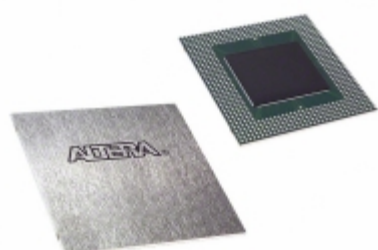


EP20K400CB652C9ES



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP20K400CB652C9ES](#)

Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)

Description: IC FPGA

Data sheet:  [APEX 20KC Datasheet](#)

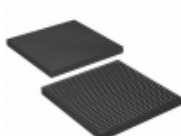
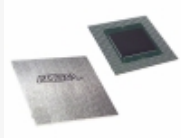
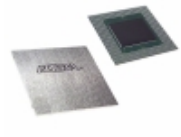
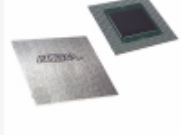
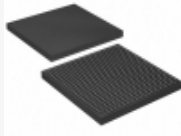
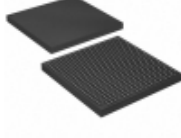
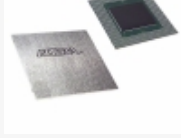
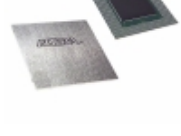
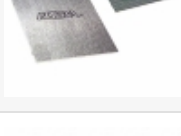
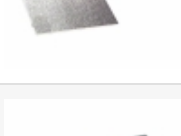
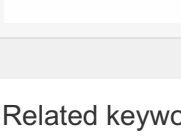
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	EP20K400CB652C9ES	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4248 pcs	Data sheet	APEX 20KC Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	1.71 V ~ 1.89 V
Total RAM Bits	212992	Supplier Device Package	652-BGA (45x45)
Series	APEX-20KC®	Package / Case	652-BGA
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
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	Part#: EP20K400BC652-3 Description: IC FPGA 502 I/O 652BGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP20K400CF672C8AA Description: IC FPGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP20K400CB652C8 Description: IC FPGA 488 I/O 652BGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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