

## 74LVCH16244AEV,151 NXP Semiconductors Product Details



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**Part Number:** [74LVCH16244AEV,151](#)

**Worldway Part:** 74LVCH16244AEV,151-286534

**Category:** [Buffers & Line Drivers](#)

**Manufacturer:** [NXP Semiconductors](#)

**Applications:**  [Communications equipment](#)  [Enterprise systems](#)  
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**Description:** 74LVC16244A; 74LVCH16244A - 16-bit buffer/line driver;  
5 V input/output tolerant; 3-state

**RoHS:**  **Lead free / RoHS Compliant**

**Stock Category:** In stock

**Stock Resource:** Franchised Distributor

**Warranty:** 1 Year Worldway Guarantee » [Learn More](#)

**EDA/CAD Models:** [74LVCH16244AEV,151](#) PCB Footprint and Symbol

**Delivery:**     

**Payment:**     

## 74LVCH16244AEV,151(NXP Semiconductors) Description

Additional information about the 74LVCH16244AEV,151: The 74LVCH16244A; 74LVCH16244A are 16-bit non-inverting buffer/line drivers with 3-state bus compatible outputs. The device can be used as four 4-bit buffers, two 8-bit buffers or one 16-bit buffer. It features four output enable inputs, (1OE to 4OE) each controlling four of the 3-state outputs. A HIGH on nOE causes the outputs to assume a high-impedance OFF-state. Inputs can be driven from either 3.3 V or 5 V devices. When disabled, up to 5.5 V can be applied to the outputs. These features allow the use of these devices in mixed 3.3 V and 5 V applications. The 74LVCH16244A bus hold on data inputs eliminates the need for external pull-up resistors to hold unused inputs.

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