

10M16DAF256C8G





Part Number: 10M16DAF256C8G

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

Description: IC FPGA 178 I/O 256FBGA

Data sheet:  [MAX 10 FPGA Overview](#)
 [MAX 10 FPGA Device Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

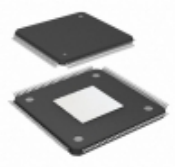
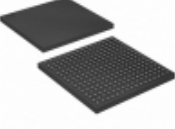
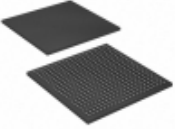
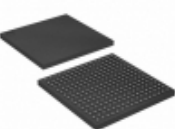
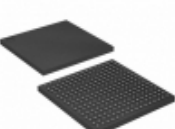
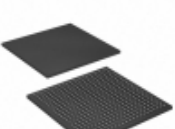
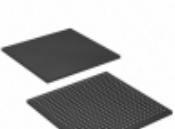
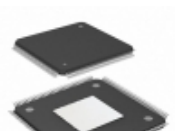
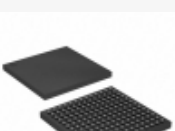
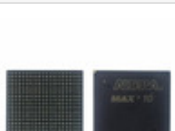
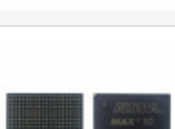
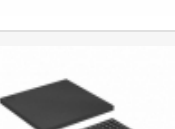
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	10M16DAF256C8G	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 178 I/O 256FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2747 pcs	Data sheet	MAX 10 FPGA Overview MAX 10 FPGA Device Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	1.15 V ~ 1.25 V
Total RAM Bits	562176	Supplier Device Package	256-FBGA (17x17)
Series	MAX® 10	Package / Case	256-LBGA
Other Names	544-3139	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	16000	Number of LABs/CLBs	1000
Number of I/O	178	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	8 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		
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	Part#: 10M16DAF484I7G Description: IC FPGA 320 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M16DAU324I7G Description: IC FPGA 246 I/O 324UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M16DCF256A7G Description: IC FPGA 178 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M16DAF256I7G Description: IC FPGA 178 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M16DAF484I6G Description: IC FPGA 320 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M16DAF484C8G Description: IC FPGA 320 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 10M08SCE144C8G Description: IC FPGA 101 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M08SCU169C8G Description: IC FPGA 130 I/O 169UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M16DAU324C8G Description: IC FPGA 246 I/O 324UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 10M08SCM153C8G Description: IC FPGA 112 I/O 153MBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M08SCM153I7G Description: IC FPGA 112 I/O 153MBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 10M08SCU169A7G Description: IC FPGA 130 I/O 169UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M16DAU324I6G Description: IC FPGA 246 I/O 324UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M16DAF256I6G Description: IC FPGA 178 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M08SCU324C8G Description: 324-PIN UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M08SCU169I7G Description: IC FPGA 130 I/O 169UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 10M08SCE144I7G Description: IC FPGA 101 I/O 144EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10M16DAF484C7G Description: IC FPGA 320 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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