

LT1017CS8#PBF





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Part Number: [LT1017CS8#PBF](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC COMPARATOR MICRPWR DUAL 8SOIC

Data sheet:  [LT1017, LT1018 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

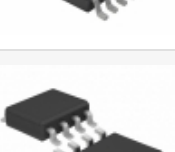
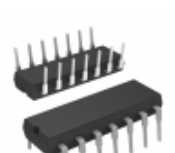
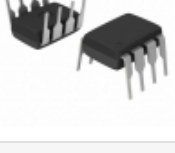
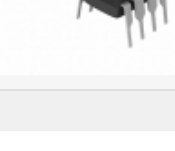
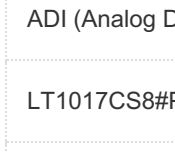
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                   |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LT1017CS8#PBF                             | Manufacturer                      | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC COMPARATOR MICRPWR DUAL 8SOIC          | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 36475 pcs                                 | Data sheet                        | <a href="#">LT1017, LT1018 Datasheet</a>   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single/Dual (±) | 1.1 V ~ 40 V, ±0.55 V ~ 20 V               |
| Voltage - Input Offset (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1mV @ ±20V                                | Type                              | General Purpose                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-SOIC                                    | Series                            | -                                          |
| Propagation Delay (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 22µs                                      | Packaging                         | Tube                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-SOIC (0.154", 3.90mm Width)             | Output Type                       | Pull Up                                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LT1017CS8PBF                              | Operating Temperature             | 0°C ~ 70°C                                 |
| Number of Elements                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                         | Mounting Type                     | Surface Mount                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 (Unlimited)                             | Manufacturer Standard Lead Time   | 12 Weeks                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                | Hysteresis                        | -                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Comparator General Purpose Pull Up 8-SOIC | Current - Quiescent (Max)         | 60µA                                       |
| Current - Output (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 65mA @ 4.5V                               | Current - Input Bias (Max)        | 0.015µA @ ±20V                             |
| CMRR, PSRR (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 115dB CMRR, 110dB PSRR                    | Base Part Number                  | LT1017                                     |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                           |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT1016CS8#PBF</a><br>Description: IC COMPARATOR 10NS HI-SPD 8-SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1017CN8#PBF</a><br>Description: IC COMPARATOR MICROPWR DUAL 8DIP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1017IN8#PBF</a><br>Description: IC COMPARATOR MICROPWR DUAL 8DIP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1018CS8#TRPBF</a><br>Description: IC COMPARATOR MICRPWR DUAL 8SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1018CS8#PBF</a><br>Description: IC COMPARATOR MICRPWR DUAL 8SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1016IN8#PBF</a><br>Description: IC COMPARATOR 10NS HI-SPEED 8DIP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1017CSW#TRPBF</a><br>Description: IC COMPARATOR MCRPWR DUAL 16SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1017CSW#PBF</a><br>Description: IC COMPARATOR MCRPWR DUAL 16SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1014ISW#PBF</a><br>Description: IC OPAMP GP 16SO                   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1017IS8#PBF</a><br>Description: IC COMPARATOR MICRPWR DUAL 8SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1017CS8#TRPBF</a><br>Description: IC COMPARATOR MICRPWR DUAL 8SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1016IS8#PBF</a><br>Description: IC COMPARATOR 10NS HI-SPD 8-SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1014IN#PBF</a><br>Description: IC OPAMP GP 14DIP                   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1016CS8#TRPBF</a><br>Description: IC COMPARATOR 10NS HI-SPD 8-SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1014ISW#TRPBF</a><br>Description: IC OPAMP GP 16SO                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1018CSW#PBF</a><br>Description: IC COMPARATOR MCRPWR DUAL 16SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LT1016CN8#PBF</a><br>Description: IC COMPARATOR 10NS HI-SPEED 8DIP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

| Related keywords for LT1017CS8#PBF       |                           |                                          |                                   |
|------------------------------------------|---------------------------|------------------------------------------|-----------------------------------|
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| Analog Devices, Inc. LT1017CS8#PBF       |                           |                                          |                                   |

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