

**IDT (Integrated Device Technology)**

**Technology)**

## ICS85454AK-01LF

|                      |                                    |
|----------------------|------------------------------------|
| Part Number:         | ICS85454AK-01LF                    |
| Manufacturer/Brand:  | IDT (Integrated Device Technology) |
| Product description: | IC CLK BUF 2:1/1:2 16VFQFN         |
| Datasheets:          | ICS85454AK-01LF.pdf                |
| RoHS Status:         | Lead free / RoHS Compliant         |
| Stock Condition:     | 5269 pcs stock                     |
| Ship From:           | Hong Kong                          |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS              |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

### Specifications of ICS85454AK-01LF

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | ICS85454AK-01LF   |
| MANUFACTURER                     | IDT (Integrated Device Technology)  |
| DESCRIPTION                      | IC CLK BUF 2:1/1:2 16VFQFN  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| QUANTITY AVAILABLE               | 5269 pcs  |
| DATA SHEET                       | ICS85454AK-01LF.pdf   |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 2.625 V   |
| TYPE                             | Fanout Buffer (Distribution), Multiplexer   |
| SUPPLIER DEVICE PACKAGE          | 16-VFQFN (3x3)  |
| SERIES                           | -   |
| RATIO - INPUT:OUTPUT             | 2:1, 1:2  |
| PACKAGING                        | Tube  |
| PACKAGE / CASE                   | 16-VFQFN Exposed Pad  |
| OUTPUT                           | LVDS  |
| OTHER NAMES                      | 85454AK-01LF  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C  |
| NUMBER OF CIRCUITS               | 2   |
| MOUNTING TYPE                    | Surface Mount   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| INPUT                            | CML, LVDS, LVPECL   |
| FREQUENCY - MAX                  | 2.5GHz  |
| DIFFERENTIAL - INPUT:OUTPUT      | No/No   |
| DETAILED DESCRIPTION             | Clock Fanout Buffer (Distribution), Multiplexer IC 2:1, 1:2 2.5GHz 16-VFQFN Exposed Pad |
| BASE PART NUMBER                 | ICS85454-01   |

### Related Tags

|   |  |  |
|---|--|--|
| IDT (Integrated Device Technology) ICS85454AK-01LF    | ICS85454AK-01LF Distributor                        | ICS85454AK-01LF Supplier                               |
| ICS85454AK-01LF Price                                 | ICS85454AK-01LF Pictures                           | ICS85454AK-01LF Image                                  |
| ICS85454AK-01LF PDF Datasheet                         | ICS85454AK-01LF Download Datasheet                 | ICS85454AK-01LF Datasheet                              |
| ICS85454AK-01LF Stock                                 | Buy ICS85454AK-01LF                                | Buy IDT (Integrated Device Technology) ICS85454AK-01LF |
| IDT (Integrated Device Technology) ICS85454AK-01LF    | IDT (Integrated Device Technology) Supplier        | IDT (Integrated Device Technology) Distributor         |
| IDT (Integrated Device Technology) ICS85454AK-01LF    | IDT ICS85454AK-01LF                                | IDT (Integrated Device Technology) ICS85454AK-01LF     |
| IDT, Integrated Device Technology Inc ICS85454AK-01LF | Integrated Device Technology (IDT) ICS85454AK-01LF |  |

### Related Products

|  |   |
|--|---|
| <div style="border: 1px solid black; padding: 5px;"> <p><b>ICS85454AKILF</b></p> <p>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUF 2:1/1:2 16VFQFN<br/>In stock: 4127 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> </div>      | <div style="border: 1px solid black; padding: 5px;"> <p><b>ICS85454AKLFT</b></p> <p>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUF 2:1/1:2 16VFQFN<br/>In stock: 3371 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> </div>       |
| <div style="border: 1px solid black; padding: 5px;"> <p><b>ICS854210CYLF</b></p> <p>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:5 2GHZ 32TQFP<br/>In stock: 4341 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> </div>   | <div style="border: 1px solid black; padding: 5px;"> <p><b>ICS8543BGIT</b></p> <p>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 2:4 650MHZ 20TSSOP<br/>In stock: 4019 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> </div>   |
| <div style="border: 1px solid black; padding: 5px;"> <p><b>ICS85454AKLF</b></p> <p>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUF 2:1/1:2 16VFQFN<br/>In stock: 3639 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> </div>       | <div style="border: 1px solid black; padding: 5px;"> <p><b>ICS854057AGLFT</b></p> <p>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK MULTIPLX 4:1/2:1 20TSSOP<br/>In stock: 6275 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> </div> |
| <div style="border: 1px solid black; padding: 5px;"> <p><b>ICS8545AG-02</b></p> <p>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 2:4 350MHZ 20TSSOP<br/>In stock: 4262 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> </div> | <div style="border: 1px solid black; padding: 5px;"> <p><b>ICS854104AGT</b></p> <p>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:4 700MHZ 16TSSOP<br/>In stock: 4386 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> </div>  |
| <div style="border: 1px solid black; padding: 5px;"> <p><b>ICS854104AG</b></p> <p>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:4 700MHZ 16TSSOP<br/>In stock: 6941 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> </div>  | <div style="border: 1px solid black; padding: 5px;"> <p><b>ICS85454AKILFT</b></p> <p>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUF 2:1/1:2 16VFQFN<br/>In stock: 5353 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> </div>      |
| <div style="border: 1px solid black; padding: 5px;"> <p><b>ICS85454AK-01LFT</b></p> <p>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUF 2:1/1:2 16VFQFN<br/>In stock: 6417 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> </div>   | <div style="border: 1px solid black; padding: 5px;"> <p><b>ICS8543BGI</b></p> <p>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 2:4 650MHZ 20TSSOP<br/>In stock: 4558 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> </div>    |