

EL8300IU



A Renesas Company

Part Number: [EL8300IU](#)

Manufacturer: [Intersil](#)

Description: IC OPAMP VFB 100MHZ RRO 16QSOP

Data sheet:  [EL8300](#)

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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                   |                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------|-----------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | EL8300IU                                  | Manufacturer                      | <a href="#">Intersil</a>                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | IC OPAMP VFB 100MHZ RRO 16QSOP            | Lead Free Status / RoHS Status    | Contains lead / RoHS non-compliant                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 4675 pcs                                  | Data sheet                        | <a href="#">EL8300</a>                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single/Dual (±) | 3 V ~ 5 V, ±1.5 V ~ 2.5 V                                 |
| Voltage - Input Offset                                                                                                                                                                                                                                                                                                                                                                                                                | 800µV                                     | Supplier Device Package           | 16-QSOP                                                   |
| Slew Rate                                                                                                                                                                                                                                                                                                                                                                                                                             | 200 V/µs                                  | Series                            | -                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                             | Tube                                      | Package / Case                    | 16-SSOP (0.154", 3.90mm Width)                            |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                           | Rail-to-Rail                              | Operating Temperature             | -40°C ~ 85°C                                              |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                    | 3                                         | Mounting Type                     | Surface Mount                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                             | Lead Free Status / RoHS Status    | Contains lead / RoHS non-compliant                        |
| Gain Bandwidth Product                                                                                                                                                                                                                                                                                                                                                                                                                | 100MHz                                    | Detailed Description              | Voltage Feedback Amplifier 3 Circuit Rail-to-Rail 16-QSOP |
| Current - Supply                                                                                                                                                                                                                                                                                                                                                                                                                      | 2mA                                       | Current - Output / Channel        | 65mA                                                      |
| Current - Input Bias                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.4µA                                     | Base Part Number                  | EL8300                                                    |
| Amplifier Type                                                                                                                                                                                                                                                                                                                                                                                                                        | Voltage Feedback                          | -3db Bandwidth                    | 200MHz                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 4675 pieces of Intersil EL8300IU 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="#">EL8300IU-T13</a><br>Description: IC OPAMP VFB 100MHZ RRO 16QSOP    | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">EL8300IS-T7</a><br>Description: IC OPAMP VFB 100MHZ RRO 16SOIC     | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">EL8300IS-T13</a><br>Description: IC OPAMP VFB 100MHZ RRO 16SOIC    | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">EL8302IS-T13</a><br>Description: IC OPAMP VFB 200MHZ RRO 16SOIC    | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">EL8300ISZ-T7</a><br>Description: IC OPAMP VFB 100MHZ RRO 16SOIC    | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">EL827S1(TA)-V</a><br>Description: OPTOISOLATOR 5KV 2CH TRANS 8-SMD | Manufacturers: <a href="#">Everlight Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EL8302IS-T7</a><br>Description: IC OPAMP VFB 200MHZ RRO 16SOIC     | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">EL827S1(TB)-V</a><br>Description: OPTOISOLATOR 5KV 2CH TRANS 8-SMD | Manufacturers: <a href="#">Everlight Electronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EL8300ISZ</a><br>Description: IC OPAMP VFB 100MHZ RRO 16SOIC       | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">EL8300IU-T7</a><br>Description: IC OPAMP VFB 100MHZ RRO 16QSOP     | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">EL8300ISZ-T13</a><br>Description: IC OPAMP VFB 100MHZ RRO 16SOIC   | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">EL8300IUZ-T7</a><br>Description: IC OPAMP VFB 100MHZ RRO 16QSOP    | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">EL8300IS</a><br>Description: IC OPAMP VFB 100MHZ RRO 16SOIC        | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">EL8302IS</a><br>Description: IC OPAMP VFB 200MHZ RRO 16SOIC        | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">EL8300IUZ-T13</a><br>Description: IC OPAMP VFB 100MHZ RRO 16QSOP   | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
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|  | Part#: <a href="#">EL8302ISZ</a><br>Description: IC OPAMP VFB 200MHZ RRO 16SOIC       | Manufacturers: <a href="#">Intersil</a>              | <div>RFQ</div> |
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Related keywords for EL8300IU

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| EL8300IU download datasheet | EL8300IU datasheet   | EL8300IU stock    | buy EL8300IU   |
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