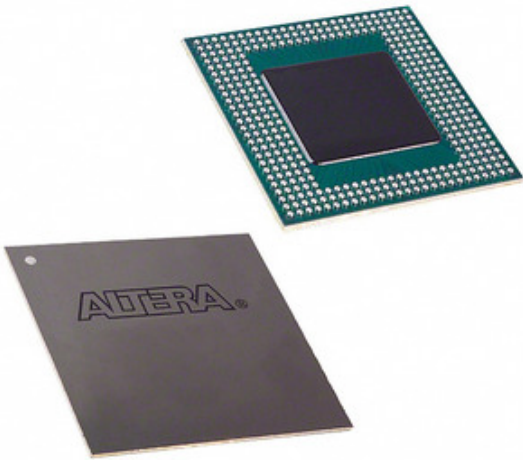




Altera (Intel® Programmable Solutions Group)

Solutions Group)



EP20K160EBC356-1X

Part Number:	EP20K160EBC356-1X
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 271 I/O 356BGA PDF 1.EP20K160EBC356-1X.pdf PDF 2.EP20K160EBC356-1X.pdf PDF 3.EP20K160EBC356-1X.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

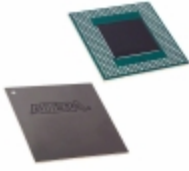
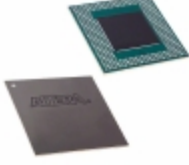
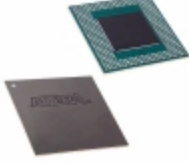
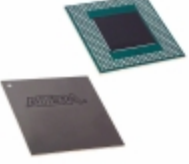
Specifications of EP20K160EBC356-1X

PART NUMBER	EP20K160EBC356-1X
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 271 I/O 356BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.EP20K160EBC356-1X.pdf PDF 2.EP20K160EBC356-1X.pdf PDF 3.EP20K160EBC356-1X.pdf
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
BASE PART NUMBER	EP20K160

Related Tags

Altera (Intel® Programmable Solutions Group) EP20K160EBC356-1X	EP20K160EBC356-1X Distributor	EP20K160EBC356-1X Supplier
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EP20K160EBC356-1X PDF Datasheet	EP20K160EBC356-1X Download Datasheet	EP20K160EBC356-1X Datasheet
EP20K160EBC356-1X Stock	Buy EP20K160EBC356-1X	Buy Altera (Intel® Programmable Solutions Group) EP20K160EBC356-1X
Altera (Intel® Programmable Solutions Group) EP20K160EBC356-1X	Altera (Intel® Programmable Solutions Group) Supplier	Altera (Intel® Programmable Solutions Group) Distributor
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Related Products

 EP20K160EBC356-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 271 I/O 356BGA In stock: Out stock RFQ	 EP20K160EFC144-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ
 EP20K160EFC144-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ	 EP20K1500XXC Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ
 EP20K160EBC356-2X Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 271 I/O 356BGA In stock: Out stock RFQ	 EP20K160EFC144-2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ
 EP20K160EBC356-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 271 I/O 356BGA In stock: Out stock RFQ	 EP20K160EBC356-1AA Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ
 EP20K1500EXXC Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ	 EP20K1500EGC984-3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA In stock: Out stock RFQ
 EP20K160EBC356-1N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 271 I/O 356BGA In stock: Out stock RFQ	 EP20K160EBC356-1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 271 I/O 356BGA In stock: Out stock RFQ