

# Little Logic Products by Performance

## Signal Switches

### CBT (Bus switch)

- Operating range: 4-V to 5.5-V  $V_{CC}$
- 0.25-ns typical  $t_{pd}$

SN74CBT1G125    SN74CBT1G384  
SN74CBTD1G125    SN74CBTD1G384

### CBTLV (low-voltage bus switch)

- Operating range: 2.3-V to 3.6-V  $V_{CC}$
- 0.25-ns typical  $t_{pd}$

SN74CBTLV1G125

### CB3T (low-voltage translation bus switch)

- Operating range: 2.3-V to 3.6-V  $V_{CC}$
- 0.25-ns typical  $t_{pd}$

SN74CB3T1G125

### LVC (low-voltage CMOS)

- Operating range: 1.65-V to 5.5-V  $V_{CC}$
- 3.0-ns typical  $t_{pd}$

SN74LVC1G66    SN74LVC2G53  
SN74LVC1G3157    SN74LVC2G66

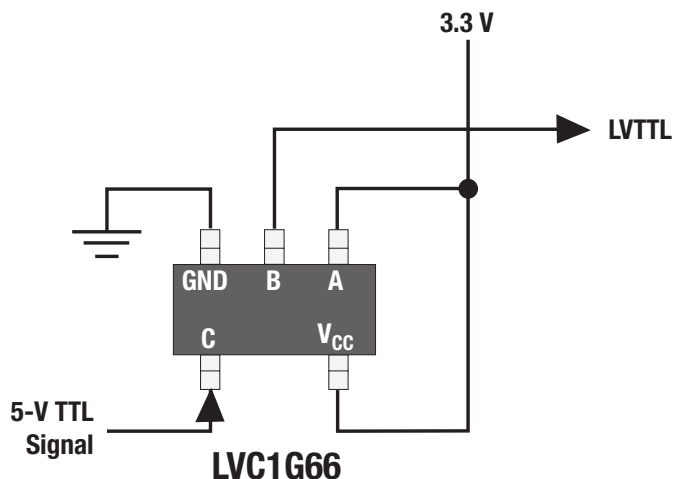
### AUC (advanced ultra-low-voltage CMOS)

- Operating range: 0.8-V to 2.7-V  $V_{CC}$
- 2.0-ns typical  $t_{pd}$

SN74AUC1G66    SN74AUC2G66  
SN74AUC2G53

### LVC1G66 TTL-to-LVTTL level shifter

The LVC1G66 can be used for simple translation from 5-V TTL levels to LVTTL. The control pin is tolerant to 5.5 V and, with a maximum  $r_{ON}$  of 15  $\Omega$  at  $V_{CC} = 3.3$  V, the voltage drop across the switch is only 0.36 V with 24 mA of through current.



Visit [www.ti.com/signalswitches](http://www.ti.com/signalswitches) for the application report, "Selecting the Right TI Signal Switch."