

843001CGI-23LFT



Part Number: 843001CGI-23LFT

Manufacturer: IDT (Integrated Device Technology)

Description: IC CLK GEN FIBRE CH 24TSSOP

Data sheet:  ICS843001I-23

RoHs Status: Lead free / RoHS Compliant

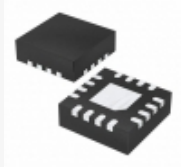
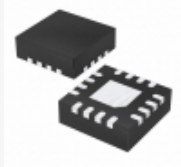
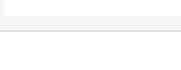
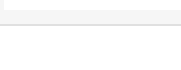
Ship From: Hong Kong

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                             |                                |                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                       | 843001CGI-23LFT                             | Manufacturer                   | IDT (Integrated Device Technology)          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC CLK GEN FIBRE CH 24TSSOP                 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                | 5607 pcs                                    | Data sheet                     | ICS843001I-23                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                          | Integrated Circuits (ICs)                   | Voltage - Supply               | 2.375 V ~ 3.465 V                           |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Frequency Synthesizer                       | Supplier Device Package        | 24-TSSOP-EP                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                            | FemtoClock®                                 | Ratio - Input:Output           | 3:2                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                            | Package / Case                 | 24-TSSOP (0.173", 4.40mm Width) Exposed Pad |
| PLL                                                                                                                                                                                                                                                                                                                                                                                                                                               | Yes                                         | Output                         | LVC MOS, LVPECL, LVTTTL                     |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                       | ICS843001CGI-23LFT<br>ICS843001CGI-23LFT-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                                                                                                                                                                                                                                                                                                                                                                                                                                             | LVC MOS, LVTTTL, Crystal                    | Frequency - Max                | 625MHz                                      |
| Divider/Multiplier                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes/No                                      | Differential - Input:Output    | No/Yes                                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | ICS843001                                   |                                |                                             |
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| RELATED PRODUCTS                                                                   |                                                                        |                                                   |     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------|-----|
|  | Part#: 843001CGILF<br>Description: IC CLK GEN FIBRE CH 8TSSOP          | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843001AKI-40LF<br>Description: IC SYNTHESIZER LVPECL 16-VFQFPN  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843001BGI-23LF<br>Description: IC SYNTHESIZER LVPECL 24-TSSOP   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843001AKI-40LFT<br>Description: IC SYNTHESIZER LVPECL 16-VFQFPN | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843001AGLFT<br>Description: IC CLOCK GENERATOR 8-TSSOP          | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843002AGILF<br>Description: IC SYNTHESIZER LVPECL 20-TSSOP      | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843002AGI-01LF<br>Description: IC SYNTHESIZER LVPECL 20-TSSOP   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843002AGILFT<br>Description: IC SYNTHESIZER LVPECL 20-TSSOP     | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843002AGI-01LFT<br>Description: IC SYNTHESIZER LVPECL 20-TSSOP  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
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|  | Part#: 843001AK-40LFT<br>Description: IC SYNTHESIZER LVPECL 16-VFQFPN  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843002AGLF<br>Description: IC SYNTHESIZER LVPECL 20-TSSOP       | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843001AGLF<br>Description: IC CLK GEN FIBRE LVPECL 8-TSSOP      | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843001BGI-23LFT<br>Description: IC SYNTHESIZER LVPECL 24-TSSOP  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843002AG-01LFT<br>Description: IC SYNTHESIZER LVPECL 20-TSSOP   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843002AG-01LF<br>Description: IC SYNTHESIZER LVPECL 20-TSSOP    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
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|  | Part#: 843001AK-40LF<br>Description: IC SYNTHESIZER LVPECL 16-VFQFPN   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: 843001AGI-22LFT<br>Description: IC SYNTHESIZER LVPECL 24-TSSOP  | Manufacturers: IDT (Integrated Device Technology) | RFQ |

| Related keywords for 843001CGI-23LFT                  |                                                    |                           |                                                    |
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| IDT (Integrated Device Technology) 843001CGI-23LFT    | 843001CGI-23LFT distributor                        | 843001CGI-23LFT supplier  | 843001CGI-23LFT price                              |
|                                                       | 843001CGI-23LFT download datasheet                 | 843001CGI-23LFT datasheet | 843001CGI-23LFT stock                              |
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| IDT, Integrated Device Technology Inc 843001CGI-23LFT | Integrated Device Technology (IDT) 843001CGI-23LFT |                           |                                                    |