



IDT (Integrated Device Technology)

## 23S08-2DCG8

Part Number: 23S08-2DCG8  
 Manufacturer/Brand: IDT (Integrated Device Technology)  
 Product description: IC CLK MULT PLL STD DRV 16-SOIC  
 Datasheets: [1.23S08-2DCG8.pdf](#)  
[2.23S08-2DCG8.pdf](#)  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

### Technology

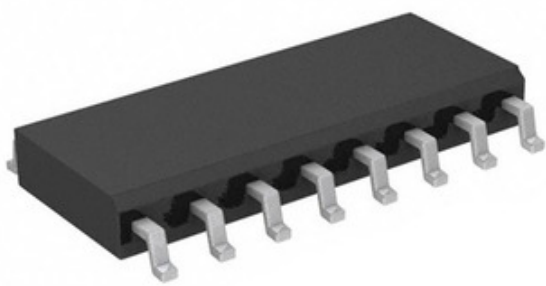


Image may be representation. See specifications for product details.

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### Specifications of 23S08-2DCG8

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | 23S08-2DCG8  |
| MANUFACTURER                     | IDT (Integrated Device Technology)                                     |
| DESCRIPTION                      | IC CLK MULT PLL STD DRV 16-SOIC  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| DATA SHEET                       | <a href="#">1.23S08-2DCG8.pdf</a><br><a href="#">2.23S08-2DCG8.pdf</a> |
| VOLTAGE - SUPPLY                 | 3 V ~ 3.6 V  |
| TYPE                             | Clock Multiplier, Zero Delay Buffer                                    |
| SUPPLIER DEVICE PACKAGE          | 16-SOIC  |
| SERIES                           | -  |
| RATIO - INPUT:OUTPUT             | 1:8  |
| PACKAGING                        | Tape & Reel (TR)   |
| PACKAGE / CASE                   | 16-SOIC (0.154", 3.90mm Width)   |
| PLL                              | Yes with Bypass  |
| OUTPUT                           | CMOS, LVTTTL   |
| OTHER NAMES                      | IDT23S08-2DCG8<br>IDT23S08-2DCG8-ND                                    |
| OPERATING TEMPERATURE            | 0°C ~ 70°C   |
| NUMBER OF CIRCUITS               | 1  |
| MOUNTING TYPE                    | Surface Mount  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| INPUT                            | LVTTTL   |
| FREQUENCY - MAX                  | 133.3MHz   |
| DIVIDER/MULTIPLIER               | Yes/Yes  |
| DIFFERENTIAL - INPUT:OUTPUT      | No/No  |
| BASE PART NUMBER                 | IDT23S08-2   |

### Related Tags

|   |  |  |
|---|--|--|
| <a href="#">IDT (Integrated Device Technology) 23S08-2DCG8</a>    | <a href="#">23S08-2DCG8 Distributor</a>                        | <a href="#">23S08-2DCG8 Supplier</a>                               |
| <a href="#">23S08-2DCG8 Price</a>                                 | <a href="#">23S08-2DCG8 Pictures</a>                           | <a href="#">23S08-2DCG8 Image</a>                                  |
| <a href="#">23S08-2DCG8 PDF Datasheet</a>                         | <a href="#">23S08-2DCG8 Download Datasheet</a>                 | <a href="#">23S08-2DCG8 Datasheet</a>                              |
| <a href="#">23S08-2DCG8 Stock</a>                                 | <a href="#">Buy 23S08-2DCG8</a>                                | <a href="#">Buy IDT (Integrated Device Technology) 23S08-2DCG8</a> |
| <a href="#">IDT (Integrated Device Technology) 23S08-2DCG8</a>    | <a href="#">IDT (Integrated Device Technology) Supplier</a>    | <a href="#">IDT (Integrated Device Technology) Distributor</a>     |
| <a href="#">IDT (Integrated Device Technology) 23S08-2DCG8</a>    | <a href="#">IDT 23S08-2DCG8</a>                                | <a href="#">IDT (Integrated Device Technology) 23S08-2DCG8</a>     |
| <a href="#">IDT, Integrated Device Technology Inc 23S08-2DCG8</a> | <a href="#">Integrated Device Technology (IDT) 23S08-2DCG8</a> |  |

### Related Products

|   |  |
|---|--|
| <p><b>23S08-2DCG18</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC CLK MULT PLL STD DRV 16-SOIC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> | <p><b>23S08-2DCG</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC CLK MULT PLL STD DRV 16-SOIC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>    |
| <p><b>23S08-1HPGGI</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC CLK MULT PLL HI DRV 16-TSSOP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> | <p><b>23S08-1HPGGI8</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC CLK MULT PLL HI DRV 16-TSSOP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |
| <p><b>23S08-2DCGI</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC CLK MULT PLL STD DRV 16-SOIC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>  | <p><b>23S08-2HDCGI8</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC CLK MULT PLL HI DRV 16-SOIC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>  |
| <p><b>23S08-1HPGG</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC CLK MULT PLL HI DRV 16-TSSOP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>  | <p><b>23S08-2HDCG</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC CLK MULT PLL HI DRV 16-SOIC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>    |
| <p><b>23S08-1HDCGI8</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC CLK MULT PLL HI DRV 16-SOIC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> | <p><b>23S08-2HDCGI</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC CLK MULT PLL HI DRV 16-SOIC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>   |
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