

10CL006YU256C8G



Part Number: 10CL006YU256C8G

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

Description: IC FPGA 176 I/O 256 UBGA

Data sheet:  [Cyclone® 10 LP Devices Overview](#)

RoHs Status: Lead free / RoHS Compliant

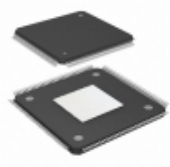
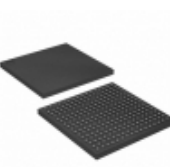
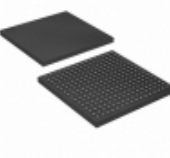
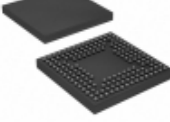
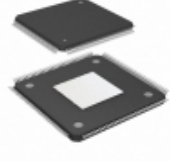
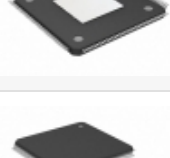
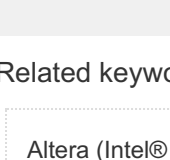
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PRODUCT PARAMETER			
Part Number	10CL006YU256C8G	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 176 I/O 256 UBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16493 pcs	Data sheet	Cyclone® 10 LP Devices Overview
Category	Integrated Circuits (ICs)	Voltage - Supply	1.2V
Total RAM Bits	276480	Supplier Device Package	256-UBGA (14x14)
Series	Cyclone® 10 LP	Package / Case	256-LFBGA
Other Names	10CL006YU256C8G-ND 544-3574	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	6272	Number of LABs/CLBs	392
Number of I/O	176	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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RELATED PRODUCTS			
	Part#: 10CIF21 Description: FUSE CARTRIDGE 10A 600VAC/250VDC	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: 10CL010YE144C8G Description: 144-PIN EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10CIH07 Description: FUSE CRTRDGE 10A 600VAC CYLINDR	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: 10CL010YM164C8G Description: 164-PIN MBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10CJ Description: FUSE CARTRIDGE 10A 600VAC/250VDC	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: 10CK070-150 Description: PRECISION SP CALIBRATION KIT	Manufacturers: Rosenberger	RFQ
	Part#: 10CL010YU256C6G Description: IC FPGA 176 I/O 256 UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 10CL006ZU256I8G Description: IC FPGA 176 I/O 256 UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 10CL010YM164C6G Description: IC FPGA 101 I/O 164 MBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 10CK3 Description: PWR ENT MOD RCPT IEC320-C14 PNL	Manufacturers: Delta Electronics	RFQ
	Part#: 10CL006ZE144I8G Description: IC FPGA 88 I/O 144 EQFP	Manufacturers: Intel® FPGAs	RFQ
	Part#: 10CL006YE144C8G Description: IC FPGA 88 I/O 144 EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10CL006YE144I7G Description: IC FPGA 88 I/O 144 EQFP	Manufacturers: Intel® FPGAs	RFQ
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	Part#: 10CL010YM164I7G Description: IC FPGA 101 I/O 164 MBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 10CL010YE144C6G Description: 144-PIN EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10CL010YE144I7G Description: IC FPGA 88 I/O 144 EPFQ	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10CL006YE144C6G Description: IC FPGA 88 I/O 144 EQFP	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10CL006YU256C6G Description: IC FPGA 176 I/O 256 UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 10CL006YU256I7G Description: IC FPGA 176 I/O 256 UBGA	Manufacturers: Intel® FPGAs	RFQ

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