

8T49N222B-001NLGI8



Integrated Device Technology

Part Number: 8T49N222B-001NLGI8

Manufacturer: IDT (Integrated Device Technology)

Description: IC TRANSLATOR UNIV FREQ 48VQFN

Data sheet:

PDF

Timing Fabric Overview

PDF

FemtoClock NG UFT Order Guide

PDF

IDT8T49N222B-zzzNLGI(8)

RoHs Status: Lead free / RoHS Compliant

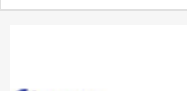
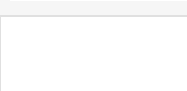
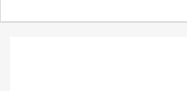
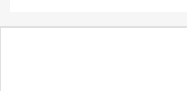
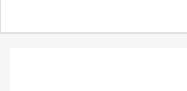
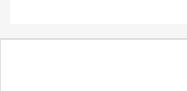
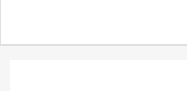
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                  |                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8T49N222B-001NLGI8                        | Manufacturer                     | IDT (Integrated Device Technology)                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC TRANSLATOR UNIV FREQ 48VQFN            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2575 pcs                                  | Data sheet                       | <a href="#">Timing Fabric Overview</a><br><a href="#">FemtoClock NG UFT Order Guide</a><br><a href="#">IDT8T49N222B-zzzNLGI(8)</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 2.375 V ~ 3.465 V                                                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                              | 48-VQFN (7x7)                             | Series                           | FemtoClock® NG                                                                                                                     |
| Ratio - Input:Output                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3:2                                       | Packaging                        | Tape & Reel (TR)                                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                       | 48-VFQFN Exposed Pad                      | PLL                              | Yes with Bypass                                                                                                                    |
| Output                                                                                                                                                                                                                                                                                                                                                                                                                                               | LVPECL                                    | Other Names                      | IDT8T49N222B-001NLGI8<br>IDT8T49N222B-001NLGI8-ND                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 85°C                              | Number of Circuits               | 1                                                                                                                                  |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                        | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                      |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                      | 12 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                         |
| Input                                                                                                                                                                                                                                                                                                                                                                                                                                                | HCSL, LVDS, LVHSTL, LVPECL, Crystal       | Frequency - Max                  | 148.5MHz                                                                                                                           |
| Divider/Multiplier                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes/No                                    | Differential - Input:Output      | Yes/Yes                                                                                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all IDT (Integrated Device Technology) series electronic components. We have 2575 pieces of IDT (Integrated Device Technology) 8T49N222B-001NLGI8 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: info@Components-World.com |                                           |                                  |                                                                                                                                    |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                                   |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">8T49N203A-999NLGI</a><br>Description: IC TRANSLATOR UNIV FREQ 40VFQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N222B-101NLGI</a><br>Description: IC TRANSLATOR UNIV FREQ 48VQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N222B-001NLGI</a><br>Description: IC TRANSLATOR UNIV FREQ 48VQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N203A-027NLGI8</a><br>Description: IC TRANSLATOR UNIV FREQ 40VFQFN | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N222B-003NLGI</a><br>Description: IC TRANSLATOR UNIV FREQ 48VQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">8T49N203A-025NLGI8</a><br>Description: IC TRANSLATOR UNIV FREQ 40VFQFN | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N203A-025NLGI</a><br>Description: IC TRANSLATOR UNIV FREQ 40VFQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N222B-101NLGI8</a><br>Description: IC TRANSLATOR UNIV FREQ 48VQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N2083NLGI#</a><br>Description: IC CLOCK SYNTHESIZER VFQFPN         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N222B-000NLGI8</a><br>Description: IC TRANSLATOR UNIV FREQ 48VQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N222B-004NLGI</a><br>Description: IC TRANSLATOR UNIV FREQ 48VQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N222B-004NLGI8</a><br>Description: IC TRANSLATOR UNIV FREQ 48VQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N203A-027NLGI</a><br>Description: IC TRANSLATOR UNIV FREQ 40VFQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N222B-100NLGI</a><br>Description: IC TRANSLATOR UNIV FREQ 48VQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">8T49N222B-002NLGI</a><br>Description: IC TRANSLATOR UNIV FREQ 48VQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N222B-002NLGI8</a><br>Description: IC TRANSLATOR UNIV FREQ 48VQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8T49N203A-999NLGI8</a><br>Description: IC TRANSLATOR UNIV FREQ 40VFQFN | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |

Related keywords for 8T49N222B-001NLGI8

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