



SP7652: FAQ

Part Number: SP7652

Date: Aug28-06

Question:

We are currently investigating EMI emissions from our SP7652 power circuit. In particular, are the Vin and LX nodes the raw connections to the internal MOSFETs, or are there inductive elements on these nodes that would preclude the addition of EMI-suppression components across the MOSFET?

Answer:

Vin and LX nodes are directly connected to internal MOSFETs. Monitor the LX node. If there is excessive ringing then it might be causing the problem. Try an RC snubber across the bottom FET, say 2.2nF in series with 2- to 3 Ohms.