



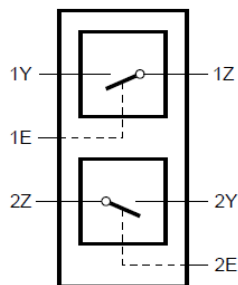
## NXP's 74LVCV2G66 Demonstration board

**Demonstrate the fast switching of over supply voltage data signals with dual single-pole single-throw analog switch**

Use this compact demonstration board to evaluate 74LVCV2G66, a dual SPST analog switch with high frequency bandwidth and over supply voltage tolerant control and data inputs.

### Key Features and Benefits

- ▶ Wide supply voltage range (2.3V to 5.5V) and low  $R_{on}$  (7.5 Ohms typical) for design flexibility
- ▶ High bandwidth of up to 210MHz for data rich applications
- ▶ Over supply voltage tolerance up to 5.5V for switch inputs
- ▶ High speed with lower typical propagation delay of 0.4ns
- ▶ Ability to monitor input and output rise/fall times and propagation delays with different loads (capacitors and resistors)
- ▶ Over supply voltage tolerance up to 5.5V for enable inputs
- ▶ Low ON state capacitance of 16pF (typical) for better signal integrity
- ▶ Available in very small leadless packages for PCB space saving
- ▶ Fully specified (-40C to 85C and -40C to 125C) for use in harsh conditions



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