                                                                                                                                                                                                                                            |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9120                                      | Number of I/O                    | 564                                                                                                                                                                                                                                                                                                                                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Base Part Number                 | EP4SGX230                                                                                                                                                                                                                                                                                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Altera (Intel® Programmable Solutions Group) series electronic components. We have 5379 pieces of Altera (Intel® Programmable Solutions Group) EP4SGX230FF35C3NES in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                  |                                                                                                                                                                                                                                                                                                                                                   |

| RELATED PRODUCTS                                                                   |                                                                                   |                                                                             |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EP4SGX230HF35C3</a><br>Description: IC FPGA 564 I/O 1152FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230FF35I3</a><br>Description: IC FPGA 564 I/O 1152FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230DF29I3</a><br>Description: IC FPGA 372 I/O 780FBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230FF35C4</a><br>Description: IC FPGA 564 I/O 1152FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230DF29I4</a><br>Description: IC FPGA 372 I/O 780FBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230DF29C4N</a><br>Description: IC FPGA 372 I/O 780FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230FF35C3ES</a><br>Description: IC FPGA 564 I/O 1152FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230FF35C2XN</a><br>Description: IC FPGA 564 I/O 1152FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230FF35I4</a><br>Description: IC FPGA 564 I/O 1152FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230FF35C3</a><br>Description: IC FPGA 564 I/O 1152FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230HF35C2N</a><br>Description: IC FPGA 564 I/O 1152FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230FF35C3N</a><br>Description: IC FPGA 564 I/O 1152FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230FF35C2X</a><br>Description: IC FPGA 564 I/O 1152FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230FF35I4N</a><br>Description: IC FPGA 564 I/O 1152FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230DF29I4N</a><br>Description: IC FPGA 372 I/O 780FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230DF29I3N</a><br>Description: IC FPGA 372 I/O 780FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230FF35I3N</a><br>Description: IC FPGA 564 I/O 1152FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230FF35C4N</a><br>Description: IC FPGA 564 I/O 1152FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230HF35C2</a><br>Description: IC FPGA 564 I/O 1152FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP4SGX230HF35C3N</a><br>Description: IC FPGA 564 I/O 1152FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |

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