

Non-Inverting 3-State Buffer

NL17SV125

The NL17SV125 is a single non-inverting 3-State buffer in tiny footprint packages. The device is designed to operate for $V_{CC} = 0.9\text{ V}$ to 3.6 V .

Features

- Designed for 0.9 V to 3.6 V V_{CC} Operation
- 1.6 ns t_{PD} at 3.3 V (Typ)
- Inputs/Outputs Over-Voltage Tolerant up to 3.6 V
- I_{OFF} Supports Partial Power Down Protection
- Source/Sink 24 mA at 3.3 V
- Available in SOT-353, SOT-553, SOT-953, SC-74A and UDFN Packages
- NLV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q100 Qualified and PPAP Capable
- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHS Compliant

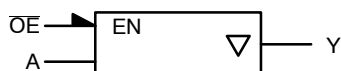


Figure 1. Logic Symbol

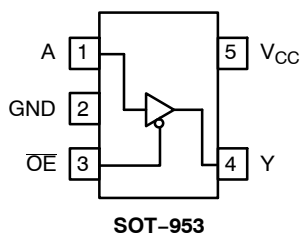
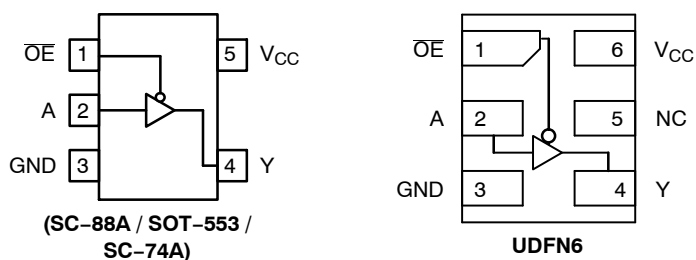


Figure 2. Pinout (Top View)



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		MARKING DIAGRAMS
	SC-74A CASE 318BQ	
	SC-88A (SC-70-5/SOT-353) CASE 419A-02	
	SOT-553, 5 LEAD CASE 463B	
	SOT-953 CASE 527AE	
	UDFN6, 1.45x1.0, 0.5P CASE 517AQ	
	UDFN6, 1x1, 0.35P CASE 517BX	

X, XX = Specific Device Code
M = Date Code*
▪ = Pb-Free Package

(Note: Microdot may be in either location)

*This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G" or microdot "▪", may or may not be present.

ORDERING INFORMATION

See detailed ordering, marking and shipping information in the package dimensions section on page 7 of this data sheet.