

**Altera (Intel® Programmable Solutions Group)**

**Solutions Group**

## HC1S40F780

Part Number:	HC1S40F780
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description:	IC FPGA APEX 780FBGA
Datasheets:	<a href="#">HC1S40F780.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 HC1S40F780

PART NUMBER	HC1S40F780
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA APEX 780FBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	<a href="#">HC1S40F780.pdf</a>
VOLTAGE - SUPPLY	1.425 V ~ 1.575 V
TOTAL RAM BITS	2244096
SUPPLIER DEVICE PACKAGE	780-FBGA (29x29)
SERIES	Stratix® HardCopy®
PACKAGE / CASE	780-BBGA, FCBGA
NUMBER OF LOGIC ELEMENTS/CELLS	41250
NUMBER OF LABS/CLBS	4125
NUMBER OF I/O	613
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant

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### Related Products

<p><b>HC1S40F780AF</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA APEX 780FBGA                  In stock: Out stock  <a href="#" style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">RFQ</a></p>	<p><b>HC1S40F780NAJ</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA APEX 780FBGA                  In stock: Out stock  <a href="#" style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">RFQ</a></p>
<p><b>HC1S30F780NAB</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA APEX 780FBGA                  In stock: Out stock  <a href="#" style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">RFQ</a></p>	<p><b>HC1S30F780</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA APEX 780FBGA                  In stock: Out stock  <a href="#" style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">RFQ</a></p>
<p><b>HC1S40F780NAH</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA APEX 780FBGA                  In stock: Out stock  <a href="#" style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">RFQ</a></p>	<p><b>HC1S40F780N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA APEX 780FBGA                  In stock: Out stock  <a href="#" style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">RFQ</a></p>
<p><b>HC1S30F780NAE</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA APEX 780FBGA                  In stock: Out stock  <a href="#" style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">RFQ</a></p>	<p><b>HC1S40F780NAD</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA APEX 780FBGA                  In stock: Out stock  <a href="#" style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">RFQ</a></p>
<p><b>HC1S30F780AB</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA APEX 780FBGA                  In stock: Out stock  <a href="#" style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">RFQ</a></p>	<p><b>HC1S40F780NAF</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA APEX 780FBGA                  In stock: Out stock  <a href="#" style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">RFQ</a></p>
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