



Xilinx

## XC7A12T-1CPG236C

Part Number:	XC7A12T-1CPG236C
Manufacturer/Brand:	Xilinx
Product description:	IC FPGA ARTIX7 106 I/O CPBGA
Datasheets:	<a href="#">1.XC7A12T-1CPG236C.pdf</a> <a href="#">2.XC7A12T-1CPG236C.pdf</a>
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	3136 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 XC7A12T-1CPG236C

PART NUMBER	XC7A12T-1CPG236C
MANUFACTURER	Xilinx
DESCRIPTION	IC FPGA ARTIX7 106 I/O CPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3136 pcs
DATA SHEET	<a href="#">1.XC7A12T-1CPG236C.pdf</a> <a href="#">2.XC7A12T-1CPG236C.pdf</a>
VOLTAGE - SUPPLY	0.95 V ~ 1.05 V
TOTAL RAM BITS	737280
SUPPLIER DEVICE PACKAGE	236-CSBGA (10x10)
SERIES	Artix-7
PACKAGE / CASE	238-LFBGA, CSPBGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	12800
NUMBER OF LABS/CLBS	1000
NUMBER OF I/O	106
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant

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### Related Products

<p><b>XC7A12T-1CSG325I</b>                  Manufacturers: Xilinx                  Description: IC FPGA ARTIX7 150 I/O CSBGA                  In stock: 2210 pcs  <a href="#">RFQ</a></p>	<p><b>XC7A12T-1CPG238I</b>                  Manufacturers: Xilinx                  Description: XC7A12T-1CPG238I                  In stock: 4027 pcs  <a href="#">RFQ</a></p>
<p><b>XC7A12T-2CPG236C</b>                  Manufacturers: Xilinx                  Description: IC FPGA ARTIX7 106 I/O CPBGA                  In stock: 3009 pcs  <a href="#">RFQ</a></p>	<p><b>XC7A100T-L1FGG676I</b>                  Manufacturers: Xilinx Inc.                  Description: IC FPGA 300 I/O 676FCBGA                  In stock: 429 pcs  <a href="#">RFQ</a></p>
<p><b>XC7A12T-1CPG238C</b>                  Manufacturers: Xilinx                  Description: XC7A12T-1CPG238C                  In stock: 3883 pcs  <a href="#">RFQ</a></p>	<p><b>XC7A12T-1CSG325C</b>                  Manufacturers: Xilinx                  Description: IC FPGA ARTIX7 150 I/O CSBGA                  In stock: 2691 pcs  <a href="#">RFQ</a></p>
<p><b>XC7A100T-L2FGG676E</b>                  Manufacturers: Xilinx                  Description: IC FPGA 300 I/O 676FCBGA                  In stock: 476 pcs  <a href="#">RFQ</a></p>	<p><b>XC7A100T-L1FTG256I</b>                  Manufacturers: Xilinx                  Description: IC FPGA ARTIX7 170 I/O 256FTBGA                  In stock: 758 pcs  <a href="#">RFQ</a></p>
<p><b>XC7A100T-L2CSG324E</b>                  Manufacturers: Xilinx                  Description: IC FPGA ARTIX7 210 I/O 324CSBGA                  In stock: 579 pcs  <a href="#">RFQ</a></p>	<p><b>XC7A12T-1CPG236I</b>                  Manufacturers: Xilinx                  Description: IC FPGA ARTIX7 106 I/O CPBGA                  In stock: 2639 pcs  <a href="#">RFQ</a></p>
<p><b>XC7A100T-L2FTG256E</b>                  Manufacturers: Xilinx                  Description: IC FPGA ARTIX7 170 I/O 256FTBGA                  In stock: 715 pcs  <a href="#">RFQ</a></p>	<p><b>XC7A100T-L2FGG484E</b>                  Manufacturers: Xilinx                  Description: IC FPGA 285 I/O 484FCBGA                  In stock: 512 pcs  <a href="#">RFQ</a></p>

