

IDT23S08E-2HDCG8



**Part Number:** IDT23S08E-2HDCG8

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

**Description:** IC CLK MULT PLL HI DRV 16-SOIC

**Data sheet:**  IDT23S08E

**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                                                                                                                                                                                                                                                                                                                                                                                                                                        | IDT23S08E-2HDCG8                    | Manufacturer                   | IDT (Integrated Device Technology) |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC CLK MULT PLL HI DRV 16-SOIC      | Lead Free Status / RoHS Status | Lead free / RoHS Compliant         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4887 pcs                            | Data sheet                     | IDT23S08E                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                           | Integrated Circuits (ICs)           | 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                                                                                                                                                                                                                                                                                                                                                                                                                                        | 23S08E-2HDCG8                       | 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                | 200MHz                             |
| Divider/Multiplier                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes/Yes                             | Differential - Input:Output    | No/No                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | IDT23S08-2                          |                                |                                    |
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| RELATED PRODUCTS                                                                   |                                                                          |                                                   |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------|-----|
|  | Part#: IDT23S08E-3DC8<br>Description: IC CLK MULT PLL STD DRV 16-SOIC    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-5HDC<br>Description: IC CLK MULT PLL HI DRV 16-SOIC     | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-4DC<br>Description: IC CLK MULT PLL STD DRV 16-SOIC     | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-3DCI8<br>Description: IC CLK MULT PLL STD DRV 16-SOIC   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-1HPGGI<br>Description: IC CLK MULT ZD HI DRIVE 16-TSSOP | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-2DC8<br>Description: IC CLK MULT PLL STD DRV 16-SOIC    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-2DCG8<br>Description: IC CLK MULT PLL STD DRV 16-SOIC   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-2HDCG<br>Description: IC CLK MULT ZD HIGH DRV 16-SOIC   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-2DCG<br>Description: IC CLK MULT ZD STD DRIVE 16-SOIC   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-3DCI<br>Description: IC CLK MULT PLL STD DRV 16-SOIC    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-1HPGGI8<br>Description: IC CLK MULT PLL HI DRV 16-TSSOP | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-2DCI8<br>Description: IC CLK MULT PLL STD DRV 16-SOIC   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-2DCI<br>Description: IC CLK MULT PLL STD DRV 16-SOIC    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-2DC<br>Description: IC CLK MULT PLL STD DRV 16-SOIC     | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-1HPGG8<br>Description: IC CLK MULT PLL HI DRV 16-TSSOP  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-4DC8<br>Description: IC CLK MULT PLL STD DRV 16-SOIC    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-4DCGI8<br>Description: IC CLK MULT PLL STD DRV 16-SOIC  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-5HDC8<br>Description: IC CLK MULT PLL HI DRV 16-SOIC    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-4DCGI<br>Description: IC CLK MULT ZD STD DRIVE 16-SOIC  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT23S08E-3DC<br>Description: IC CLK MULT PLL STD DRV 16-SOIC     | Manufacturers: IDT (Integrated Device Technology) | RFQ |

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| Related keywords for IDT23S08E-2HDCG8                  |                                                     |                            |                                                     |
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|                                                        | Integrated Device Technology (IDT) IDT23S08E-2HDCG8 |                            |                                                     |