

8T49N203A-013NLGI8



Part Number: 8T49N203A-013NLGI8

Manufacturer IDT (Integrated Device Technology)

Description IC TRANSLATOR UNIV FREQ 40VFQFN

Data sheet:  [FemtoClock NG UFT Order Guide](#)  
 [IDT8T49N203A-zzzNLGI](#)

RoHs Status: Lead free / RoHS 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8T49N203A-013NLGI8                        | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC TRANSLATOR UNIV FREQ 40VFQFN           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6345 pcs                                  | Data sheet                       | <a href="#">FemtoClock NG UFT Order Guide</a><br><a href="#">IDT8T49N203A-zzzNLGI</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 2.375 V ~ 3.465 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 40-QFN (6x6)                              | Series                           | FemtoClock® NG                                                                        |
| Ratio - Input:Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3:2                                       | Packaging                        | Tape & Reel (TR)                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 40-VFQFN Exposed Pad                      | PLL                              | Yes with Bypass                                                                       |
| Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LVDS                                      | Other Names                      | IDT8T49N203A-013NLGI8<br>IDT8T49N203A-013NLGI8-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                  | 156.25MHz                                                                             |
| Divider/Multiplier                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes/No                                    | Differential - Input:Output      | Yes/Yes                                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                                   |                |
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|  | Part#: <a href="#">8T49N203A-018NLGI</a><br>Description: IC TRANSLATOR UNIV FREQ 40VFQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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