



IDT (Integrated Device Technology)

Technology)



5T9010BBGI

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5T9010BBGI                                                                                                   |
| Manufacturer/Brand: | IDT (Integrated Device Technology)                                                                           |
| Product description | IC CLK DVR PLL PROGR 144-BGA                                                                                 |
| Datasheets:         |  1.5T9010BBGI.pdf           |
|                     |  2.5T9010BBGI.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3999 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of 5T9010BBGI

|                                  |                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5T9010BBGI                                                                                                                                                                                                   |
| MANUFACTURER                     | IDT (Integrated Device Technology)                                                                                                                                                                           |
| DESCRIPTION                      | IC CLK DVR PLL PROGR 144-BGA                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 3999 pcs                                                                                                                                                                                                     |
| DATA SHEET                       |  1.5T9010BBGI.pdf<br> 2.5T9010BBGI.pdf |
| VOLTAGE - SUPPLY                 | 2.3 V ~ 2.7 V                                                                                                                                                                                                |
| TYPE                             | PLL Clock Driver                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 144-PBGA (13x13)                                                                                                                                                                                             |
| SERIES                           | TeraClock™                                                                                                                                                                                                   |
| RATIO - INPUT:OUTPUT             | 2:10                                                                                                                                                                                                         |
| PACKAGING                        | Tray                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 144-BGA                                                                                                                                                                                                      |
| PLL                              | Yes with Bypass                                                                                                                                                                                              |
| OUTPUT                           | eHSTL, HSTL, LVTTTL                                                                                                                                                                                          |
| OTHER NAMES                      | IDT5T9010BBGI<br>IDT5T9010BBGI-ND                                                                                                                                                                            |
| 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                            | eHSTL, HSTL, LVPECL, LVTTTL                                                                                                                                                                                  |
| FREQUENCY - MAX                  | 250MHz                                                                                                                                                                                                       |
| DIVIDER/MULTIPLIER               | Yes/Yes                                                                                                                                                                                                      |
| DIFFERENTIAL - INPUT:OUTPUT      | Yes/No                                                                                                                                                                                                       |
| BASE PART NUMBER                 | IDT5T9010                                                                                                                                                                                                    |

Related Tags

|                                                  |                                               |                                                   |
|--------------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| IDT (Integrated Device Technology) 5T9010BBGI    | 5T9010BBGI Distributor                        | 5T9010BBGI Supplier                               |
| 5T9010BBGI Price                                 | 5T9010BBGI Pictures                           | 5T9010BBGI Image                                  |
| 5T9010BBGI PDF Datasheet                         | 5T9010BBGI Download Datasheet                 | 5T9010BBGI Datasheet                              |
| 5T9010BBGI Stock                                 | Buy 5T9010BBGI                                | Buy IDT (Integrated Device Technology) 5T9010BBGI |
| IDT (Integrated Device Technology) 5T9010BBGI    | IDT (Integrated Device Technology) Supplier   | IDT (Integrated Device Technology) Distributor    |
| IDT (Integrated Device Technology) 5T9010BBGI    | IDT 5T9010BBGI                                | IDT (Integrated Device Technology) 5T9010BBGI     |
| IDT, Integrated Device Technology Inc 5T9010BBGI | Integrated Device Technology (IDT) 5T9010BBGI |                                                   |

Related Products

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| <div></div> <div>5T90533PGGI8</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:5 250MHZ 28TSSOP<br/>In stock: 5145 pcs</div> <div>RFQ</div> | <div></div> <div>5T907PAGI</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUF 1:10 250MHZ 48TSSOP<br/>In stock: 3275 pcs</div> <div>RFQ</div>     |
| <div></div> <div>5T9070PAGI8</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUF 1:10 200MHZ 48TSSOP<br/>In stock: 2855 pcs</div> <div>RFQ</div>    | <div></div> <div>5T907PAGI8</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUF 1:10 250MHZ 48TSSOP<br/>In stock: 3224 pcs</div> <div>RFQ</div>    |
| <div></div> <div>5T9050PGGI</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:5 200MHZ 28TSSOP<br/>In stock: 7087 pcs</div> <div>RFQ</div>   | <div></div> <div>5T905PGGI8</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:5 250MHZ 28TSSOP<br/>In stock: 3533 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5T9010BBGI8</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK DVR PLL PROGR 144-BGA<br/>In stock: 2849 pcs</div> <div>RFQ</div>      | <div></div> <div>5T9070PAGI</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUF 1:10 200MHZ 48TSSOP<br/>In stock: 5973 pcs</div> <div>RFQ</div>    |
| <div></div> <div>5T90533PGGI</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:5 250MHZ 28TSSOP<br/>In stock: 4345 pcs</div> <div>RFQ</div>  | <div></div> <div>5T905PGGI</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:5 250MHZ 28TSSOP<br/>In stock: 5983 pcs</div> <div>RFQ</div>   |
| <div></div> <div>5T915PAGI</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:5 250MHZ 48TSSOP<br/>In stock: 6370 pcs</div> <div>RFQ</div>    | <div></div> <div>5T9050PGGI8</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:5 200MHZ 28TSSOP<br/>In stock: 5997 pcs</div> <div>RFQ</div> |