

IDT74FCT3807DQI8



Part Number: [IDT74FCT3807DQI8](#)

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

Description: IC CLK BUFFER 1:10 166MHZ 20QSOP

Data sheet:  [IDT74FCT3807D,E](#)  
 [IDT Suffixes](#)

RoHs Status: Contains lead / RoHS non-compliant

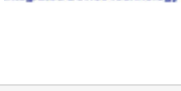
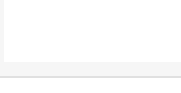
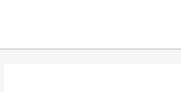
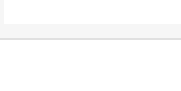
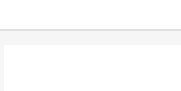
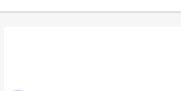
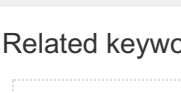
Ship From: Hong Kong

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Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                  |                                  |                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IDT74FCT3807DQI8                                                                 | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a>              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC CLK BUFFER 1:10 166MHZ 20QSOP                                                 | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5368 pcs                                                                         | Data sheet                       | <a href="#">IDT74FCT3807D,E</a><br><a href="#">IDT Suffixes</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                        | Voltage - Supply                 | 3 V ~ 3.6 V                                                     |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Fanout Buffer (Distribution)                                                     | Supplier Device Package          | 20-QSOP                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 74FCT                                                                            | Ratio - Input:Output             | 1:10                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                                                                 | Package / Case                   | 20-SSOP (0.154", 3.90mm Width)                                  |
| Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CMOS, TTL                                                                        | Other Names                      | 74FCT3807DQI8                                                   |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Contains lead / RoHS non-compliant                                               | Input                            | LVTTTL                                                          |
| Frequency - Max                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 166MHz                                                                           | Differential - Input:Output      | No/No                                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Clock Fanout Buffer (Distribution) IC 1:10 166MHz 20-SSOP (0.154", 3.90mm Width) | Base Part Number                 | IDT74FCT3807                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                                   |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">IDT74FCT3807DPYI</a><br>Description: IC CLK BUFFER 1:10 166MHZ 20SSOP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDT74FCT3807ASOI</a><br>Description: IC CLK BUFFER 1:10 100MHZ 20SOIC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">IDT74FCT3807DPGI8</a><br>Description: IC CLK BUF 1:10 166MHZ 20TSSOP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">IDT74FCT3807PYI</a><br>Description: IC CLK BUFFER 1:10 100MHZ 20SSOP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDT74FCT3807ASO</a><br>Description: IC CLK BUFFER 1:10 100MHZ 20SOIC   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDT74FCT3807DPGI</a><br>Description: IC CLK BUF 1:10 166MHZ 20TSSOP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDT74FCT3807EPGI8</a><br>Description: IC CLK BUF 1:10 166MHZ 20TSSOP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDT74FCT3807ASO8</a><br>Description: IC CLK BUFFER 1:10 100MHZ 20SOIC  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDT74FCT3807EPYI8</a><br>Description: IC CLK BUFFER 1:10 166MHZ 20SSOP | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">IDT74FCT3807EPYI</a><br>Description: IC CLK BUFFER 1:10 166MHZ 20SSOP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">IDT74FCT3807DPYI8</a><br>Description: IC CLK BUFFER 1:10 166MHZ 20SSOP | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |

|                                       |                                    |                                     |                            |
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| Related keywords for IDT74FCT3807DQI8 |                                    |                                     |                            |
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| IDT, Integrated Device Technology Inc | Integrated Device Technology (IDT) |                                     |                            |
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