Low-Ohmic Single-Pole Single-Throw Analog Switch

NX3V1G66

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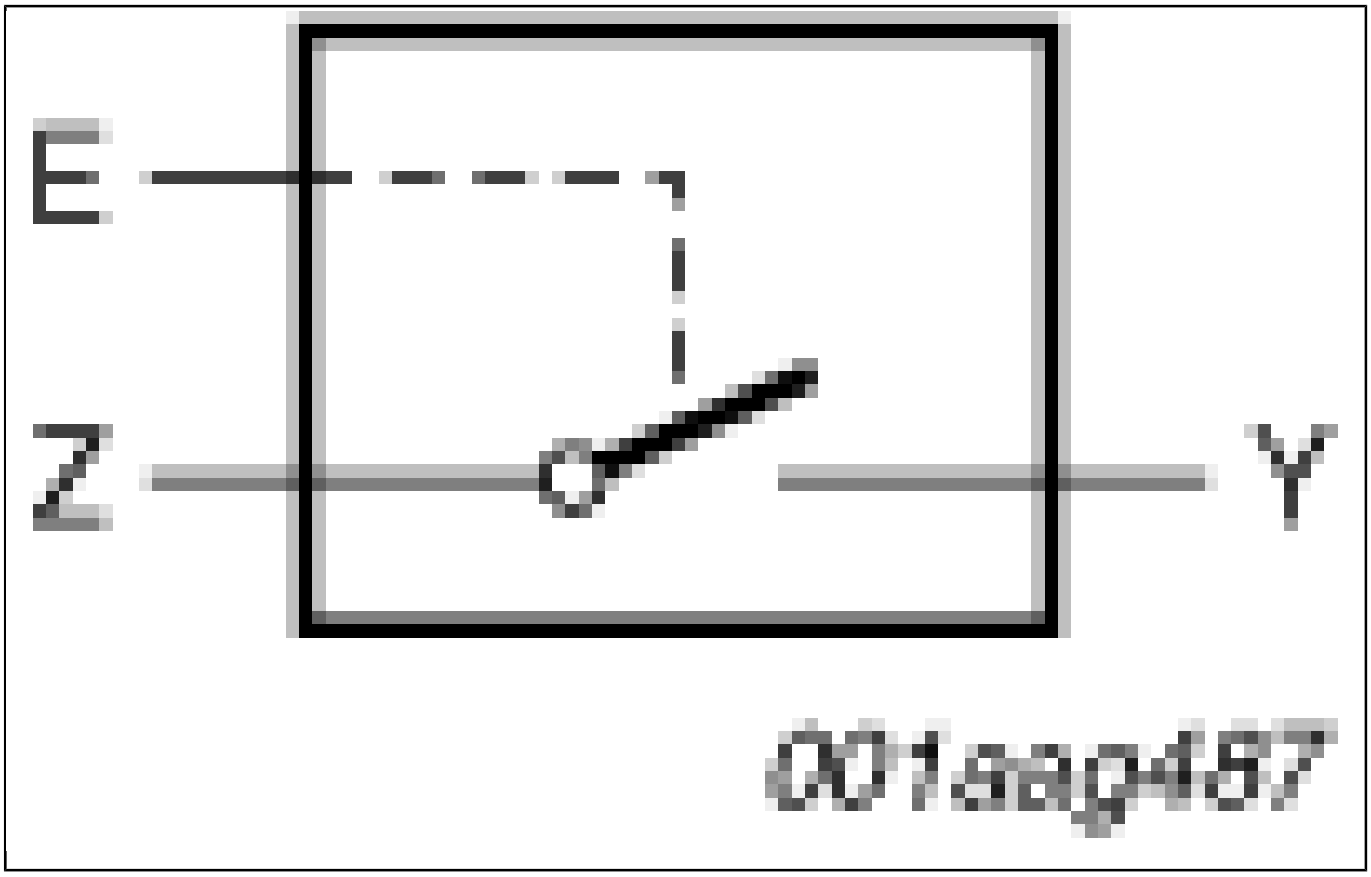
The NX3V1G66 provides one single–pole single–throw analog switch function. It has two input/output terminals (Y and Z) and an active HIGH enable input pin (E). When pin E is LOW, the analog switch is turned off.

Schmitt trigger action at the enable input (E) makes the circuit tolerant to slower input rise and fall times across the entire VCC range from 1.4 V to 4.3 V.

The NX3V1G66 allows signals with amplitude up to VCC to be transmitted from Y to Z or from Z to Y. Its ultra–low ON resistance (0.3 Ω) and flatness (0.1 Ω) ensures minimal attenuation and distortion of transmitted signals.

Block diagram: NX3L1T66GM, NX3V1G66GM, NX3V1G66GW, NX3V1T66GM, NX3V1T66GW Block Diagram



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Note: The information on this document is subject to change without notice.