

9ZXL0831AKLFT



**Part Number:** 9ZXL0831AKLFT

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

**Description:** IC Z-BUFFER LOW POWER 48MLF

**Data sheet:**  9ZXL0831

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

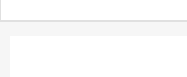
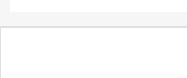
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER               |                             |                                  |                                                                           |
|---------------------------------|-----------------------------|----------------------------------|---------------------------------------------------------------------------|
| Part Number                     | 9ZXL0831AKLFT               | Manufacturer                     | IDT (Integrated Device Technology)                                        |
| Description                     | IC Z-BUFFER LOW POWER 48MLF | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                |
| Quantity Available              | 42908 pcs                   | Data sheet                       | 9ZXL0831                                                                  |
| Category                        | Integrated Circuits (ICs)   | Voltage - Supply                 | 3.135 V ~ 3.465 V                                                         |
| Supplier Device Package         | 48-VFQFPN (6x6)             | Series                           | -                                                                         |
| Ratio - Input:Output            | 1:8                         | Packaging                        | Tape & Reel (TR)                                                          |
| Package / Case                  | 48-VFQFN Exposed Pad        | PLL                              | Yes                                                                       |
| Output                          | HCSL                        | Other Names                      | 800-3693-2<br>9ZXL0831AKLFT-ND<br>ICS9ZXL0831AKLFT<br>ICS9ZXL0831AKLFT-ND |
| Operating Temperature           | 0°C ~ 70°C                  | Number of Circuits               | 1                                                                         |
| Mounting Type                   | Surface Mount               | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                             |
| Manufacturer Standard Lead Time | 12 Weeks                    | Main Purpose                     | Intel QPI, PCI Express (PCIe)                                             |
| Lead Free Status / RoHS Status  | Lead free / RoHS Compliant  | Input                            | Clock                                                                     |
| Frequency - Max                 | 147MHz                      | Differential - Input:Output      | Yes/Yes                                                                   |

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| RELATED PRODUCTS                                                                   |                                                                        |                                                   |     |
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|  | Part#: 9ZXL0851EKILFT<br>Description: DB800ZL "LITE"                   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0831EKILFT<br>Description: DB800ZL                          | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0652EKILFT<br>Description: DB600ZL OEM DERIV "LITE" + WRTLK | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0632EKILFT<br>Description: DB600ZL OEM DERIVATIVE + WRTLK   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0851AKLFT<br>Description: IC Z-BUFFER 85 OHM ZOUT 48MLF     | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0831EKKLFF<br>Description: DB800ZL 105C                     | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0652EKILF<br>Description: DB600ZL OEM DERIV "LITE" + WRTLK  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0851AKLF<br>Description: IC Z-BUFFER 85 OHM ZOUT 48MLF      | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0851EKILF<br>Description: DB800ZL "LITE"                    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0631EKILFT<br>Description: DB600ZL OEM DERIVATIVE           | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0831EKKLFT<br>Description: DB800ZL 105C                     | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0651AKLFT<br>Description: IC CLK BUFFER PLL 40QFN           | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0831EKILF<br>Description: DB800ZL                           | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0651EKILF<br>Description: DB600ZL OEM DERIVATIVE "LITE"     | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0831AKLF<br>Description: IC Z-BUFFER LOW POWER 48MLF        | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0651AKLF<br>Description: IC CLK BUFFER PLL 40QFN            | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0651EKILFT<br>Description: DB600ZL OEM DERIVATIVE "LITE"    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0832EKILFT<br>Description: DB800ZL OEM DERIVATIVE + WRTLK   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 9ZXL0632EKILF<br>Description: DB600ZL OEM DERIVATIVE + WRTLK    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
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Related keywords for 9ZXL0831AKLFT

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| IDT, Integrated Device Technology Inc | Integrated Device Technology (IDT) |                         |                                    |
| 9ZXL0831AKLFT                         | 9ZXL0831AKLFT                      |                         |                                    |