

844008AKI-46LF





Integrated Device Technology

Part Number: 844008AKI-46LF

Manufacturer: IDT (Integrated Device Technology)

Description: IC CLK GEN 8LVDS 32-VFQFPN

Data sheet:  ICS844008I-46

RoHS Status: Lead free / RoHS Compliant

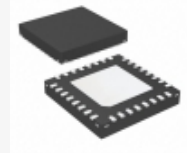
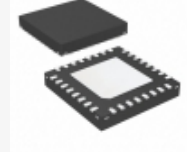
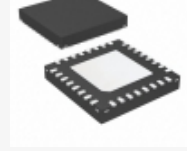
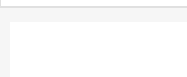
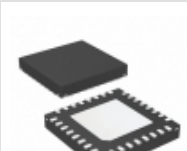
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                      | 844008AKI-46LF                                                            | Manufacturer                   | IDT (Integrated Device Technology) |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC CLK GEN 8LVDS 32-VFQFPN                                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                               | 5447 pcs                                                                  | Data sheet                     | ICS844008I-46                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                         | Integrated Circuits (ICs)                                                 | Voltage - Supply               | 2.375 V ~ 2.625 V                  |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | Clock/Frequency Synthesizer, Fanout Distribution                          | Supplier Device Package        | 32-VFQFPN (5x5)                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                           | FemtoClock®                                                               | Ratio - Input:Output           | 1:8                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tray                                                                      | Package / Case                 | 32-VFQFN Exposed Pad               |
| PLL                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes                                                                       | Output                         | LVDS                               |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                      | 800-2239<br>ICS844008AKI-46LF<br>ICS844008AKI-46LF-ND<br>ICS844008AKI46LF | Operating Temperature          | -40°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                | 156.25MHz                          |
| Divider/Multiplier                                                                                                                                                                                                                                                                                                                                                                                                                               | Yes/No                                                                    | Differential - Input:Output    | No/Yes                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | ICS844008-46                                                              |                                |                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all IDT (Integrated Device Technology) series electronic components. We have 5447 pieces of IDT (Integrated Device Technology) 844008AKI-46LF 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: info@Components-World.com |                                                                           |                                |                                    |

| RELATED PRODUCTS                                                                   |                                                                       |                                                   |     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------|-----|
|  | Part#: 844004BGI-01LF<br>Description: IC SYNTHESIZER 4LVDS 24-TSSOP   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844008BYI-15LFT<br>Description: IC SYNTHESIZER 8LVDS 32-LQFP   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844004AGI-04LF<br>Description: IC SYNTHESIZER 4LVDS 24-TSSOP   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844004AKI-104LFT<br>Description: IC SYNTHESIZER LVDS 32-VFQFPN | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844008BYI-15LF<br>Description: IC SYNTHESIZER 8LVDS 32-LQFP    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844004AGI-04LFT<br>Description: IC SYNTHESIZER 4LVDS 24-TSSOP  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844003BGI-01LFT<br>Description: IC SYNTHESIZER 3LVDS 24-ETSSOP | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844008AKI-46LFT<br>Description: IC CLK GEN 8LVDS 32-VFQFPN     | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844008AY-16LFT<br>Description: IC CLOCK GEN 8LVDS 32PTQFP      | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844008AYI-01LFT<br>Description: IC SYNTHESIZER 8LVDS 32TQFP    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844008AY-16LF<br>Description: IC CLOCK GEN 8LVDS 32PTQFP       | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844004AK-104LFT<br>Description: IC SYNTHESIZER LVDS 32-VFQFPN  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844008AYI-01LF<br>Description: IC SYNTHESIZER 8LVDS 32TQFP     | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844004BGI-01LFT<br>Description: IC SYNTHESIZER 4LVDS 24-TSSOP  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 84400D<br>Description: SKT HEX IMP 3/8DR 5/16                  | Manufacturers: Apex Tool Group                    | RFQ |
|  | Part#: 84401<br>Description: SKT HEX IMP 3/8DR 3/8                    | Manufacturers: Apex Tool Group                    | RFQ |
|  | Part#: 844003EGI-01LF<br>Description: IC SYNTHESIZER 2LVDS 24-TSSOP   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844004AK-104LF<br>Description: IC SYNTHESIZER LVDS 32-VFQFPN   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 844004AKI-104LF<br>Description: IC SYNTHESIZER LVDS 32-VFQFPN  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 84401-1<br>Description: STACK MINI DIN REC ASSY 6/6P           | Manufacturers: TE Connectivity AMP Connectors     | RFQ |

| Related keywords for 844008AKI-46LF                  |                                                   |                          |                                                   |
|------------------------------------------------------|---------------------------------------------------|--------------------------|---------------------------------------------------|
| IDT (Integrated Device Technology) 844008AKI-46LF    | 844008AKI-46LF distributor                        | 844008AKI-46LF supplier  | 844008AKI-46LF price                              |
|                                                      | 844008AKI-46LF download datasheet                 | 844008AKI-46LF datasheet | 844008AKI-46LF stock                              |
| buy 844008AKI-46LF                                   | IDT (Integrated Device Technology) 844008AKI-46LF | IDT 844008AKI-46LF       | IDT (Integrated Device Technology) 844008AKI-46LF |
| IDT, Integrated Device Technology Inc 844008AKI-46LF | Integrated Device Technology (IDT) 844008AKI-46LF |                          |                                                   |