



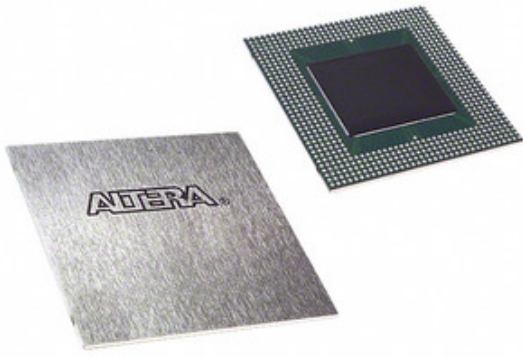


Altera (Intel® Programmable

EP20K1000CB652C8ES

Part Number:	EP20K1000CB652C8ES
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description:	IC FPGA
Datasheets:	 EP20K1000CB652C8ES.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS


Solutions Group)



[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

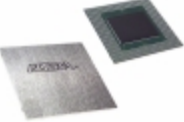


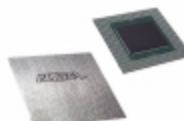
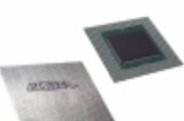
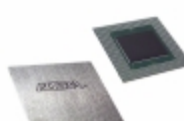
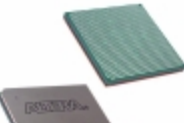
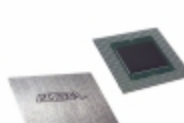
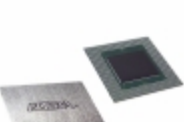
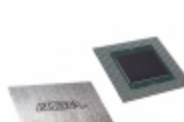
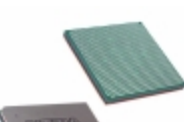
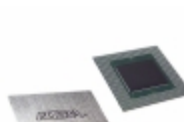
Specifications of EP20K1000CB652C8ES

PART NUMBER	EP20K1000CB652C8ES
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EP20K1000CB652C8ES.pdf
VOLTAGE - SUPPLY	1.71 V ~ 1.89 V
TOTAL RAM BITS	327680
SUPPLIER DEVICE PACKAGE	652-BGA (45x45)
SERIES	APEX-20KC®
PACKAGE / CASE	652-BBGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	38400
NUMBER OF LABS/CLBS	3840
NUMBER OF I/O	488
NUMBER OF GATES	1772000
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant

Related Tags

Altera (Intel® Programmable Solutions Group) EP20K1000CB652C8ES	EP20K1000CB652C8ES Distributor	EP20K1000CB652C8ES Supplier
EP20K1000CB652C8ES Price	EP20K1000CB652C8ES Pictures	EP20K1000CB652C8ES Image
EP20K1000CB652C8ES PDF Datasheet	EP20K1000CB652C8ES Download Datasheet	EP20K1000CB652C8ES Datasheet
EP20K1000CB652C8ES Stock	Buy EP20K1000CB652C8ES	Buy Altera (Intel® Programmable Solutions Group) EP20K1000CB652C8ES
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Altera (Intel® Programmable Solutions Group) EP20K1000CB652C8ES	Altera EP20K1000CB652C8ES	Altera (Intel® Programmable Solutions Group) EP20K1000CB652C8ES

Related Products

 <p>EP20K1000CB652C8N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA APEX 20KC 652-BGA In stock: Out stock RFQ</p>	 <p>EP2024 Manufacturers: Hammond Manufacturing Description: PANEL STEEL 18.2X22.2" WHT In stock: Out stock RFQ</p>
 <p>EP2020-9RG Manufacturers: Bel Description: DC/DC CONVERTER 5.1V 2X12V 5.1V In stock: Out stock RFQ</p>	 <p>EP20K1000CB652C7ES Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ</p>
 <p>EP20K1000CB652C7N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA APEX 20KC 652-BGA In stock: Out stock RFQ</p>	 <p>EP20K1000CB652C9N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA APEX 20KC 652-BGA In stock: Out stock RFQ</p>
 <p>EP20K1000CF33C7ES Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ</p>	 <p>EP20K1000CB652C8 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 652BGA In stock: Out stock RFQ</p>
 <p>EP20K1000CB652C7 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 652BGA In stock: Out stock RFQ</p>	 <p>EP20K1000CB652C9ES Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ</p>
 <p>EP20K1000CF33C7 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 708 I/O 1020FBGA In stock: Out stock RFQ</p>	 <p>EP20K1000CB652C9 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 652BGA In stock: Out stock RFQ</p>