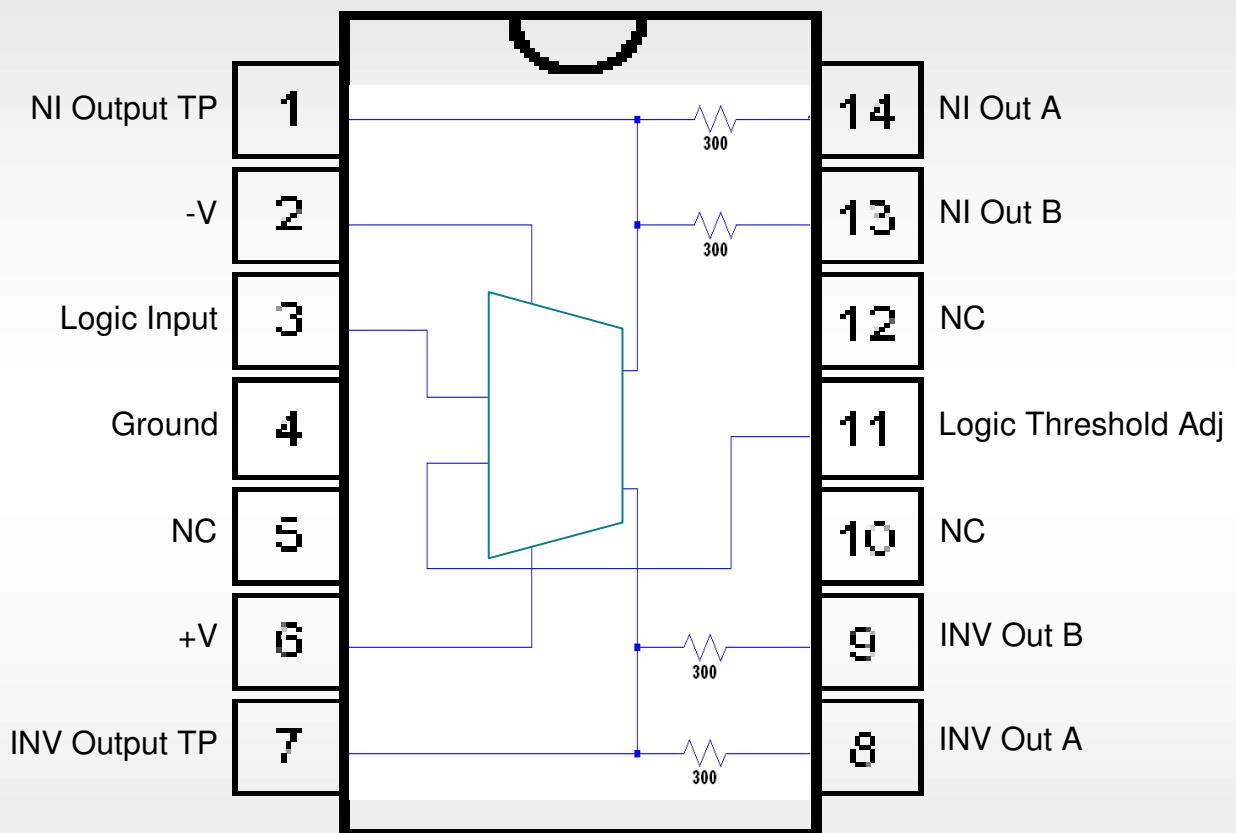


Radiation tolerant, latchup-free

K8

SP2T PIN Switch Driver with logic threshold adjustment pin and multiple output options



Unit provides two complementary outputs, and each output has a low-impedance output (no internal current limiting) which swings nearly from rail to rail, as well as two resistively limited outputs.

When operated without any connection to Logic Threshold Adjust, unit provides a TTL Threshold of $\frac{1}{2} V_{+}$. Impedance at this pin is approximately 1.5K. Raise or lower this threshold with an external resistor to allow unit to switch at LSTTL, 2.5V, 3.3V, or any other single-line logic family with thresholds that can be achieved in this way. With proper external resistive arrangements, Logic Adj Threshold can be used as the inverting input for some families of balanced logic, as well. Switching speed is 20 to 40 nsec, depending on external connections and logic family used.