



IDT (Integrated Device Technology)

Technology)

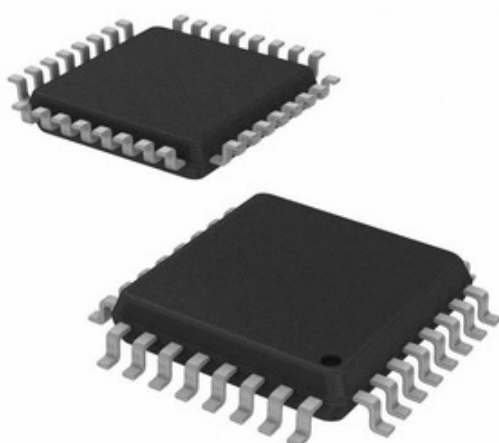


Image may be representation. See specifications for product details.

ICS8442AYLF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ICS8442AYLF                                                                                                  |
| Manufacturer/Brand: | IDT (Integrated Device Technology)                                                                           |
| Product description | IC SYNTHESIZER DUAL LVDS 32-LQFP                                                                             |
| Datasheets:         |  ICS8442AYLF.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

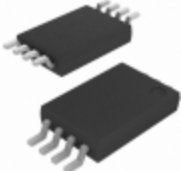
Specifications of ICS8442AYLF

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ICS8442AYLF                                                                                         |
| MANUFACTURER                     | IDT (Integrated Device Technology)                                                                  |
| DESCRIPTION                      | IC SYNTHESIZER DUAL LVDS 32-LQFP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| DATA SHEET                       |  ICS8442AYLF.pdf |
| VOLTAGE - SUPPLY                 | 3.135 V ~ 3.465 V                                                                                   |
| TYPE                             | Clock/Frequency Synthesizer, Fanout Distribution, Multiplexer                                       |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (7x7)                                                                                       |
| SERIES                           | -                                                                                                   |
| RATIO - INPUT:OUTPUT             | 1:2                                                                                                 |
| PACKAGING                        | Tray                                                                                                |
| PACKAGE / CASE                   | 32-LQFP                                                                                             |
| PLL                              | Yes with Bypass                                                                                     |
| OUTPUT                           | LVDS                                                                                                |
| OTHER NAMES                      | 800-1149<br>8442AYLF                                                                                |
| 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                            | Crystal                                                                                             |
| FREQUENCY - MAX                  | 700MHz                                                                                              |
| DIVIDER/MULTIPLIER               | Yes/No                                                                                              |
| DIFFERENTIAL - INPUT:OUTPUT      | No/Yes                                                                                              |
| BASE PART NUMBER                 | 8442                                                                                                |

Related Tags

|                                                   |                                                |                                                    |
|---------------------------------------------------|------------------------------------------------|----------------------------------------------------|
| IDT (Integrated Device Technology) ICS8442AYLF    | ICS8442AYLF Distributor                        | ICS8442AYLF Supplier                               |
| ICS8442AYLF Price                                 | ICS8442AYLF Pictures                           | ICS8442AYLF Image                                  |
| ICS8442AYLF PDF Datasheet                         | ICS8442AYLF Download Datasheet                 | ICS8442AYLF Datasheet                              |
| ICS8442AYLF Stock                                 | Buy ICS8442AYLF                                | Buy IDT (Integrated Device Technology) ICS8442AYLF |
| IDT (Integrated Device Technology) ICS8442AYLF    | IDT (Integrated Device Technology) Supplier    | IDT (Integrated Device Technology) Distributor     |
| IDT (Integrated Device Technology) ICS8442AYLF    | IDT ICS8442AYLF                                | IDT (Integrated Device Technology) ICS8442AYLF     |
| IDT, Integrated Device Technology Inc ICS8442AYLF | Integrated Device Technology (IDT) ICS8442AYLF |                                                    |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ICS8432BYI-51</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SYNTHESIZER LVPECL 32-LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>ICS853001AGLF</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:1 2.5GHZ 8TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>ICS8442AYILF</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SYNTHESIZE DUAL 700MHZ 32LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>ICS8516FYI</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:16 700MHZ 48LQFP<br/>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div><b>ICS85105AGIT</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 2:5 500MHZ 20TSSOP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>ICS8516FYIT</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 1:16 700MHZ 48LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>ICS844051CGILFT</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLOCK GEN GIG ETH 8-TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>ICS8442AYILFT</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SYNTHESIZE DUAL 700MHZ 32LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>ICS85105AGI</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK BUFFER 2:5 500MHZ 20TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>ICS844051CGILF</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK GEN GIG ETH LVDS 8-TSSOP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>ICS8442AYLFT</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SYNTHESIZE DUAL 700MHZ 32LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>ICS844011AGILF</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK GEN FIBRE LVDS 8-TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>   |