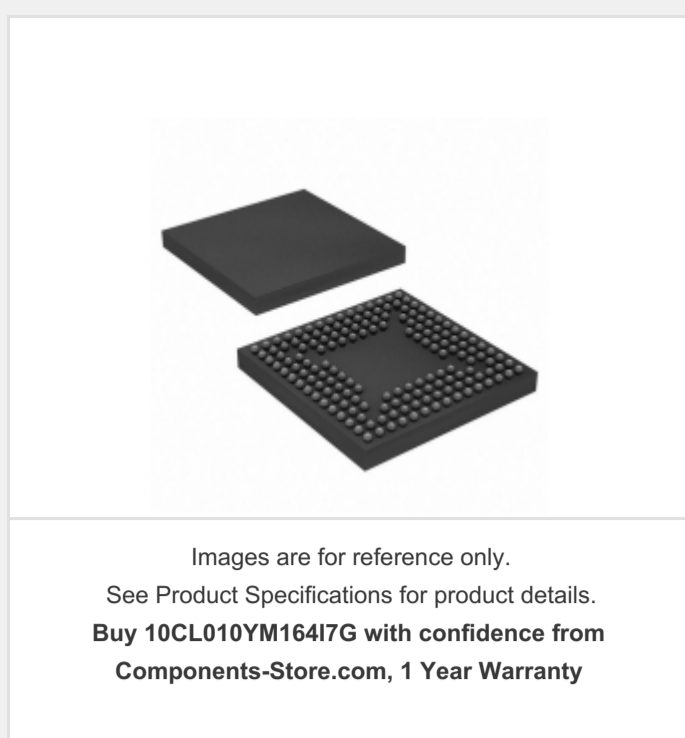


## 10CL010YM164I7G



**Part Number:** [10CL010YM164I7G](#)  
**Manufacturer:** [Intel® FPGAs](#)  
**Description:** IC FPGA 101 I/O 164 MBGA  
**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

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	<a href="#">10CL010YM164I7G</a>
Manufacturer	<a href="#">Intel® FPGAs</a>
Description	IC FPGA 101 I/O 164 MBGA
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6783 pcs
Product Photo	<a href="#">10CL010YM164I7G.jpg</a>
Category	<a href="#">Integrated Circuits (ICs)</a>
Voltage - Supply	1.2V
Total RAM Bits	423936
Supplier Device Package	164-MBGA (8x8)
Series	Cyclone® 10 LP
Package / Case	164-TFBGA
Other Names	544-3378
Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	10320
Number of LABs/CLBs	645
Number of I/O	101
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#: <a href="#">10CL006YU256I7G</a> Description: IC FPGA 176 I/O 256 UBGA	Manufacturers: <a href="#">Intel® FPGAs</a> In Stock: 10585	<a href="#">RFQ</a>
	Part#: <a href="#">10CL010YU256I7G</a> Description: IC FPGA 176 I/O 256 UBGA	Manufacturers: <a href="#">Intel® FPGAs</a> In Stock: 8126	<a href="#">RFQ</a>
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	Part#: <a href="#">10CL010YU256C6G</a> Description: IC FPGA 176 I/O 256 UBGA	Manufacturers: <a href="#">Intel® FPGAs</a> In Stock: 6960	<a href="#">RFQ</a>
	Part#: <a href="#">10CL010YE144C8G</a> Description: 144-PIN EQFP	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 10759	<a href="#">RFQ</a>
	Part#: <a href="#">10CL016YE144I7G</a> Description: IC FPGA 78 I/O 144 EPFQ	Manufacturers: <a href="#">Intel® FPGAs</a> In Stock: 5980	<a href="#">RFQ</a>
	Part#: <a href="#">10CL010YE144I7G</a> Description: IC FPGA 88 I/O 144 EPFQ	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 7248	<a href="#">RFQ</a>
	Part#: <a href="#">10CL010ZU256I8G</a> Description: 256-PIN UBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 7881	<a href="#">RFQ</a>
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	Part#: <a href="#">10CL010ZE144I8G</a> Description: 144-PIN EQFP	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 8067	<a href="#">RFQ</a>
	Part#: <a href="#">10CL010YM164C8G</a> Description: 164-PIN MBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 8472	<a href="#">RFQ</a>
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	Part#: <a href="#">10CL016YE144C6G</a> Description: 144-PIN EQFP	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 5088	<a href="#">RFQ</a>
	Part#: <a href="#">10CL010ZM164I8G</a> Description: 164-PIN MBGA	Manufacturers: <a href="#">Intel® FPGAs</a> In Stock: 6621	<a href="#">RFQ</a>
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	Part#: <a href="#">10CL010YE144C6G</a> Description: 144-PIN EQFP	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 6590	<a href="#">RFQ</a>
	Part#: <a href="#">10CL006ZU256I8G</a> Description: IC FPGA 176 I/O 256 UBGA	Manufacturers: <a href="#">Intel® FPGAs</a> In Stock: 9156	<a href="#">RFQ</a>
	Part#: <a href="#">10CL010YU256C8G</a> Description: 256-PIN UBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 9922	<a href="#">RFQ</a>
	Part#: <a href="#">10CL016YE144C8G</a> Description: 144-PIN EQFP	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> In Stock: 7317	<a href="#">RFQ</a>

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