



# Low-Ohmic Single-Pole Single-Throw Analog Switch

## NX3L1G66

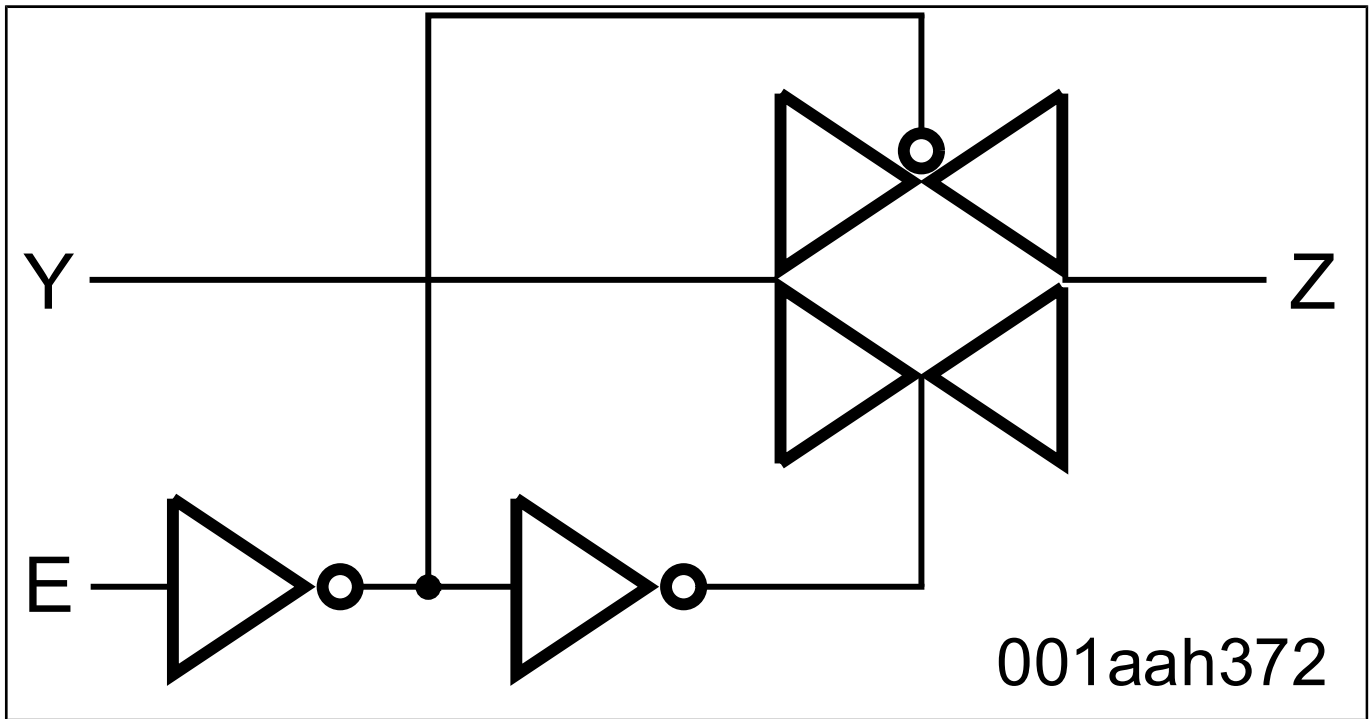
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The NX3L1G66 provides one single pole single-throw analog switch function. It has two input/output terminals (Y and Z) and an active HIGH enable input pin (E). When E is LOW, the analog switch is turned off.

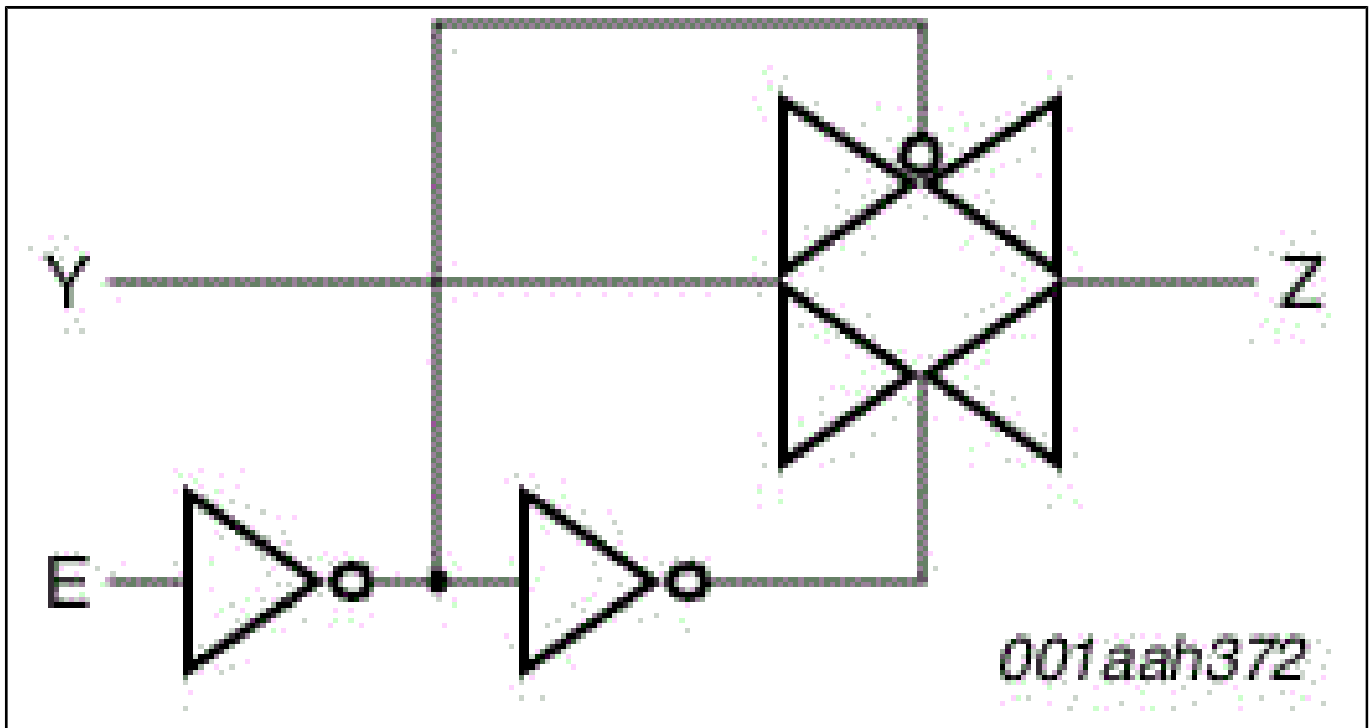
Schmitt trigger action at the enable input (E) makes the circuit tolerant to slower input rise and fall times across the entire VCC range from 1.4 V to 4.3 V.

The NX3L1G66 allows signals with amplitude up to VCC to be transmitted from Y to Z; or from Z to Y. Its low ON resistance (0.5  $\Omega$ ) and flatness (0.13  $\Omega$ ) ensures minimal attenuation and distortion of transmitted signals.

NX3L1G66/Q100 Block Diagram Block Diagram



NX3L2G66; logic diagram Block Diagram



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

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