



Intersil

A Renesas Company



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EL8171ISZ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EL8171ISZ                                                                                                    |
| Manufacturer/Brand: | Intersil                                                                                                     |
| Product description | IC OPAMP INSTR 450KHZ RRO 8SOIC                                                                              |
| Datasheets:         |  EL8171ISZ.pdf              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6841 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of EL8171ISZ

|                                   |                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                       | EL8171ISZ                                                                                         |
| MANUFACTURER                      | Intersil                                                                                          |
| DESCRIPTION                       | IC OPAMP INSTR 450KHZ RRO 8SOIC                                                                   |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE                | 6841 pcs                                                                                          |
| DATA SHEET                        |  EL8171ISZ.pdf |
| VOLTAGE - SUPPLY, SINGLE/DUAL (±) | 2.4 V ~ 5.5 V                                                                                     |
| VOLTAGE - INPUT OFFSET            | 470µV                                                                                             |
| SUPPLIER DEVICE PACKAGE           | 8-SOIC                                                                                            |
| SLEW RATE                         | 0.55 V/µs                                                                                         |
| SERIES                            | -                                                                                                 |
| PACKAGING                         | Tube                                                                                              |
| PACKAGE / CASE                    | 8-SOIC (0.154", 3.90mm Width)                                                                     |
| OUTPUT TYPE                       | Rail-to-Rail                                                                                      |
| OPERATING TEMPERATURE             | -40°C ~ 125°C                                                                                     |
| NUMBER OF CIRCUITS                | 1                                                                                                 |
| MOUNTING TYPE                     | Surface Mount                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 3 (168 Hours)                                                                                     |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                        |
| DETAILED DESCRIPTION              | Instrumentation Amplifier 1 Circuit Rail-to-Rail 8-SOIC                                           |
| CURRENT - SUPPLY                  | 65µA                                                                                              |
| CURRENT - OUTPUT / CHANNEL        | 32mA                                                                                              |
| CURRENT - INPUT BIAS              | 10pA                                                                                              |
| BASE PART NUMBER                  | EL8171                                                                                            |
| AMPLIFIER TYPE                    | Instrumentation                                                                                   |
| -3DB BANDWIDTH                    | 450kHz                                                                                            |

Related Tags

|                         |                              |                        |
|-------------------------|------------------------------|------------------------|
| Intersil EL8171ISZ      | EL8171ISZ Distributor        | EL8171ISZ Supplier     |
| EL8171ISZ Price         | EL8171ISZ Pictures           | EL8171ISZ Image        |
| EL8171ISZ PDF Datasheet | EL8171ISZ Download Datasheet | EL8171ISZ Datasheet    |
| EL8171ISZ Stock         | Buy EL8171ISZ                | Buy Intersil EL8171ISZ |
| Intersil EL8171ISZ      | Intersil Supplier            | Intersil Distributor   |
| Intersil EL8171ISZ      |                              |                        |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>EL8172FSZ</div><div>Manufacturers: Intersil</div><div>Description: IC OPAMP INSTR 170KHZ RRO 8SOIC</div><div>In stock: 29278 pcs</div><div>RFQ</div></div>    | <div><div>EL8171IS-T13</div><div>Manufacturers: Intersil</div><div>Description: IC OPAMP INSTR 450KHZ RRO 8SOIC</div><div>In stock: 5018 pcs</div><div>RFQ</div></div>   |
| <div><div>EL8171ISZ-T13</div><div>Manufacturers: Intersil</div><div>Description: IC OPAMP INSTR 450KHZ RRO 8SOIC</div><div>In stock: 2780 pcs</div><div>RFQ</div></div> | <div><div>EL8171IS</div><div>Manufacturers: Intersil</div><div>Description: IC OPAMP INSTR 450KHZ RRO 8SOIC</div><div>In stock: 5379 pcs</div><div>RFQ</div></div>       |
| <div><div>EL8171IS-T7</div><div>Manufacturers: Intersil</div><div>Description: IC OPAMP INSTR 450KHZ RRO 8SOIC</div><div>In stock: 3252 pcs</div><div>RFQ</div></div>   | <div><div>EL8172FSZ-T7A</div><div>Manufacturers: Intersil</div><div>Description: IC OPAMP INSTR 170KHZ RRO 8SOIC</div><div>In stock: 43038 pcs</div><div>RFQ</div></div> |
| <div><div>EL8170ISZ</div><div>Manufacturers: Intersil</div><div>Description: IC OPAMP INSTR 192KHZ RRO 8SOIC</div><div>In stock: 7007 pcs</div><div>RFQ</div></div>     | <div><div>EL8170ISZ-T13</div><div>Manufacturers: Intersil</div><div>Description: IC OPAMP INSTR 192KHZ RRO 8SOIC</div><div>In stock: 5564 pcs</div><div>RFQ</div></div>  |
| <div><div>EL8171S1(TU)-G</div><div>Manufacturers: Everlight Electronics</div><div>Description: OPTOISOLTR</div><div>In stock: 885273 pcs</div><div>RFQ</div></div>      | <div><div>EL8171ISZ-T7</div><div>Manufacturers: Intersil</div><div>Description: IC OPAMP INSTR 450KHZ RRO 8SOIC</div><div>In stock: 4846 pcs</div><div>RFQ</div></div>   |
| <div><div>EL8170ISZ-T7</div><div>Manufacturers: Intersil</div><div>Description: IC OPAMP INSTR 192KHZ RRO 8SOIC</div><div>In stock: 5406 pcs</div><div>RFQ</div></div>  | <div><div>EL8172FSZ-T7</div><div>Manufacturers: Intersil</div><div>Description: IC OPAMP INSTR 170KHZ RRO 8SOIC</div><div>In stock: 60573 pcs</div><div>RFQ</div></div>  |