

74ALVTH16374ZQLR



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Part Number: [74ALVTH16374ZQLR](#)

Manufacturer: [N/A](#)

Description: [IC FF D-TYPE DUAL 8BIT 56BGA](#)

Data sheet:

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

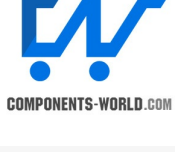
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                  |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | 74ALVTH16374ZQLR                          | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC FF D-TYPE DUAL 8BIT 56BGA              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 100408 pcs                                | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 2.3 V ~ 2.7 V, 3 V ~ 3.6 V |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                          | D-Type                                    | Trigger Type                     | Positive Edge              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | 74ALVTH                                   | Packaging                        | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 56-VFBGA                                  | Output Type                      | Tri-State, Non-Inverted    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                   | 296-37314-2<br>74ALVTH16374ZQLR-ND        | Operating Temperature            | -40°C ~ 85°C (TA)          |
| Number of Elements                                                                                                                                                                                                                                                                                                                                                                                                            | 2                                         | Number of Bits per Element       | 8                          |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                 | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)              |
| Max Propagation Delay @ V, Max CL                                                                                                                                                                                                                                                                                                                                                                                             | 3.2ns @ 3.3V, 50pF                        | Manufacturer Standard Lead Time  | 20 Weeks                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                | Input Capacitance                | 3.5pF                      |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                      | Standard                                  | Current - Quiescent (Iq)         | 100µA                      |
| Current - Output High, Low                                                                                                                                                                                                                                                                                                                                                                                                    | 8mA, 24mA; 32mA, 64mA                     | Clock Frequency                  | 250MHz                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | 74ALVTH16374                              |                                  |                            |
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| RELATED PRODUCTS                                                                   |                                                                                                           |                                    |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">74ALVTH162827LRG4</a><br>Description: <a href="#">IC BUFFER NON-INVERT 3.6V 56SSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH32373ZKER</a><br>Description: <a href="#">IC D-TYPE LATCH DL 3-ST 96LFBGA</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH16245ZQLR</a><br>Description: <a href="#">IC TXRX NON-INVERT 3.6V 56BGA</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH16244ZQLR</a><br>Description: <a href="#">IC BUFFER NON-INVERT 3.6V 56BGA</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTHR16245ZQLR</a><br>Description: <a href="#">IC TXRX NON-INVERT 3.6V 56BGA</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH16245GRE4</a><br>Description: <a href="#">IC TXRX NON-INVERT 3.6V 48TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74AUC1G125DBVRE4</a><br>Description: <a href="#">IC BUFF NON-INVERT 2.7 V SOT23-5</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74AUC1G125DCKRE4</a><br>Description: <a href="#">IC BUF NON-INVERT 2.7 V SC70-5</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTHR16245GRG4</a><br>Description: <a href="#">IC TXRX NON-INVERT 3.6V 48TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH32244ZKER</a><br>Description: <a href="#">IC BUFFER NON-INVERT 3.6V 96PBGA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH16373GRG4</a><br>Description: <a href="#">IC D-TYPE LATCH DL 3-ST 48TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74AUC1G125DBVRG4</a><br>Description: <a href="#">IC BUFF NON-INVERT 2.7 V SOT23-5</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH16245VRG4</a><br>Description: <a href="#">IC TXRX NON-INVERT 3.6V 48TVSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH16373VRE4</a><br>Description: <a href="#">IC D-TYPE LATCH DL 3-ST 48TVSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH16373VRG4</a><br>Description: <a href="#">IC D-TYPE LATCH DL 3-ST 48TVSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH16373ZQLR</a><br>Description: <a href="#">IC D-TYPE LATCH DL 3-ST 56BGA</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74AUC16374DGGRG4</a><br>Description: <a href="#">IC FF D-TYPE DUAL 8BIT 48TSSOP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH16601DLG4</a><br>Description: <a href="#">IC UNIV BUS TXRX 18BIT 56SSOP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH16373GRE4</a><br>Description: <a href="#">IC D-TYPE LATCH DL 3-ST 48TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74ALVTH32374ZKER</a><br>Description: <a href="#">IC FF D-TYPE QUAD 8BIT 96BGA</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

|                                              |                              |                           |                        |
|----------------------------------------------|------------------------------|---------------------------|------------------------|
| Related keywords for <b>74ALVTH16374ZQLR</b> |                              |                           |                        |
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