

## Product Overview

### NL17SG34: Single Buffer

For complete documentation, see the data sheet.

The NL17SG34 MiniGate is an advanced highspeed CMOS Buffer in ultrasmall footprint. The NL17SG34 input structures provides protection when voltages up to 4.6 V are applied.

### Features

- Wide Operating VCC Range: 0.9 V to 3.6 V
- High Speed:  $t_{PD} = 2.5$  ns (Typ) at  $V_{CC} = 3.0$  V,  $CL = 15$  pF
- Low Power Dissipation:  $I_{CC} = 0.5$   $\mu$ A (Max) at  $T_A = 25$  C
- 4.6 V Overvoltage Tolerant (OVT) Input Pins
- UltraSmall Packages
- These are PbFree and HalideFree Devices

### 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
NL17SG34AMUTCG	AEC Qualified Pb-free Halide free	Active	1	CMOS	0.9	3.6	3.7	8	UDFN-6
NL17SG34DFT2G	Pb-free Halide free	Active	1	CMOS	0.9	3.6	3.7	8	SC-88A / SC-70-5
NL17SG34P5T5G	Pb-free Halide free	Active	1	CMOS	0.9	3.6	3.7	8	SOT-953
NLV17SG34AMUTCG	Pb-free Halide free	Active	1	CMOS	0.9	3.6	3.7	8	UDFN-6

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

Created on: 1/16/2019