

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

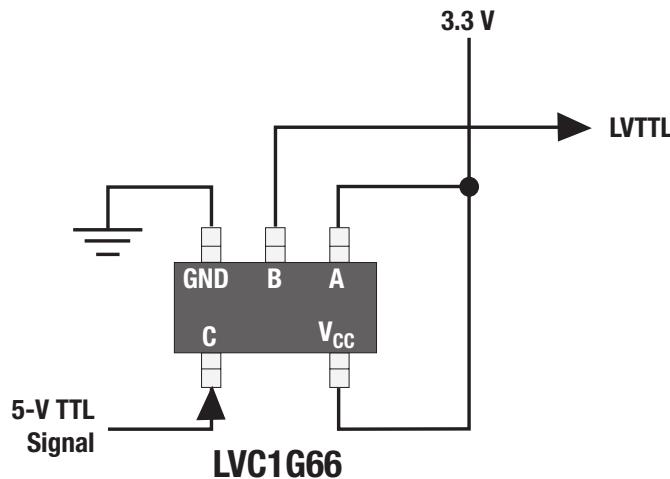
AUC (advanced ultra-low-voltage CMOS)

- 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 Ω 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 for the application report, "Selecting the Right TI Signal Switch."