



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.