

DS32EL0124SQE/NOPB



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Part Number: [DS32EL0124SQE/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC DESERIAL W/DDR LVDS 48WQFN](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

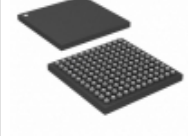
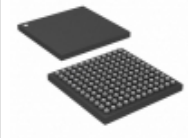
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | DS32EL0124SQE/NOPB                        | Manufacturer                    | N/A                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC DESERIAL W/DDR LVDS 48WQFN             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 14905 pcs                                 | Data sheet                      |                                                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 2.5V, 3.3V                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                        | 48-WQFN (7x7)                             | Series                          | Automotive, AEC-Q100                                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                      | Tape & Reel (TR)                          | Package / Case                  | 48-WFQFN Exposed Pad                                                               |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                    | LVDS                                      | Other Names                     | DS32EL0124SQE/NOPBTR<br>DS32EL0124SQENOPB<br>DS32EL0124SQETR<br>DS32EL0124SQETR-ND |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)                         | Number of Outputs               | 5                                                                                  |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                               | 1                                         | Mounting Type                   | Surface Mount                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                               | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 16 Weeks                                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                | Input Type                      | CML                                                                                |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                       | Deserializer                              | Detailed Description            | 3.125Gbps Deserializer 1 Input 5 Output 48-WQFN (7x7)                              |
| Data Rate                                                                                                                                                                                                                                                                                                                                                                                                                      | 3.125Gbps                                 | Base Part Number                | DS32EL0124                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                                             |                                                 |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">DS32C35-33#T&amp;R</a><br>Description: <a href="#">IC RTC CLK/CALENDAR I2C 20-SOIC</a>   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS32C35-33IND#</a><br>Description: <a href="#">IC RTC CLK/CALENDAR I2C 20-SOIC</a>       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS32ELX0421SQE/NOPB</a><br>Description: <a href="#">IC SERIALIZR DDR LVDS PAR 48WQFN</a> | Manufacturers: <a href="#">N/A</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS32ELX0124SQ/NOPB</a><br>Description: <a href="#">IC DESERIAL W/DDR LVDS 48WQFN</a>     | Manufacturers: <a href="#">N/A</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS32B35-33IND#</a><br>Description: <a href="#">IC RTC CLK/CALENDAR I2C 20-SOIC</a>       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">DS32EL0124SQX/NOPB</a><br>Description: <a href="#">IC DESERIAL W/DDR LVDS 48WQFN</a>     | Manufacturers: <a href="#">N/A</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS32EL0421SQ/NOPB</a><br>Description: <a href="#">IC SERIALIZER 312.5GBPS 48WQFN</a>     | Manufacturers: <a href="#">N/A</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS3254N+</a><br>Description: <a href="#">IC LIU DS3/E3/STS-1 144-CSBGA</a>               | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS32B35-33#</a><br>Description: <a href="#">IC RTC CLK/CALENDAR I2C 20-SOIC</a>          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS3254DK</a><br>Description: <a href="#">KIT DEMO FOR DS3254</a>                         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS32ELX0421SQ/NOPB</a><br>Description: <a href="#">IC SERIALIZER 312.5GBPS 48WQFN</a>    | Manufacturers: <a href="#">N/A</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS32ELX0421SQX/NOPB</a><br>Description: <a href="#">IC SERIALIZER 312.5GBPS 48WQFN</a>   | Manufacturers: <a href="#">N/A</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS32EL0124SQ/NOPB</a><br>Description: <a href="#">IC DESERIAL W/DDR LVDS 48WQFN</a>      | Manufacturers: <a href="#">N/A</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS3254N</a><br>Description: <a href="#">IC LIU DS3/E3/STS-1 144CSBGA</a>                 | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS32ELX0124SQX/NOPB</a><br>Description: <a href="#">IC DESERIAL W/DDR LVDS 48WQFN</a>    | Manufacturers: <a href="#">N/A</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS3254N#</a><br>Description: <a href="#">IC LIU DS3/E3/STS-1 144-CSBGA</a>               | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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Related keywords for DS32EL0124SQE/NOPB

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