

EL7457CUZ



A Renesas Company

Part Number: [EL7457CUZ](#)

Manufacturer [Intersil](#)

Description IC DVR CMOS QUAD 40MHZ 16-QSOP

Data sheet:  [EL7457](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                 |                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | EL7457CUZ                                 | Manufacturer                    | <a href="#">Intersil</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                             | IC DVR CMOS QUAD 40MHZ 16-QSOP            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                      | 33976 pcs                                 | Data sheet                      | <a href="#">EL7457</a>                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 4.5 V ~ 18 V                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                 | 16-QSOP                                   | Series                          | -                                                          |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                  | 13.5ns, 13ns                              | Packaging                       | Tube                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                          | 16-SSOP (0.154", 3.90mm Width)            | Operating Temperature           | -40°C ~ 85°C (TA)                                          |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                       | 4                                         | Mounting Type                   | Surface Mount                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                        | 2 (1 Year)                                | Manufacturer Standard Lead Time | 10 Weeks                                                   |
| Logic Voltage - VIL, VIH                                                                                                                                                                                                                                                                                                                                                                                                                | 0.8V, 2V                                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                 |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                              | Non-Inverting                             | Gate Type                       | N-Channel, P-Channel MOSFET                                |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                                    | High-Side or Low-Side                     | Detailed Description            | High-Side or Low-Side Gate Driver IC Non-Inverting 16-QSOP |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                    | 2A, 2A                                    | Channel Type                    | Independent                                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                        | EL7457                                    |                                 |                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                         |                |
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|  | Part#: <a href="#">EL7457CSZ-T7A</a><br>Description: IC DVR CMOS 40MHZ QUAD 16SOIC   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EL7512CY</a><br>Description: IC REG CTRLR BOOST 10MSOP            | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EL7512CYZ</a><br>Description: IC REG CTRLR BOOST 10MSOP           | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EL7457CUZ-T7A</a><br>Description: IC DVR CMOS 40MHZ QUAD 16QSOP   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EL7457CSZ-T7</a><br>Description: IC DRIVER QUAD HS NON-INV 16SOIC | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EL7457CU-T7</a><br>Description: IC DRIVER QUAD 40MHZ HS 16-QSOP   | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EL7457CSZ-T13</a><br>Description: IC DRIVER QUAD 40MHZ HS 16-SOIC | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EL7457CU</a><br>Description: IC DVR CMOS QUAD 40MHZ 16-QSOP       | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">EL7457CS-T13</a><br>Description: IC DRIVER QUAD 40MHZ HS 16-SOIC  | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EL7457CUZ-T7</a><br>Description: IC DRIVER QUAD HS NON-INV 16QSOP | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EL7457CUZ-T13</a><br>Description: IC DRIVER QUAD 40MHZ HS 16-QSOP | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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