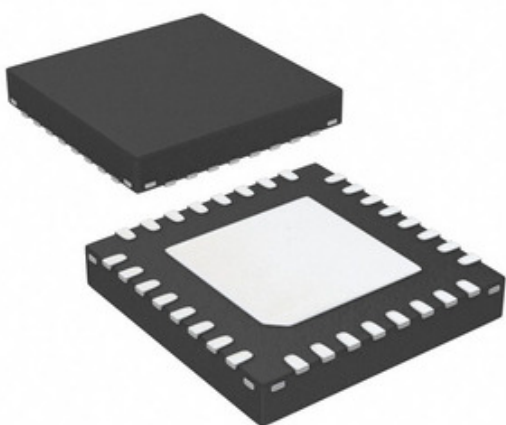




IDT (Integrated Device Technology)

Technology)



8442AKI-90LFT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 8442AKI-90LFT                                                                                                |
| Manufacturer/Brand: | IDT (Integrated Device Technology)                                                                           |
| Product description | IC CLK SYNTHESIZER 2LVDS 32VFQFN                                                                             |
| Datasheets:         |  8442AKI-90LFT.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

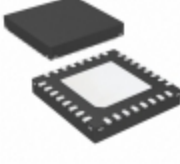
Specifications of 8442AKI-90LFT

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 8442AKI-90LFT                                                                                         |
| MANUFACTURER                     | IDT (Integrated Device Technology)                                                                    |
| DESCRIPTION                      | IC CLK SYNTHESIZER 2LVDS 32VFQFN                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  8442AKI-90LFT.pdf |
| VOLTAGE - SUPPLY                 | 3.135 V ~ 3.465 V                                                                                     |
| TYPE                             | Clock/Frequency Synthesizer, Fanout Distribution, Multiplexer                                         |
| SUPPLIER DEVICE PACKAGE          | 32-VFQFPN (5x5)                                                                                       |
| SERIES                           | -                                                                                                     |
| RATIO - INPUT:OUTPUT             | 2:2                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                  |
| PLL                              | Yes with Bypass                                                                                       |
| OUTPUT                           | LVDS                                                                                                  |
| OTHER NAMES                      | ICS8442AKI-90LFT<br>ICS8442AKI-90LFT-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                            | LVCMOS, LVTTTL, Crystal                                                                               |
| FREQUENCY - MAX                  | 700MHz                                                                                                |
| DIVIDER/MULTIPLIER               | Yes/No                                                                                                |
| DIFFERENTIAL - INPUT:OUTPUT      | No/Yes                                                                                                |
| BASE PART NUMBER                 | ICS8442-90                                                                                            |

Related Tags

|                                                     |                                                  |                                                      |
|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------|
| IDT (Integrated Device Technology) 8442AKI-90LFT    | 8442AKI-90LFT Distributor                        | 8442AKI-90LFT Supplier                               |
| 8442AKI-90LFT Price                                 | 8442AKI-90LFT Pictures                           | 8442AKI-90LFT Image                                  |
| 8442AKI-90LFT PDF Datasheet                         | 8442AKI-90LFT Download Datasheet                 | 8442AKI-90LFT Datasheet                              |
| 8442AKI-90LFT Stock                                 | Buy 8442AKI-90LFT                                | Buy IDT (Integrated Device Technology) 8442AKI-90LFT |
| IDT (Integrated Device Technology) 8442AKI-90LFT    | IDT (Integrated Device Technology) Supplier      | IDT (Integrated Device Technology) Distributor       |
| IDT (Integrated Device Technology) 8442AKI-90LFT    | IDT 8442AKI-90LFT                                | IDT (Integrated Device Technology) 8442AKI-90LFT     |
| IDT, Integrated Device Technology Inc 8442AKI-90LFT | Integrated Device Technology (IDT) 8442AKI-90LFT |                                                      |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>8442B</b><br/>Manufacturers: Keystone Electronics Corp.<br/>Description: HEX STANDOFF #8-32 NYLON 3/8"<br/>In stock: 128 pcs</div> <div>RFQ</div>                   | <div></div> <div><b>8442960000</b><br/>Manufacturers: Weidmuller<br/>Description: RELAY GEN PURPOSE SPDT 6A 24V<br/>In stock: Out stock</div> <div>RFQ</div>                              |
| <div></div> <div><b>8442BYILFT</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>8442BYLF</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>8442BYILF</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SYNTHESIZER DUAL LVDS 32-LQFP<br/>In stock: 334 pcs</div> <div>RFQ</div>    | <div></div> <div><b>8442A</b><br/>Manufacturers: Keystone Electronics Corp.<br/>Description: HEX STANDOFF #8-32 NYLON 1/4"<br/>In stock: Out stock</div> <div>RFQ</div>                   |
| <div></div> <div><b>8442BYLFT</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>8442AKI-90LF</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC CLK SYNTHESIZER 2LVDS 32VFQFN<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>8442AB</b><br/>Manufacturers: APEM Inc.<br/>Description: SWITCH PUSHBUTTON DPDT 6A 125V<br/>In stock: Out stock</div> <div>RFQ</div>                                | <div></div> <div><b>844296-1</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: PLATE EJECTOR<br/>In stock: Out stock</div> <div>RFQ</div>                          |
| <div></div> <div><b>84429N</b><br/>Manufacturers: Apex Tool Group<br/>Description: 3/8"DRIVE 7/8" DEEP IMPACT SOCKE<br/>In stock: Out stock</div> <div>RFQ</div>                        | <div></div> <div><b>8442C</b><br/>Manufacturers: Keystone Electronics<br/>Description: HEX STANDOFF 8-32 NYLON 1/2"<br/>In stock: 478 pcs</div> <div>RFQ</div>                            |