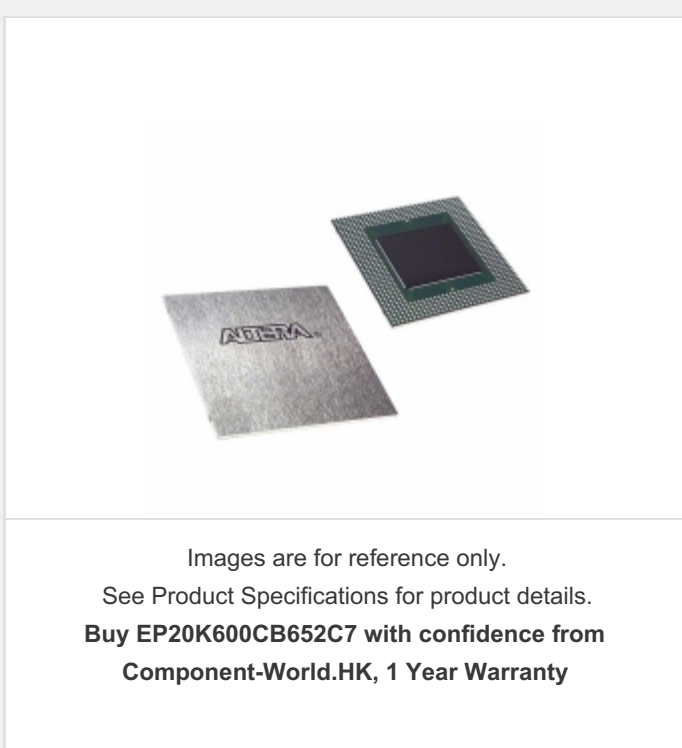


**EP20K600CB652C7**



**Part Number:** [EP20K600CB652C7](#)

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

**Description:** IC FPGA 488 I/O 652BGA

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

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

**PRODUCT PARAMETER**

<b>Part Number</b>	EP20K600CB652C7	<b>Manufacturer</b>	<a href="#">Altera (Intel® Programmable Solutions Group)</a>
<b>Description</b>	IC FPGA 488 I/O 652BGA	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	5617 pcs	<b>Data sheet</b>	<a href="#">APEX 20KC Datasheet</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply</b>	1.71 V ~ 1.89 V
<b>Total RAM Bits</b>	311296	<b>Supplier Device Package</b>	652-BGA (45x45)
<b>Series</b>	APEX-20KC®	<b>Package / Case</b>	652-BGA
<b>Operating Temperature</b>	0°C ~ 85°C (TJ)	<b>Number of Logic Elements/Cells</b>	24320
<b>Number of LABs/CLBs</b>	2432	<b>Number of I/O</b>	488
<b>Number of Gates</b>	1537000	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Base Part Number</b>	EP20K600		

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

**RELATED PRODUCTS**

	<b>Part#:</b> <a href="#">EP20K600CB652C9</a> <b>Description:</b> IC FPGA 488 I/O 652BGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K600CF672C9</a> <b>Description:</b> IC FPGA 508 I/O 672FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K400ERI240-3</a> <b>Description:</b> IC FPGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K600CB672C8N</a> <b>Description:</b> IC FPGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K600CB672C8</a> <b>Description:</b> IC FPGA 508 I/O 672FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K400FC672-1</a> <b>Description:</b> IC FPGA 502 I/O 672FBGA	<b>Manufacturers:</b> <a href="#">Intel® FPGAs</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K400FC672-3</a> <b>Description:</b> IC FPGA 502 I/O 672FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K400GI655-3</a> <b>Description:</b> IC FPGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K400FC672-2</a> <b>Description:</b> IC FPGA 502 I/O 672FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K400FI672-2V</a> <b>Description:</b> IC FPGA 502 I/O 672FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K400FC672-1X</a> <b>Description:</b> IC FPGA 502 I/O 672FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K600CF672C8N</a> <b>Description:</b> IC FPGA 508 I/O 672FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K600CF672C7</a> <b>Description:</b> IC FPGA 508 I/O 672FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K600CF672I8</a> <b>Description:</b> IC FPGA 508 I/O 672FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K600CF672I8AA</a> <b>Description:</b> IC FPGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K600CB652C8</a> <b>Description:</b> IC FPGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K600CF672C8</a> <b>Description:</b> IC FPGA 508 I/O 672FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K400FC672-1XGZ</a> <b>Description:</b> IC FPGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K400ERC240-3</a> <b>Description:</b> IC FPGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EP20K400ERI208-3</a> <b>Description:</b> IC FPGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>

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