

Altera (Intel® Programmable Solutions Group)

Solutions Group

## EP20K100TC144-1X

Part Number:	EP20K100TC144-1X
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description:	IC FPGA 101 I/O 144TQFP
Datasheets:	<a href="#">1.EP20K100TC144-1X.pdf</a> <a href="#">2.EP20K100TC144-1X.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	4896 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

## Specifications of EP20K100TC144-1X

PART NUMBER	EP20K100TC144-1X
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 101 I/O 144TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4896 pcs
DATA SHEET	<a href="#">1.EP20K100TC144-1X.pdf</a> <a href="#">2.EP20K100TC144-1X.pdf</a>
VOLTAGE - SUPPLY	2.375 V ~ 2.625 V
TOTAL RAM BITS	53248
SUPPLIER DEVICE PACKAGE	144-TQFP (20x20)
SERIES	APEX-20K®
PACKAGE / CASE	144-LQFP
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	4160
NUMBER OF LABS/CLBS	416
NUMBER OF I/O	101
NUMBER OF GATES	263000
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	EP20K100

### Related Tags

Altera (Intel® Programmable Solutions Group) EP20K100TC144-1X	EP20K100TC144-1X Distributor	EP20K100TC144-1X Supplier
EP20K100TC144-1X Price	EP20K100TC144-1X Pictures	EP20K100TC144-1X Image
EP20K100TC144-1X PDF Datasheet	EP20K100TC144-1X Download Datasheet	EP20K100TC144-1X Datasheet
EP20K100TC144-1X Stock	Buy EP20K100TC144-1X	Buy Altera (Intel® Programmable Solutions Group) EP20K100TC144-1X
Altera (Intel® Programmable Solutions Group) EP20K100TC144-1X	Altera (Intel® Programmable Solutions Group) Supplier	Altera (Intel® Programmable Solutions Group) Distributor
Altera (Intel® Programmable Solutions Group) EP20K100TC144-1X	Altera EP20K100TC144-1X	Altera (Intel® Programmable Solutions Group) EP20K100TC144-1X

### Related Products

<p><b>EP20K100TI144-3</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA                  In stock: 6154 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px; font-weight: bold;">RFQ</p>	<p><b>EP20K100QC240-3V</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 189 I/O 240QFP                  In stock: 4127 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px; font-weight: bold;">RFQ</p>
<p><b>EP20K100TC144-1N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 101 I/O 144TQFP                  In stock: 4427 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px; font-weight: bold;">RFQ</p>	<p><b>EP20K1500CB652C8</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA                  In stock: 5365 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px; font-weight: bold;">RFQ</p>
<p><b>EP20K100QI240-2</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 189 I/O 240QFP                  In stock: 5874 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px; font-weight: bold;">RFQ</p>	<p><b>EP20K100QI208-2</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 159 I/O 208QFP                  In stock: 4540 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px; font-weight: bold;">RFQ</p>
<p><b>EP20K100TC144-3N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 101 I/O 144TQFP                  In stock: 5078 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px; font-weight: bold;">RFQ</p>	<p><b>EP20K100QI240-3</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA                  In stock: 3872 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px; font-weight: bold;">RFQ</p>
<p><b>EP20K1500CB652C7</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA                  In stock: 5981 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px; font-weight: bold;">RFQ</p>	<p><b>EP20K100TC144-3</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 101 I/O 144TQFP                  In stock: 3506 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px; font-weight: bold;">RFQ</p>
<p><b>EP20K100TC144-1</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 101 I/O 144TQFP                  In stock: 3012 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px; font-weight: bold;">RFQ</p>	<p><b>EP20K1500CB652C7ES</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA                  In stock: 5904 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px; font-weight: bold;">RFQ</p>