

8530DYI-01LF



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Request For Quotation



**Part Number:** 8530DYI-01LF

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

**Description:** IC CLK BUF 1:16 500MHZ 48PTQFP

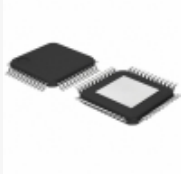
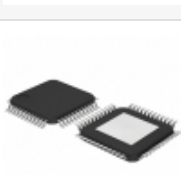
**Data sheet:**  [ICS8530I-01](#)

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

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                  |                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8530DYI-01LF                              | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a>                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC CLK BUF 1:16 500MHZ 48PTQFP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2900 pcs                                  | Data sheet                       | <a href="#">ICS8530I-01</a>                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 3.135 V ~ 3.465 V                                                     |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fanout Buffer (Distribution)              | Supplier Device Package          | 48-TQFP-EP (7x7)                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Ratio - Input:Output             | 1:16                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tray                                      | Package / Case                   | 48-TQFP Exposed Pad                                                   |
| Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LVPECL                                    | Other Names                      | ICS8530DYI-01LF<br>ICS8530DYI-01LF-ND                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C                              | Number of Circuits               | 1                                                                     |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Input                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | HCSL, LVDS, LVHSTL, LVPECL, SSTL          | Frequency - Max                  | 500MHz                                                                |
| Differential - Input:Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes/Yes                                   | Detailed Description             | Clock Fanout Buffer (Distribution) IC 1:16 500MHz 48-TQFP Exposed Pad |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ICS8530                                   |                                  |                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all IDT (Integrated Device Technology) series electronic components. We have 2900 pieces of IDT (Integrated Device Technology) 8530DYI-01LF 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="#">853088-2</a><br>Description: ANVIL                                  | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">853088-9</a><br>Description: ANVIL                                  | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">8531</a><br>Description: KNOB KNURLED 0.250" PLASTIC                | Manufacturers: <a href="#">Keystone Electronics Corp.</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">85310AYI-01LFT</a><br>Description: IC CLK BUFFER 2:10 700MHZ 32TQFP | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">853088-5</a><br>Description: ANVIL                                  | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">853088-8</a><br>Description: ANVIL                                  | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">8530FY-01LF</a><br>Description: IC CLK BUFFER 1:16 500MHZ 48TQFP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">8530DY-01LFT</a><br>Description: IC CLK BUF 1:16 500MHZ 48PTQFP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">85310AYI-11LF</a><br>Description: IC CLK BUFFER 2:10 700MHZ 32TQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">8530FY-01LFT</a><br>Description: IC CLK BUFFER 1:16 500MHZ 48TQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">85308K-11</a><br>Description: COUNTER 5 CHAR 5-110V PANEL MT        | Manufacturers: <a href="#">Honeywell Sensing and Productivity Solutions</a> | <div>RFQ</div> |
|  | Part#: <a href="#">8530DYLFW</a><br>Description: IC CLK BUFFER 1:16 500MHZ 48TQFP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">8530DYI-01LFT</a><br>Description: IC CLK BUF 1:16 500MHZ 48PTQFP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">8530DYLFW</a><br>Description: IC CLK BUFFER 1:16 500MHZ 48TQFP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">85309</a><br>Description: 9MM X-BEAM REV COMB RATCHWR               | Manufacturers: <a href="#">Apex Tool Group</a>                              | <div>RFQ</div> |
|  | Part#: <a href="#">8530DY-01LF</a><br>Description: IC CLK BUF 1:16 500MHZ 48PTQFP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">853088-1</a><br>Description: ANVIL                                  | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">85310AYI-01LF</a><br>Description: IC CLK BUFFER 2:10 700MHZ 32TQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">853088-3</a><br>Description: ANVIL                                  | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">8530DYLFT</a><br>Description: IC CLK BUFFER 1:16 500MHZ 48TQFP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>           | <div>RFQ</div> |

Related keywords for 8530DYI-01LF

|                                                 |                          |                                                 |                                                    |
|-------------------------------------------------|--------------------------|-------------------------------------------------|----------------------------------------------------|
| IDT (Integrated Device Technology) 8530DYI-01LF | 8530DYI-01LF distributor | 8530DYI-01LF supplier                           | 8530DYI-01LF price                                 |
| 8530DYI-01LF download datasheet                 | 8530DYI-01LF datasheet   | 8530DYI-01LF stock                              | buy 8530DYI-01LF                                   |
| IDT (Integrated Device Technology) 8530DYI-01LF | IDT 8530DYI-01LF         | IDT (Integrated Device Technology) 8530DYI-01LF | IDT, Integrated Device Technology Inc 8530DYI-01LF |
| Integrated Device Technology (IDT) 8530DYI-01LF |                          |                                                 |                                                    |