

8N3Q001KG-1045CDI8



**IDT**  
Integrated Device Technology

**Part Number:** 8N3Q001KG-1045CDI8

**Manufacturer:** IDT (Integrated Device Technology)

**Description:** IC OSC CLOCK QD FREQ 10CLCC

**Data sheet:**  [FemtoClock® NG Ordering Guide](#)  
 [IDT8N3Q001 Rev G](#)

**RoHs Status:** Contains lead / RoHS non-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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8N3Q001KG-1045CDI8                        | Manufacturer                   | <a href="#">IDT (Integrated Device Technology)</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC OSC CLOCK QD FREQ 10CLCC               | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5296 pcs                                  | Data sheet                     | <a href="#">FemtoClock® NG Ordering Guide</a><br><a href="#">IDT8N3Q001 Rev G</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 3.135 V ~ 3.465 V                                                                 |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Clock Oscillator                          | Supplier Device Package        | 10-CLCC (7x5)                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FemtoClock® NG                            | Packaging                      | Tape & Reel (TR)                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10-CLCC                                   | Other Names                    | IDT8N3Q001KG-1045CDI8<br>IDT8N3Q001KG-1045CDI8-ND                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°C                              | Mounting Type                  | Surface Mount                                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                |
| Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100MHz, 125MHz, 100MHz, 125MHz            | Detailed Description           | Clock Oscillator IC 100MHz, 125MHz, 100MHz, 125MHz 10-CLCC (7x5)                  |
| Current - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 140mA                                     | Count                          | -                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all IDT (Integrated Device Technology) series electronic components. We have 5296 pieces of IDT (Integrated Device Technology) 8N3Q001KG-1045CDI8 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                   |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                                   |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">8N3Q001KG-1046CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1031CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1054CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1054CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1049CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1036CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1052CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1053CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1033CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1052CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1033CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1053CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1037CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1049CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1036CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1037CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1043CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1046CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1045CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001KG-1043CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |

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|----------------------------------------------------------|-------------------------------------------------------|------------------------------|-------------------------------------------------------|
| Related keywords for 8N3Q001KG-1045CDI8                  |                                                       |                              |                                                       |
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|                                                          | 8N3Q001KG-1045CDI8 download datasheet                 | 8N3Q001KG-1045CDI8 datasheet | 8N3Q001KG-1045CDI8 stock                              |
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| IDT, Integrated Device Technology Inc 8N3Q001KG-1045CDI8 | Integrated Device Technology (IDT) 8N3Q001KG-1045CDI8 |                              |                                                       |