

ICS581G-01T





**Part Number:** [ICS581G-01T](#)

**Manufacturer** [IDT \(Integrated Device Technology\)](#)

**Description** IC CLK MUX GLITCH FREE 16-TSSOP

**Data sheet:**  [ICS581-01,02](#)

**RoHs Status:** Contains lead / RoHS non-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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                     |                                |                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ICS581G-01T                                         | Manufacturer                   | <a href="#">IDT (Integrated Device Technology)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC CLK MUX GLITCH FREE 16-TSSOP                     | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4064 pcs                                            | Data sheet                     | <a href="#">ICS581-01,02</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>           | Voltage - Supply               | 3 V ~ 5.5 V                                        |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fanout Distribution, Multiplexer, Zero Delay Buffer | Supplier Device Package        | 16-TSSOP                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ClockBlocks™                                        | Ratio - Input:Output           | 2:4                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                                    | Package / Case                 | 16-TSSOP (0.173", 4.40mm Width)                    |
| PLL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Yes                                                 | Output                         | Clock                                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 581G-01T                                            | Operating Temperature          | 0°C ~ 70°C                                         |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                                   | Mounting Type                  | Surface Mount                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                                       | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                 |
| Input                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Clock                                               | Frequency - Max                | 200MHz                                             |
| Divider/Multiplier                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes/No                                              | Differential - Input:Output    | No/No                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ICS581-01                                           |                                |                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                                   |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">ICS581G-01</a><br>Description: IC CLK MUX GLITCH FREE 16-TSSOP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS580M-01T</a><br>Description: IC CLK MULTPLX 2:2 270MHZ 16SOIC   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS574MIT</a><br>Description: IC CLOCK ZDB 1:4 160MHZ 8SOIC        | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS581G-01I</a><br>Description: IC CLK MUX GLITCH FREE 16-TSSOP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS581G-02ILF</a><br>Description: IC CLK MUX GLITCH FREE 16-TSSOP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS580M-01IT</a><br>Description: IC CLK MULTPLX 2:2 270MHZ 16SOIC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS574MT</a><br>Description: IC CLOCK ZDB 1:4 160MHZ 8SOIC         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS581G-02LF</a><br>Description: IC CLK MUX GLITCH FREE 16-TSSOP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS601G-01</a><br>Description: IC CLOCK MULTIPLIER 16-TSSOP        | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS601G-01I</a><br>Description: IC CLOCK MULTIPLIER 16-TSSOP       | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS581G-02LFT</a><br>Description: IC CLK MUX GLITCH FREE 16-TSSOP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS581G-02T</a><br>Description: IC CLK MUX GLITCH FREE 16-TSSOP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS581G-02ILFT</a><br>Description: IC CLK MUX GLITCH FREE 16-TSSOP | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">ICS581G-01IT</a><br>Description: IC CLK MUX GLITCH FREE 16-TSSOP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS574MI</a><br>Description: IC CLOCK ZDB 1:4 160MHZ 8SOIC         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS581G-02IT</a><br>Description: IC CLK MUX GLITCH FREE 16-TSSOP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS580M-01</a><br>Description: IC CLK MULTPLX 2:2 270MHZ 16SOIC    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ICS581G-02I</a><br>Description: IC CLK MUX GLITCH FREE 16-TSSOP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
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Related keywords for ICS581G-01T

|                                                |                         |                                                |                                                   |
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