


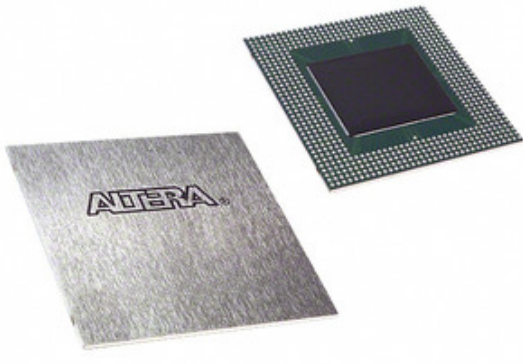


Altera (Intel® Programmable

EP20K300EBC652-3

Part Number: EP20K300EBC652-3
 Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)
 Product description: IC FPGA 408 I/O 652BGA
[PDF](#) 1.EP20K300EBC652-3.pdf
[PDF](#) 2.EP20K300EBC652-3.pdf
[PDF](#) 3.EP20K300EBC652-3.pdf
 Datasheets:
 RoHS Status:  Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

Solutions Group)



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Image may be representation. See specifications for product details.


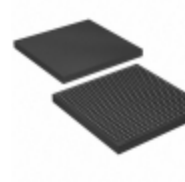
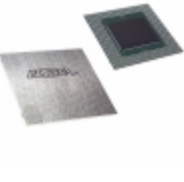
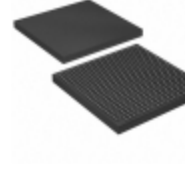
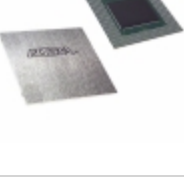
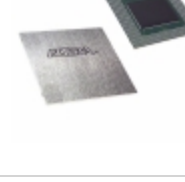






Specifications of EP20K300EBC652-3

PART NUMBER	EP20K300EBC652-3
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 408 I/O 652BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.EP20K300EBC652-3.pdf PDF 2.EP20K300EBC652-3.pdf PDF 3.EP20K300EBC652-3.pdf
VOLTAGE - SUPPLY	1.71 V ~ 1.89 V
TOTAL RAM BITS	147456
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	11520
NUMBER OF LABS/CLBS	1152
NUMBER OF I/O	408
NUMBER OF GATES	728000
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	EP20K300

Related Tags

Altera (Intel® Programmable Solutions Group) EP20K300EBC652-3	EP20K300EBC652-3 Distributor	EP20K300EBC652-3 Supplier
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EP20K300EBC652-3 PDF Datasheet	EP20K300EBC652-3 Download Datasheet	EP20K300EBC652-3 Datasheet
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Related Products

 <p>EP20K200RC240-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 174 I/O 240RQFP In stock: Out stock RFQ</p>	 <p>EP20K300EFC672-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 408 I/O 672FBGA In stock: Out stock RFQ</p>
 <p>EP20K300EBC652-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 408 I/O 652BGA In stock: Out stock RFQ</p>	 <p>EP20K300EFC672-1N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 408 I/O 672FBGA In stock: Out stock RFQ</p>
 <p>EP20K300EBC652-2X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 408 I/O 652BGA In stock: Out stock RFQ</p>	 <p>EP20K300EBC652-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 408 I/O 652BGA In stock: Out stock RFQ</p>
 <p>EP20K300EBC672-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ</p>	 <p>EP20K300EFC672-1X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 408 I/O 672FBGA In stock: Out stock RFQ</p>
 <p>EP20K300EBC652-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 408 I/O 652BGA In stock: Out stock RFQ</p>	 <p>EP20K300EBI652-2X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 408 I/O 652BGA In stock: Out stock RFQ</p>
 <p>EP20K300EBC672-2X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ</p>	 <p>EP20K200RC240-3V Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 174 I/O 240RQFP In stock: Out stock RFQ</p>