

8N3Q001FG-0045CDI



**IDT**  
Integrated Device Technology

**Part Number:** 8N3Q001FG-0045CDI

**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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| PRODUCT PARAMETER                |                                           |                                |                                                                                   |
|----------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Part Number                      | 8N3Q001FG-0045CDI                         | 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               | 5059 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               | 2.375 V ~ 2.625 V                                                                 |
| Type                             | Clock Oscillator                          | Supplier Device Package        | 10-CLCC (7x5)                                                                     |
| Series                           | FemtoClock® NG                            | Packaging                      | Tray                                                                              |
| Package / Case                   | 10-CLCC                                   | Other Names                    | IDT8N3Q001FG-0045CDI<br>IDT8N3Q001FG-0045CDI-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                 | 136mA                                     | Count                          | -                                                                                 |

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| RELATED PRODUCTS                                                                   |                                                                                       |                                                                   |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">8N3Q001FG-0049CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0041CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0041CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0040CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0049CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0042CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0044CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0046CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0048CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0043CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0048CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0043CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0042CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8N3Q001FG-0050CDI</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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|  | Part#: <a href="#">8N3Q001FG-0047CDI</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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|  | Part#: <a href="#">8N3Q001FG-0047CDI8</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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|---------------------------------------------------------|------------------------------------------------------|-----------------------------|------------------------------------------------------|
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