



Product Overview

NLX2G16: Dual Buffer

For complete documentation, see the data sheet

Product Description

The NLX2G16 MiniGate™ is an advanced high speed CMOS dual noninverting buffer in ultra small footprint. The NLX2G16 input and output structures provide protection when voltages up to 7.0 V are applied, regardless of the supply voltage.

Features

- $t_{PD} = 1.8 \text{ ns (Typ)} @ V^{CC} = 5.0 \text{ V}$
- Wide Voltage Range
- Low Power Dissipation
- PCB Board savings

Benefits

- High Speed
- Designed for 1.65 V to 5.5 V V^{CC} Operation
- $I^{CC} = 1 \mu\text{A (Max)}$ at $T^A = 25^\circ\text{C}$
- Ultra Small Packages

Applications

- Portables
- Automotive
- General Purpose

End Products

- Cell Phones
- PDA
- GPS
- Infotainment

Part Electrical Specifications

Product	Compliance	Status	Channels	Output	V_{CC} Min (V)	V_{CC} Max (V)	t_{pd} Max (ns)	I_O Max (mA)	Package Type
NLX2G16AMUTCG	Pb-free Halide free	Active	2	CMOS	1.65	5.5	1.8	24	UDFN-6
NLX2G16CMUTCG	Pb-free Halide free	Active	2	CMOS	1.65	5.5	1.8	24	UDFN-6

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

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