

8N3Q001EG-0102CDI



**IDT**  
Integrated Device Technology

**Part Number:** 8N3Q001EG-0102CDI

**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

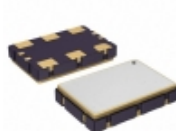
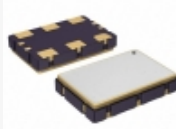
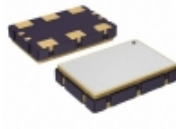
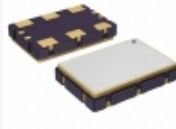
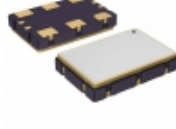
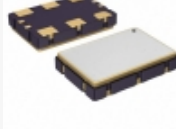
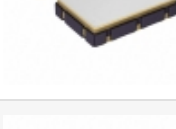
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8N3Q001EG-0102CDI                                              | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5111 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                       | Tray                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10-CLCC                                                        | Other Names                     | IDT8N3Q001EG-0102CDI<br>IDT8N3Q001EG-0102CDI-ND                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 85°C                                                   | Mounting Type                   | Surface Mount                                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                                                  | Manufacturer Standard Lead Time | 12 Weeks                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Contains lead / RoHS non-compliant                             | Frequency                       | 25MHz, 50MHz, 100MHz, 125MHz                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Clock Oscillator IC 25MHz, 50MHz, 100MHz, 125MHz 10-CLCC (7x5) | Current - Supply                | 140mA                                                                             |
| Count                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                              |                                 |                                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                                   |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">8N3Q001EG-0099CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8N3Q001EG-0104CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8N3Q001EG-0097CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8N3Q001EG-0103CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">8N3Q001EG-0105CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8N3Q001EG-0101CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8N3Q001EG-0107CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8N3Q001EG-0100CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8N3Q001EG-0102CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8N3Q001EG-0097CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8N3Q001EG-0103CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8N3Q001EG-0098CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8N3Q001EG-0106CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8N3Q001EG-0099CDI8</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">8N3Q001EG-0106CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">8N3Q001EG-0100CDI</a><br>Description: IC OSC CLOCK QD FREQ 10CLCC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |

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|---------------------------------------------------------|------------------------------------------------------------------|-----------------------------|------------------------------------------------------|
| Related keywords for 8N3Q001EG-0102CDI                  |                                                                  |                             |                                                      |
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| IDT, Integrated Device Technology Inc 8N3Q001EG-0102CDI | Integrated Device Technology (IDT) 8N3Q001EG-0102CDI             |                             |                                                      |