

# 74LCX11

## Triple 3-Input AND Gate with 5V Tolerant Inputs

### General Description

The 74LCX11 is a triple 3-input AND gate with buffered outputs. LCX devices are designed for low voltage (3.3V) operation with the added capability of interfacing to a 5V signal environment.

The 74LCX11 is fabricated with advanced CMOS technology to achieve high speed operation while maintaining CMOS low power dissipation.

### Features

- 5V tolerant inputs
- Power down high impedance inputs and outputs
- 2.0V–3.6V  $V_{CC}$  supply operation
- $\pm 24$  mA output drive
- Implements patented Quiet Series™ noise/EMI reduction circuitry
- Functionally compatible with 74 series 11
- Latch-up performance exceeds 500 mA
- ESD performance:
  - Human body model > 2000V
  - Machine model > 200V

### Connection and Logic Diagrams

