



Product Overview

NLX1G332: 3-Input OR Gate

For complete documentation, see the data sheet

Product Description

The NLX1G332 is an advanced high-speed 3-input CMOS OR Gate in ultra-small footprint. The NLX1G332 input structures provide protection when voltage up to 7.0 v are applied regardless of the supply voltage.

Features

- High Speed: $t_{PD} = 2.4 \text{ ns (Typ)}$ @ $V_{CC} = 5.0 \text{ V}$
- Designed for 1.65 V to 5.5 V V_{CC} Operation
- Low Power Dissipation: $I_{CC} = 1 \text{ A (Max)}$ at $T_A = 25^\circ\text{C}$
- 24 mA Balanced Output Source and Sink Capability
- Balanced Propagation Delays
- Overvoltage Tolerant (OVT) Input Pins
- UltraSmall Packages
- These are PbFree Devices
- I/O Interface

Applications

- cell phone

Part Electrical Specifications

Product	Compliance	Status	Type	Channels	V_{CC} Min (V)	V_{CC} Max (V)	t_{pd} Max (ns)	I_o Max (mA)	Package Type
NLX1G332AMUTCG	Pb-free Halide free	Active	OR	1	1.65	5.5	8	24	UDFN-6
NLX1G332CMUTCG	Pb-free Halide free	Active	OR	1	1.65	5.5	8	24	UDFN-6

For more information please contact your local sales support at www.onsemi.com

Created on: 7/11/2015