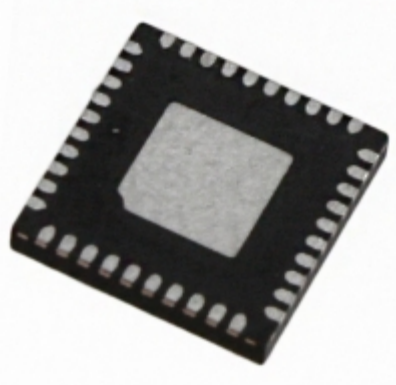


CSPUA877ANLG8



**Integrated Device Technology**

**Part Number:** [CSPUA877ANLG8](#)

**Manufacturer:** [IDT \(Integrated Device Technology\)](#)

**Description:** IC PLL CLK DVR SDRAM 40-VFQFPN

**Data sheet:**  [IDTCSPUA877A](#)

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

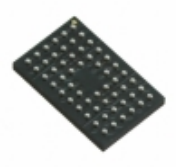
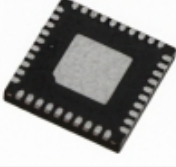
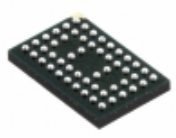
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CSPUA877ANLG8                             | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC PLL CLK DVR SDRAM 40-VFQFPN            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 51501 pcs                                 | Data sheet                       | <a href="#">IDTCSPUA877A</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.7 V ~ 1.9 V                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40-VFQFPN (6x6)                           | Series                           | -                                                  |
| Ratio - Input:Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1:10                                      | Packaging                        | Tape & Reel (TR)                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 40-VFQFN Exposed Pad                      | PLL                              | Yes                                                |
| Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Clock                                     | Other Names                      | IDTCSPUA877ANLG8<br>IDTCSPUA877ANLG8-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                     | Memory, DDR2, SDRAM                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                | Input                            | Clock                                              |
| Frequency - Max                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 410MHz                                    | Differential - Input:Output      | Yes/Yes                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IDTCSPUA877                               |                                  |                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                                   |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">CSPU877ABVG</a><br>Description: IC SDRAM CLK DVR 1:10 52-VFBGA  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPU877BVG</a><br>Description: IC PLL CLK DVR SDRAM 56-CABGA    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPT857DPAG</a><br>Description: IC CLK BUF DDR 220MHZ 1CIRC     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPUA877ANLG</a><br>Description: IC PLL CLK DVR SDRAM 40-VFQFPN | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPU877ABVG8</a><br>Description: IC PLL CLK DVR SDRAM 56-CABGA  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPU877ANLG8</a><br>Description: IC PLL CLK DVR SDRAM 40-VFQFPN | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPUA877ABVG8</a><br>Description: IC PLL CLK DVR SDRAM 52-CABGA | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPT857DBVG</a><br>Description: IC CLK BUF DDR 220MHZ 1CIRC     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPT857DPAG8</a><br>Description: IC CLK BUF DDR 220MHZ 1CIRC    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPUA877ABVG</a><br>Description: IC SDRAM CLK DVR 1:10 52-VFBGA | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPUA877BVG8</a><br>Description: IC PLL CLK DVR SDRAM 52-CABGA  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPU877ANLG</a><br>Description: IC PLL CLK DVR SDRAM 40-VFQFPN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPT857DPAGI8</a><br>Description: IC CLK BUF DDR 220MHZ 1CIRC   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPU877DBVG8</a><br>Description: IC PLL CLK DVR SDRAM 52-CABGA  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPT857DBVG8</a><br>Description: IC CLK BUF DDR 220MHZ 1CIRC    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPU877BVG8</a><br>Description: IC PLL CLK DVR SDRAM 56-CABGA   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPU877DBVG</a><br>Description: IC PLL CLK DVR SDRAM 52-CABGA   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPT857CPAG8</a><br>Description: IC CLK BUF DDR 220MHZ 1CIRC    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPUA877BVG</a><br>Description: IC PLL CLK DVR SDRAM 52-CABGA   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CSPT857DPAGI</a><br>Description: IC CLK BUF DDR 220MHZ 1CIRC    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |

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|                                       |                                    |                         |                                    |
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