



Anloy Technologies

Quad High Speed
Differential Line Driver

AT26LS31

Die Manufacturers Available	Device Pin Outs	
<ul style="list-style-type: none"> » AMD » National Semiconductor 	<div style="display: flex; justify-content: space-between;"> <div data-bbox="841 457 1166 735"> </div> <div data-bbox="1247 525 1494 630"> <p>Ceramic LCC E Suffix</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div data-bbox="841 793 1193 1039"> </div> <div data-bbox="1247 871 1396 976"> <p>TO-99 2 Suffix</p> </div> </div>	
Product Features		
<ul style="list-style-type: none"> » Operating Temperature range of +125°C to -55°C » Output Skew - 2.0 ns typical » Input to Output Delay - 12 ns » Operation from single +5V supply » Outputs won't load line when VCC = 0V » Output short-circuit protection » Complementary Outputs » Meets the requirements of EIA standard RS-422 » High Output Drive Capability for 100Ω terminated transmission lines » Advanced low-power Schottky processing 		
General Description		
<p>The AT26LS31 is a quad-differential line driver, designed for digital data transmission over balanced lines. The AT26LS31 meets all the requirements of EIA standard RS422. It is designed to provide unipolar differential drive to twisted pair or parallel wire transmission lines. The circuit provides an enable and disable function common to all four drivers. The AT26LS31 features 3-state output and logical OR-ed complementary enable inputs. The inputs are all LS compatible and are one unit load. The AT26LS31 is constructed using advanced low power Schottky processing. For further electrical specifications please contact Anloy Technologies or reference the original die manufacturers datasheet.</p>		