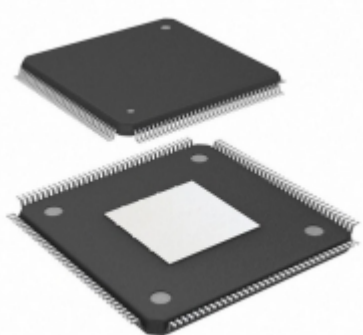


## 10CL010ZE144I8G



**Part Number:** [10CL010ZE144I8G](#)

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

**Description:** 144-PIN EQFP

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

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

**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">10CL010ZE144I8G</a>
<b>Manufacturer</b>	<a href="#">Altera (Intel® Programmable Solutions Group)</a>
<b>Description</b>	144-PIN EQFP
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	8067 pcs
<b>Product Photo</b>	<a href="#">10CL010ZE144I8G.jpg</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Supply</b>	1.2V
<b>Total RAM Bits</b>	423936
<b>Supplier Device Package</b>	144-EQFP (20x20)
<b>Series</b>	Cyclone® 10 LP
<b>Package / Case</b>	144-LQFP Exposed Pad
<b>Other Names</b>	544-3411
<b>Operating Temperature</b>	-40°C ~ 100°C (TJ)
<b>Number of Logic Elements/Cells</b>	10320
<b>Number of LABs/CLBs</b>	645
<b>Number of I/O</b>	88
<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

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

### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">10CL010YU256I7G</a> <b>Description:</b> IC FPGA 176 I/O 256 UBGA	<b>Manufacturers:</b> <a href="#">Intel® FPGAs</a> <b>In Stock:</b> 8126	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL016YF484C6G</a> <b>Description:</b> IC FPGA 340 I/O 484 FBGA	<b>Manufacturers:</b> <a href="#">Intel® FPGAs</a> <b>In Stock:</b> 3386	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL016YM164C6G</a> <b>Description:</b> IC FPGA 87 I/O 164 MBGA	<b>Manufacturers:</b> <a href="#">Intel® FPGAs</a> <b>In Stock:</b> 5372	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL016YE144C8G</a> <b>Description:</b> 144-PIN EQFP	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a> <b>In Stock:</b> 7317	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL016YE144I7G</a> <b>Description:</b> IC FPGA 78 I/O 144 EPFQ	<b>Manufacturers:</b> <a href="#">Intel® FPGAs</a> <b>In Stock:</b> 5980	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL016YM164C8G</a> <b>Description:</b> 164-PIN MBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a> <b>In Stock:</b> 7530	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL010YU256C6G</a> <b>Description:</b> IC FPGA 176 I/O 256 UBGA	<b>Manufacturers:</b> <a href="#">Intel® FPGAs</a> <b>In Stock:</b> 6960	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL016YF484I7G</a> <b>Description:</b> IC FPGA 340 I/O 484 FBGA	<b>Manufacturers:</b> <a href="#">Intel® FPGAs</a> <b>In Stock:</b> 3626	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL010YE144I7G</a> <b>Description:</b> IC FPGA 88 I/O 144 EPFQ	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a> <b>In Stock:</b> 7248	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL010YE144C8G</a> <b>Description:</b> 144-PIN EQFP	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a> <b>In Stock:</b> 10759	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL010YM164C8G</a> <b>Description:</b> 164-PIN MBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a> <b>In Stock:</b> 8472	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL010ZM164I8G</a> <b>Description:</b> 164-PIN MBGA	<b>Manufacturers:</b> <a href="#">Intel® FPGAs</a> <b>In Stock:</b> 6621	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL010YU256C8G</a> <b>Description:</b> 256-PIN UBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a> <b>In Stock:</b> 9922	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL006ZU256I8G</a> <b>Description:</b> IC FPGA 176 I/O 256 UBGA	<b>Manufacturers:</b> <a href="#">Intel® FPGAs</a> <b>In Stock:</b> 9156	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL010YM164C6G</a> <b>Description:</b> IC FPGA 101 I/O 164 MBGA	<b>Manufacturers:</b> <a href="#">Intel® FPGAs</a> <b>In Stock:</b> 6250	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL016YE144C6G</a> <b>Description:</b> 144-PIN EQFP	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a> <b>In Stock:</b> 5088	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL010ZU256I8G</a> <b>Description:</b> 256-PIN UBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a> <b>In Stock:</b> 7881	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL010YE144C6G</a> <b>Description:</b> 144-PIN EQFP	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a> <b>In Stock:</b> 6590	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL016YF484C8G</a> <b>Description:</b> 484-PIN FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a> <b>In Stock:</b> 4819	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">10CL010YM164I7G</a> <b>Description:</b> IC FPGA 101 I/O 164 MBGA	<b>Manufacturers:</b> <a href="#">Intel® FPGAs</a> <b>In Stock:</b> 6783	<a href="#">RFQ</a>

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