

EP20K160EBC356-1AA



Part Number: [EP20K160EBC356-1AA](#)

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

Description: IC FPGA

Data sheet:  [APEX 20K](#)

RoHs Status: Lead free / RoHS Compliant

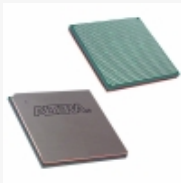
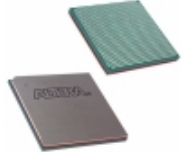
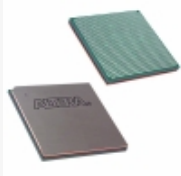
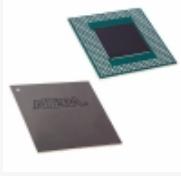
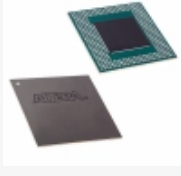
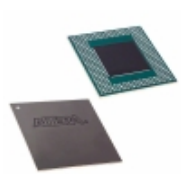
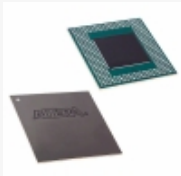
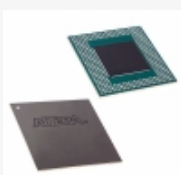
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PRODUCT PARAMETER			
Part Number	EP20K160EBC356-1AA	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4929 pcs	Data sheet	APEX 20K
Category	Integrated Circuits (ICs)	Voltage - Supply	1.71 V ~ 1.89 V
Total RAM Bits	81920	Supplier Device Package	356-BGA (35x35)
Series	APEX-20KE®	Package / Case	356-LBGA
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	6400
Number of LABs/CLBs	640	Number of I/O	271
Number of Gates	404000	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#: EP20K160EBC356-2 Description: IC FPGA 271 I/O 356BGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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