

557M-01LFT





**Part Number:** 557M-01LFT

**Manufacturer:** IDT (Integrated Device Technology)

**Description:** IC CLK SOURCE PCI EXPRESS 8-SOIC

**Data sheet:**  [ICS570-01](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 557M-01LFT                                | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC CLK SOURCE PCI EXPRESS 8-SOIC          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 55276 pcs                                 | Data sheet                       | <a href="#">ICS570-01</a>                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 3.135 V ~ 3.465 V                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8-SOIC                                    | Series                           | -                                                  |
| Ratio - Input:Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1:1                                       | Packaging                        | Tape & Reel (TR)                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-SOIC (0.154", 3.90mm Width)             | PLL                              | Yes                                                |
| Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | HCSL, LVDS                                | Other Names                      | 800-2534-2<br>ICS557M-01LFT<br>ICS557M-01LFT-ND    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0°C ~ 70°C                                | Number of Circuits               | 1                                                  |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                      |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12 Weeks                                  | Main Purpose                     | PCI Express (PCIe)                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                | Input                            | Clock, Crystal                                     |
| Frequency - Max                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 100MHz                                    | Differential - Input:Output      | No/Yes                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ICS557-01                                 |                                  |                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                                   |                |
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|  | Part#: <a href="#">557GI-05ALFT</a><br>Description: IC CLK SOURCE QUAD DIFF 20TSSOP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">557G-06LFT</a><br>Description: IC CLK BUFFER 1:4 HCSL 20-TSSOP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">557GI-08LFT</a><br>Description: IC MUX 2:1 PCI EXPRESS 16-TSSOP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">557G-05ALFT</a><br>Description: IC CLK SOURCE QUAD DIFF 20-TSSOP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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| Related keywords for 557M-01LFT               |                        |                                               |                                                  |
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