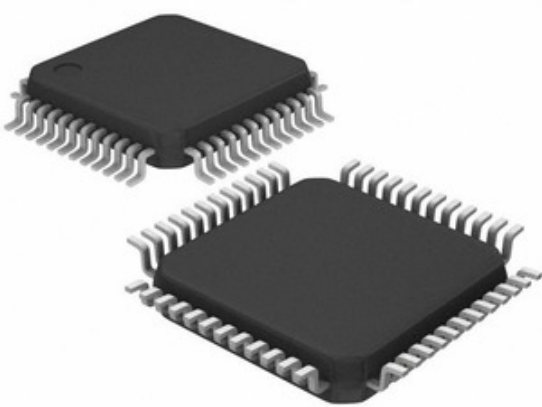


Integrated Device Technology

IDT (Integrated Device Technology)

Technology)



8430002AYILFT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 8430002AYILFT                                                                                                |
| Manufacturer/Brand: | IDT (Integrated Device Technology)                                                                           |
| Product description | IC FREQ SYNTHESIZER 48LQFP                                                                                   |
|                     |  1.8430002AYILFT.pdf        |
|                     |  2.8430002AYILFT.pdf        |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of 8430002AYILFT

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 8430002AYILFT                                                                                                                                                                                                      |
| MANUFACTURER                     | IDT (Integrated Device Technology)                                                                                                                                                                                 |
| DESCRIPTION                      | IC FREQ SYNTHESIZER 48LQFP                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| DATA SHEET                       |  1.8430002AYILFT.pdf<br> 2.8430002AYILFT.pdf |
| VOLTAGE - SUPPLY                 | 3.135 V ~ 3.465 V                                                                                                                                                                                                  |
| TYPE                             | Frequency Synthesizer                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 48-TQFP (7x7)                                                                                                                                                                                                      |
| SERIES                           | -                                                                                                                                                                                                                  |
| RATIO - INPUT:OUTPUT             | 2:3                                                                                                                                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 48-LQFP                                                                                                                                                                                                            |
| PLL                              | Yes with Bypass                                                                                                                                                                                                    |
| OUTPUT                           | LVC MOS, LVPECL, LV TTL                                                                                                                                                                                            |
| OTHER NAMES                      | ICS8430002AYILFT<br>ICS8430002AYILFT-ND                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                                       |
| NUMBER OF CIRCUITS               | 1                                                                                                                                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| INPUT                            | CML, LVPECL, SSTL, Crystal                                                                                                                                                                                         |
| FREQUENCY - MAX                  | 640MHz                                                                                                                                                                                                             |
| DIVIDER/MULTIPLIER               | Yes/No                                                                                                                                                                                                             |
| DIFFERENTIAL - INPUT:OUTPUT      | Yes/Yes                                                                                                                                                                                                            |
| BASE PART NUMBER                 | ICS8430002                                                                                                                                                                                                         |

Related Tags

|                                                     |                                                  |                                                      |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------|
| IDT (Integrated Device Technology) 8430002AYILFT    | 8430002AYILFT Distributor                        | 8430002AYILFT Supplier                               |
| 8430002AYILFT Price                                 | 8430002AYILFT Pictures                           | 8430002AYILFT Image                                  |
| 8430002AYILFT PDF Datasheet                         | 8430002AYILFT Download Datasheet                 | 8430002AYILFT Datasheet                              |
| 8430002AYILFT Stock                                 | Buy 8430002AYILFT                                | Buy IDT (Integrated Device Technology) 8430002AYILFT |
| IDT (Integrated Device Technology) 8430002AYILFT    | IDT (Integrated Device Technology) Supplier      | IDT (Integrated Device Technology) Distributor       |
| IDT (Integrated Device Technology) 8430002AYILFT    | IDT 8430002AYILFT                                | IDT (Integrated Device Technology) 8430002AYILFT     |
| IDT, Integrated Device Technology Inc 8430002AYILFT | Integrated Device Technology (IDT) 8430002AYILFT |                                                      |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>843001AG-123LF</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SYNTHESIZER LVPECL 8-TSSOP<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>843001AG-21LF</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SYNTHESIZER LVPECL 24-TSSOP<br/>In stock: 1 pcs</div> <div>RFQ</div> |
|  <div><b>8430-18</b><br/>Manufacturers: 3M<br/>Description: COLD SHRINK 1.68-3.69 X 18" BLK<br/>In stock: 10 pcs</div> <div>RFQ</div>                                          |  <div><b>8430002AYLFF</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC FREQ SYNTHESIZER 48LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>8430</b><br/>Manufacturers: Keystone Electronics Corp.<br/>Description: HEX STANDOFF #8-32 ALUMINUM 7/8"<br/>In stock: Out stock</div> <div>RFQ</div>                 |  <div><b>8430010000</b><br/>Manufacturers: Weidmüller<br/>Description: OPTOISOLATOR TRANS MODULE<br/>In stock: Out stock</div> <div>RFQ</div>                             |
|  <div><b>8430-9</b><br/>Manufacturers: 3M<br/>Description: COLD SHRINK 1.68-3.69 X 9" BLK<br/>In stock: 10 pcs</div> <div>RFQ</div>                                            |  <div><b>8430002AYLFT</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC FREQ SYNTHESIZER 48LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>843</b><br/>Manufacturers: Keystone Electronics Corp.<br/>Description: TERMINAL STRIP MINI 2 POS<br/>In stock: Out stock</div> <div>RFQ</div>                         |  <div><b>8430000000</b><br/>Manufacturers: Weidmüller<br/>Description: OPTOISOLATOR TRANS MODULE<br/>In stock: Out stock</div> <div>RFQ</div>                             |
|  <div><b>843001AG-123LFT</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SYNTHESIZER LVPECL 8-TSSOP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>8430002AYILF</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC FREQ SYNTHESIZER 48LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |