



## SPX3940: FAQ

**Part Number:** SPX3940

**Date:** Oct3-06

### **Question:**

What are the VinMin values for the SPX3940?

### **Answer:**

The minimum Input voltage for all LDO's is  $V_{out} + V_{dropout}$  to ensure regulation. However, this product offers a 1.8V fixed output and the dropout voltage rating does not apply to these kinds of fixed outputs. For the 1.8V fixed parts the minimum input voltage is  $V_{out} + 1V$  as stated in test conditions ---- which is 2.8V minimum.