



Xilinx

### XC2C512-10FGG324I

Part Number:	XC2C512-10FGG324I
Manufacturer/Brand:	Xilinx
Product description:	IC CPLD 512MC 9.2NS 324FBGA
Datasheets:	<a href="#">1.XC2C512-10FGG324I.pdf</a> <a href="#">2.XC2C512-10FGG324I.pdf</a>
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	1043 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of XC2C512-10FGG324I

PART NUMBER	XC2C512-10FGG324I
MANUFACTURER	Xilinx
DESCRIPTION	IC CPLD 512MC 9.2NS 324FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1043 pcs
DATA SHEET	<a href="#">1.XC2C512-10FGG324I.pdf</a> <a href="#">2.XC2C512-10FGG324I.pdf</a>
VOLTAGE SUPPLY - INTERNAL	1.7 V ~ 1.9 V
SUPPLIER DEVICE PACKAGE	324-FBGA (23x23)
SERIES	CoolRunner II
PROGRAMMABLE TYPE	In System Programmable
PACKAGING	Tray
PACKAGE / CASE	324-BBGA
OTHER NAMES	122-2144 XC2C512-10FGG324I-ND
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF MACROCELLS	512
NUMBER OF LOGIC ELEMENTS/BLOCKS	32
NUMBER OF I/O	270
NUMBER OF GATES	12000
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DELAY TIME TPD(1) MAX	9.2ns
BASE PART NUMBER	XC2C512

#### Related Tags

Xilinx XC2C512-10FGG324I	XC2C512-10FGG324I Distributor	XC2C512-10FGG324I Supplier
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#### Related Products

<p><b>XC2C512-10FTG256I</b>                  Manufacturers: Xilinx                  Description: IC CPLD 512MC 9.2NS 256FTBGA                  In stock: 1054 pcs  <a href="#">RFQ</a></p>	<p><b>XC2C512-10FT256I</b>                  Manufacturers: Xilinx                  Description: IC CPLD 512MC 9.2NS 256BGA                  In stock: 1227 pcs  <a href="#">RFQ</a></p>
<p><b>XC2C512-10PQ208C</b>                  Manufacturers: Xilinx                  Description: IC CPLD 512MC 9.2NS 208QFP                  In stock: 1536 pcs  <a href="#">RFQ</a></p>	<p><b>XC2C384-7PQG208C</b>                  Manufacturers: Xilinx                  Description: IC CPLD 384MC 7.1NS 208QFP                  In stock: 1164 pcs  <a href="#">RFQ</a></p>
<p><b>XC2C512-10FG324C</b>                  Manufacturers: Xilinx                  Description: IC CPLD 512MC 9.2NS 324BGA                  In stock: 1322 pcs  <a href="#">RFQ</a></p>	<p><b>XC2C384-7TQG144C</b>                  Manufacturers: Xilinx                  Description: IC CPLD 384MC 7.1NS 144TQFP                  In stock: 1718 pcs  <a href="#">RFQ</a></p>
<p><b>XC2C512-10PQ208I</b>                  Manufacturers: Xilinx                  Description: IC CPLD 512MC 9.2NS 208QFP                  In stock: 1157 pcs  <a href="#">RFQ</a></p>	<p><b>XC2C512-10FTG256C</b>                  Manufacturers: Xilinx                  Description: IC CPLD 512MC 9.2NS 256FBGA                  In stock: 1239 pcs  <a href="#">RFQ</a></p>
<p><b>XC2C512-10FGG324C</b>                  Manufacturers: Xilinx                  Description: IC CPLD 512MC 9.2NS 324BGA                  In stock: 1159 pcs  <a href="#">RFQ</a></p>	<p><b>XC2C512-10FG324I</b>                  Manufacturers: Xilinx                  Description: IC CPLD 512MC 9.2NS 324BGA                  In stock: 951 pcs  <a href="#">RFQ</a></p>
<p><b>XC2C512-10FT256C</b>                  Manufacturers: Xilinx                  Description: IC CPLD 512MC 9.2NS 256BGA                  In stock: 1167 pcs  <a href="#">RFQ</a></p>	<p><b>XC2C384-7TQ144C</b>                  Manufacturers: Xilinx                  Description: IC CPLD 384MC 7.1NS 144TQFP                  In stock: 1594 pcs  <a href="#">RFQ</a></p>

