



# Product Overview

## NLX2G04: Dual Inverter

For complete documentation, see the data sheet

### Product Description

The NLX2G04 MiniGate is an advanced high-speed CMOS dual inverter in ultra-small footprint.  
The NLX2G04 input and output structures provide protection when voltages up to 7.0 V are applied, regardless of the supply voltage.

### Features

- High Speed:  $t_{PD} = 1.8\text{ ns (Typ) @ }V_{CC} = 5.0\text{ V}$
- Low Power Dissipation:  $ICC = 1\text{ A (Max) at }T_A = 25^{\circ}\text{C}$
- Power Down Protection Provided on inputs
- Balanced Propagation Delays
- Overvoltage Tolerant (OVT) Input and Output Pins

### Part Electrical Specifications

Product	Compliance	Status	Type	Channels	V <sub>CC</sub> Min (V)	V <sub>CC</sub> Max (V)	t <sub>pd</sub> Max (ns)	I <sub>O</sub> Max (mA)	Package Type
NLX2G04AMUTCG	Pb-free	Active	Inverter	2	1.65	5.5	1.8	24	UDFN-6
	Halide free								
NLX2G04BMX1TCG	Pb-free	Active	Inverter	2	1.65	5.5	1.8	24	ULLGA-6
	Halide free								

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