



Altera (Intel® Programmable Solutions Group)

Solutions Group)

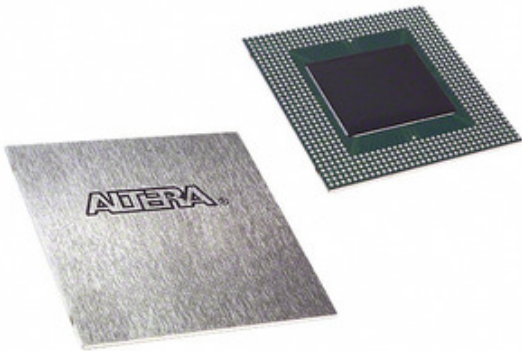


Image may be representation. See specifications for product details.

EP20K400EBC652-2X

Part Number:	EP20K400EBC652-2X
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 488 I/O 652BGA PDF 1.EP20K400EBC652-2X.pdf PDF 2.EP20K400EBC652-2X.pdf PDF 3.EP20K400EBC652-2X.pdf
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

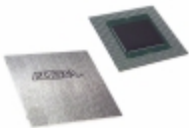
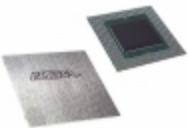
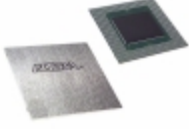
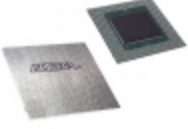
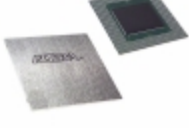
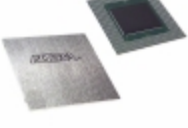
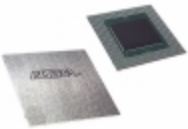
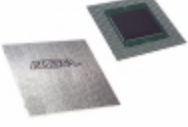
Specifications of EP20K400EBC652-2X

PART NUMBER	EP20K400EBC652-2X
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 488 I/O 652BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.EP20K400EBC652-2X.pdf PDF 2.EP20K400EBC652-2X.pdf PDF 3.EP20K400EBC652-2X.pdf
VOLTAGE - SUPPLY	1.71 V ~ 1.89 V
TOTAL RAM BITS	212992
SUPPLIER DEVICE PACKAGE	652-BGA (45x45)
SERIES	APEX-20KE®
PACKAGE / CASE	652-BBGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	16640
NUMBER OF LABS/CLBS	1664
NUMBER OF I/O	488
NUMBER OF GATES	1052000
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	EP20K400

Related Tags

Altera (Intel® Programmable Solutions Group) EP20K400EBC652-2X	EP20K400EBC652-2X Distributor	EP20K400EBC652-2X Supplier
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Related Products

 EP20K400EBC652-2N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 652BGA In stock: Out stock RFQ	 EP20K400EBC652-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 652BGA In stock: Out stock RFQ
 EP20K400EBC652-3N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 652BGA In stock: Out stock RFQ	 EP20K400EBC652-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 652BGA In stock: Out stock RFQ
 EP20K400EBC652-1N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 652BGA In stock: Out stock RFQ	 EP20K400EBI652-2X Manufacturers: Intel® FPGAs Description: IC FPGA 488 I/O 652BGA In stock: Out stock RFQ
 EP20K400EBC652-3AA Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ	 EP20K400EBC652-3 Manufacturers: Intel® FPGAs Description: IC FPGA 488 I/O 652BGA In stock: Out stock RFQ
 EP20K400EF27C1XNGA Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ	 EP20K400EBC652-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 652BGA In stock: Out stock RFQ
 EP20K400EBC652-1XD Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ	 EP20K400EF27C1XNGZ Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ