



## SP483E: FAQ

**Sipex Part: SP483E**

**Date: Mar16-07**

### **Question:**

I'd like to protect both the A and B pins from voltage spikes a little better on the SP483. Is it OK to wire a TVS from both (a total of 2 TVS's) the A and B pins to ground on my circuit board? The TVS I will using is a SMBJ6.0CA.

### **Answer:**

This is a common practice and very effective.

Note:

The TVS capacitance must not load the line excessively (data rate limiting).

The TVS absolute minimum voltage must be greater than the maximum bus voltage.

If the bus is loaded enough the 6V TVS should be OK.