



IDT (Integrated Device Technology)

Technology)



87972DYILF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 87972DYILF                                                                                                   |
| Manufacturer/Brand: | IDT (Integrated Device Technology)                                                                           |
| Product description | IC CLK MULT/ZD BUFFER 52-LQFP                                                                                |
| Datasheets:         |  87972DYILF.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9552 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of 87972DYILF

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 87972DYILF                                                                                         |
| MANUFACTURER                     | IDT (Integrated Device Technology)                                                                 |
| DESCRIPTION                      | IC CLK MULT/ZD BUFFER 52-LQFP                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 9552 pcs                                                                                           |
| DATA SHEET                       |  87972DYILF.pdf |
| VOLTAGE - SUPPLY                 | 3.135 V ~ 3.465 V                                                                                  |
| TYPE                             | Clock Multiplier, Zero Delay Buffer                                                                |
| SUPPLIER DEVICE PACKAGE          | 52-TQFP (10x10)                                                                                    |
| SERIES                           | -                                                                                                  |
| RATIO - INPUT:OUTPUT             | 3:12                                                                                               |
| PACKAGING                        | Tray                                                                                               |
| PACKAGE / CASE                   | 52-LQFP                                                                                            |
| PLL                              | Yes with Bypass                                                                                    |
| OUTPUT                           | LVC MOS, LV TTL                                                                                    |
| OTHER NAMES                      | 800-1229<br>ICS87972DYILF                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                       |
| NUMBER OF CIRCUITS               | 1                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| INPUT                            | LVC MOS, LV TTL, Crystal                                                                           |
| FREQUENCY - MAX                  | 125MHz                                                                                             |
| DIVIDER/MULTIPLIER               | Yes/No                                                                                             |
| DIFFERENTIAL - INPUT:OUTPUT      | No/No                                                                                              |
| BASE PART NUMBER                 | ICS87972                                                                                           |

Related Tags

|                                                  |                                               |                                                   |
|--------------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| IDT (Integrated Device Technology) 87972DYILF    | 87972DYILF Distributor                        | 87972DYILF Supplier                               |
| 87972DYILF Price                                 | 87972DYILF Pictures                           | 87972DYILF Image                                  |
| 87972DYILF PDF Datasheet                         | 87972DYILF Download Datasheet                 | 87972DYILF Datasheet                              |
| 87972DYILF Stock                                 | Buy 87972DYILF                                | Buy IDT (Integrated Device Technology) 87972DYILF |
| IDT (Integrated Device Technology) 87972DYILF    | IDT (Integrated Device Technology) Supplier   | IDT (Integrated Device Technology) Distributor    |
| IDT (Integrated Device Technology) 87972DYILF    | IDT 87972DYILF                                | IDT (Integrated Device Technology) 87972DYILF     |
| IDT, Integrated Device Technology Inc 87972DYILF | Integrated Device Technology (IDT) 87972DYILF |                                                   |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                |
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| <div></div> <div>87973DYE-147LF</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK MULT/ZD BUFFER 52TQFP<br/>In stock: 3895 pcs</div> <div>RFQ</div>    | <div></div> <div>87966-0001</div> <div>Manufacturers: Affinity Medical Technologies - a Molex company<br/>Description: CONN SKT DIMM 240POS SMD<br/>In stock: 3427 pcs</div> <div>RFQ</div> |
| <div></div> <div>87972DYE-147LFT</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK MULT/ZD BUFFER 52-LQFP<br/>In stock: 13759 pcs</div> <div>RFQ</div> | <div></div> <div>87973DYILF</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK MULT/ZD BUFFER 52-LQFP<br/>In stock: 6234 pcs</div> <div>RFQ</div>         |
| <div></div> <div>87973DYE-SC9LFT</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK MULT/ZD BUFFER 52-LQFP<br/>In stock: 6072 pcs</div> <div>RFQ</div>  | <div></div> <div>879674-1</div> <div>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: DRAHT CRIMPER<br/>In stock: 400 pcs</div> <div>RFQ</div>                              |
| <div></div> <div>87973DYE-SC9LF</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK MULT/ZD BUFFER 52-LQFP<br/>In stock: 3172 pcs</div> <div>RFQ</div>   | <div></div> <div>87973DYE-147LFT</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK MULT/ZD BUFFER 52TQFP<br/>In stock: 5050 pcs</div> <div>RFQ</div>     |
| <div></div> <div>879657-2</div> <div>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: NIEDERHALTER<br/>In stock: 644 pcs</div> <div>RFQ</div>                             | <div></div> <div>87972DYILFT</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK MULT/ZD BUFFER 52-LQFP<br/>In stock: 12314 pcs</div> <div>RFQ</div>       |
| <div></div> <div>87972DYE-147LF</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK MULT/ZD BUFFER 52-LQFP<br/>In stock: 10894 pcs</div> <div>RFQ</div>  | <div></div> <div>879658-000</div> <div>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: ST63-3-00<br/>In stock: 47279 pcs</div> <div>RFQ</div>                              |