

LT1018CN8#PBF



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**Part Number:** [LT1018CN8#PBF](#)

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

**Description:** IC COMPARATOR MICROPWR DUAL 8DIP

**Data sheet:**  [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)  
 [LT1017, LT1018 Datasheet](#)

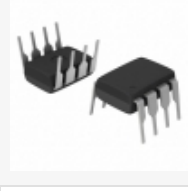
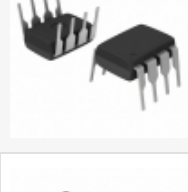
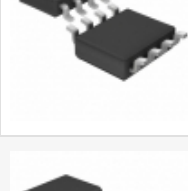
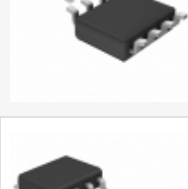
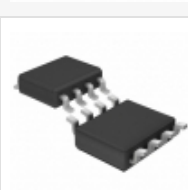
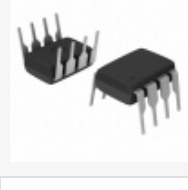
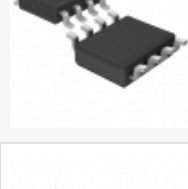
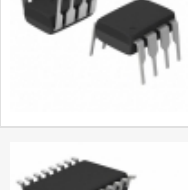
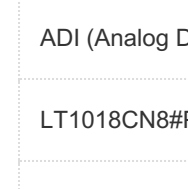
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                   |                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LT1018CN8#PBF                             | Manufacturer                      | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC COMPARATOR MICROPWR DUAL 8DIP          | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 42523 pcs                                 | Data sheet                        | <a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started Guide</a><br><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-PDIP                                    | Series                            | -                                                                                                                                                                   |
| Propagation Delay (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6µs                                       | Packaging                         | Tube                                                                                                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-DIP (0.300", 7.62mm)                    | Output Type                       | Pull Up                                                                                                                                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LT1018CN8PBF                              | Operating Temperature             | 0°C ~ 70°C                                                                                                                                                          |
| Number of Elements                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2                                         | Mounting Type                     | Through Hole                                                                                                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 (Unlimited)                             | Manufacturer Standard Lead Time   | 8 Weeks                                                                                                                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                | Hysteresis                        | -                                                                                                                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Comparator General Purpose Pull Up 8-PDIP | Current - Quiescent (Max)         | 250µA                                                                                                                                                               |
| Current - Output (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 70mA @ 4.5V                               | Current - Input Bias (Max)        | 0.075µA @ ±20V                                                                                                                                                      |
| CMRR, PSRR (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 115dB CMRR, 110dB PSRR                    | Base Part Number                  | LT1018                                                                                                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 42523 pieces of ADI (Analog Devices, Inc.) LT1018CN8#PBF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                   |                                                                                                                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | 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="#">LT1019ACN8-2.5#PBF</a><br>Description: IC VREF SERIES/SHUNT 2.5V 8DIP | 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> |
|  | Part#: <a href="#">LT1019ACN8-4.5#PBF</a><br>Description: IC VREF SERIES/SHUNT 4.5V 8DIP | 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="#">LT1018CS8#TRPBF</a><br>Description: IC COMPARATOR MICRPWR DUAL 8SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | 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="#">LT1019ACN8-10#PBF</a><br>Description: IC VREF SERIES/SHUNT 10V 8DIP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1018IS8#PBF</a><br>Description: IC COMPARATOR MICRPWR DUAL 8SOIC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1017IS8#TRPBF</a><br>Description: IC COMPARATOR MICRPWR DUAL 8SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LT1019ACN8-5#PBF</a><br>Description: IC VREF SERIES/SHUNT 5V 8DIP     | 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="#">LT1016IS8#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="#">LT1017IN8#PBF</a><br>Description: IC COMPARATOR MICROPWR DUAL 8DIP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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| Related keywords for LT1018CN8#PBF       |                           |                                          |                                   |
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| ADI (Analog Devices, Inc.) LT1018CN8#PBF | LT1018CN8#PBF distributor | LT1018CN8#PBF supplier                   | LT1018CN8#PBF price               |
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| Analog Devices, Inc. LT1018CN8#PBF       |                           |                                          |                                   |