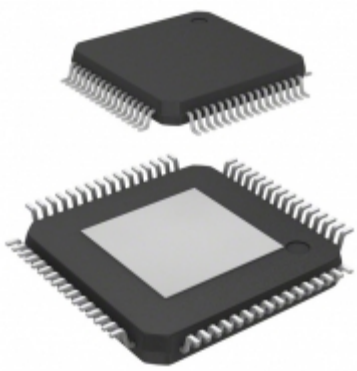


8524AYLFT





**Part Number:** [8524AYLFT](#)

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

**Description:** IC CLK BUFFER 2:22 500MHZ 64TQFP

**Data sheet:**  [ICS8524](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8524AYLFT                                                                          | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC CLK BUFFER 2:22 500MHZ 64TQFP                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5385 pcs                                                                           | Data sheet                       | <a href="#">ICS8524</a>                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Supply                 | 3.135 V ~ 3.465 V                                  |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Fanout Buffer (Distribution), Multiplexer                                          | Supplier Device Package          | 64-TQFP-EP (10x10)                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                                  | Ratio - Input:Output             | 2:22                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                                                   | Package / Case                   | 64-TQFP Exposed Pad                                |
| Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | HSTL                                                                               | Other Names                      | ICS8524AYLFT<br>ICS8524AYLFT-ND                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0°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                            | CML, HCSL, HSTL, LVDS, LVHSTL, LVPECL, SSTL        |
| Frequency - Max                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 500MHz                                                                             | Differential - Input:Output      | Yes/Yes                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Clock Fanout Buffer (Distribution), Multiplexer IC 2:22 500MHz 64-TQFP Exposed Pad | Base Part Number                 | ICS8524                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all IDT (Integrated Device Technology) series electronic components. We have 5385 pieces of IDT (Integrated Device Technology) 8524AYLFT 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="#">85244CY BK005</a><br>Description: 24AWG 4C SHIELDED 100'          | Manufacturers: <a href="#">Alpha Wire</a>                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8525 002100</a><br>Description: HOOK-UP STRND 24AWG RED 100'      | Manufacturers: <a href="#">Belden</a>                                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8525 0011000</a><br>Description: HOOK-UP STRND 24AWG BROWN 1000'  | Manufacturers: <a href="#">Belden</a>                                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8525 0041000</a><br>Description: HOOK-UP STRND 24AWG YELLOW 1000' | Manufacturers: <a href="#">Belden</a>                                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8525 0031000</a><br>Description: HOOK-UP STRND 24AWG ORANGE 1000' | Manufacturers: <a href="#">Belden</a>                                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">85247CY BK005</a><br>Description: 24AWG 7C SHIELDED 100'          | Manufacturers: <a href="#">Alpha Wire</a>                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">85245-79</a><br>Description: COUNTER 5 CHAR 5-110V PANEL MT       | Manufacturers: <a href="#">Honeywell Sensing and Productivity Solutions</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8524AYLF</a><br>Description: IC CLK BUFFER 2:22 500MHZ 64TQFP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">85245CY BK005</a><br>Description: 24AWG 5C SHIELDED 100'          | Manufacturers: <a href="#">Alpha Wire</a>                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">85244-42</a><br>Description: COUNTER 5 CHAR 5-110V PANEL MT       | Manufacturers: <a href="#">Honeywell Sensing and Productivity Solutions</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8525 001100</a><br>Description: HOOK-UP STRND 24AWG BROWN 100'    | Manufacturers: <a href="#">Belden</a>                                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">85243-92</a><br>Description: COUNTER 5 CHAR 5-110V PANEL MT       | Manufacturers: <a href="#">Honeywell Sensing and Productivity Solutions</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8525 004100</a><br>Description: HOOK-UP STRND 24AWG YELLOW 100'   | Manufacturers: <a href="#">Belden</a>                                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8525 005100</a><br>Description: HOOK-UP STRND 24AWG GREEN 100'    | Manufacturers: <a href="#">Belden</a>                                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">85244-19</a><br>Description: COUNTER 5 CHAR 5-110V PANEL MT       | Manufacturers: <a href="#">Honeywell Sensing and Productivity Solutions</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">852426-1</a><br>Description: FUNNEL SUBASSY                       | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8525 003100</a><br>Description: HOOK-UP STRND 24AWG ORANGE 100'   | Manufacturers: <a href="#">Belden</a>                                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">85243CY BK005</a><br>Description: 24AWG 3C SHIELDED 100'          | Manufacturers: <a href="#">Alpha Wire</a>                                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8525 0021000</a><br>Description: HOOK-UP STRND 24AWG RED 1000'    | Manufacturers: <a href="#">Belden</a>                                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">8525 0051000</a><br>Description: HOOK-UP STRND 24AWG GREEN 1000'  | Manufacturers: <a href="#">Belden</a>                                       | <a href="#">RFQ</a> |

| Related keywords for 8524AYLFT               |                       |                                              |                                                 |
|----------------------------------------------|-----------------------|----------------------------------------------|-------------------------------------------------|
| IDT (Integrated Device Technology) 8524AYLFT | 8524AYLFT distributor | 8524AYLFT supplier                           | 8524AYLFT price                                 |
| 8524AYLFT download datasheet                 | 8524AYLFT datasheet   | 8524AYLFT stock                              | buy 8524AYLFT                                   |
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| Integrated Device Technology (IDT) 8524AYLFT |                       |                                              |                                                 |