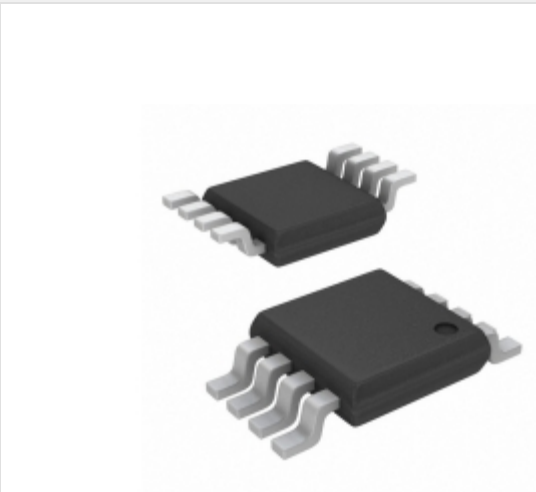


501GILF





**Part Number:** 501GILF

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

**Description:** IC PLL CLK MULTIPLIER 8-MSOP

**Data sheet:**  [ICS501](#)

**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.  
Buy 501GILF with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                |                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 501GILF                                   | Manufacturer                   | <a href="#">IDT (Integrated Device Technology)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC PLL CLK MULTIPLIER 8-MSOP              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 80468 pcs                                 | Data sheet                     | <a href="#">ICS501</a>                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 3 V ~ 5.25 V                                       |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Clock Generator                           | Supplier Device Package        | 8-TSSOP                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LOCO™                                     | Ratio - Input:Output           | 1:1                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tube                                      | Package / Case                 | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)             |
| PLL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                       | Output                         | CMOS                                               |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ICS501GILF<br>ICS501GILF-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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Clock, Crystal                            | Frequency - Max                | 140MHz                                             |
| Divider/Multiplier                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | No/Yes                                    | Differential - Input:Output    | No/No                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ICS501                                    |                                |                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all IDT (Integrated Device Technology) series electronic components. We have 80468 pieces of IDT (Integrated Device Technology) 501GILF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                    |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                                   |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">501GCL-ADAG</a><br>Description: OSC PROG LVCMOS 1.7-3.6V EN/DS    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">501GCM-ABAG</a><br>Description: OSC PROG LVCMOS 1.7-3.6V EN/DS    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">501GCL-ACAF</a><br>Description: OSC PROG LVCMOS 1.7-3.6V EN/DS    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">501GLFT</a><br>Description: IC PLL CLK MULTIPLIER 8-MSOP          | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">501GCM-ADAG</a><br>Description: OSC PROG LVCMOS 1.7-3.6V EN/DS    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">501HAA-ABAG</a><br>Description: OSC PROG LVCMOS 1.7-3.6V EN/DS    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">501H47W104KQ4</a><br>Description: CAP CER 0.1UF 500V X7R RADIAL   | Manufacturers: <a href="#">Johanson Dielectrics, Inc.</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">501GCL-ACAG</a><br>Description: OSC PROG LVCMOS 1.7-3.6V EN/DS    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">501H51W105KQ4</a><br>Description: CAP CER 1.0UF 500V X7R RADIAL   | Manufacturers: <a href="#">Johanson Dielectrics, Inc.</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">501GCM-ACAF</a><br>Description: OSC PROG LVCMOS 1.7-3.6V EN/DS    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">501GCM-ACAG</a><br>Description: OSC PROG LVCMOS 1.7-3.6V EN/DS    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">501HAA-ABAF</a><br>Description: OSC PROG LVCMOS 1.7-3.6V EN/DS    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">501GCM-ABAF</a><br>Description: OSC PROG LVCMOS 1.7-3.6V EN/DS    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">501GCL-ADAF</a><br>Description: OSC PROG LVCMOS 1.7-3.6V EN/DS    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">501H03W223KQ4</a><br>Description: CAP CER 0.022UF 500V X7R RADIAL | Manufacturers: <a href="#">Johanson Dielectrics, Inc.</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">501GCM-ADAF</a><br>Description: OSC PROG LVCMOS 1.7-3.6V EN/DS    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">501H47W204MQ4</a><br>Description: CAP CER 0.2UF 500V X7R RADIAL   | Manufacturers: <a href="#">Johanson Dielectrics, Inc.</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">501GILFT</a><br>Description: IC PLL CLK MULTIPLIER 8-MSOP         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">501H51W474KQ4</a><br>Description: CAP CER 0.47UF 500V X7R RADIAL  | Manufacturers: <a href="#">Johanson Dielectrics, Inc.</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">501GLF</a><br>Description: IC PLL CLK MULTIPLIER 8-MSOP           | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |

Related keywords for 501GILF

|                                            |                     |                                            |                                               |
|--------------------------------------------|---------------------|--------------------------------------------|-----------------------------------------------|
| IDT (Integrated Device Technology) 501GILF | 501GILF distributor | 501GILF supplier                           | 501GILF price                                 |
| 501GILF download datasheet                 | 501GILF datasheet   | 501GILF stock                              | buy 501GILF                                   |
| IDT (Integrated Device Technology) 501GILF | IDT 501GILF         | IDT (Integrated Device Technology) 501GILF | IDT, Integrated Device Technology Inc 501GILF |
| Integrated Device Technology (IDT) 501GILF |                     |                                            |                                               |