Current Probe Insertion --- Correct Location

node to the output capacitor. This particular "stretch of land" is not critical. topology --- is in series with the inductor. Note that this is the length from the switching The correct location to introduce a current probe (or current sense resistor), for any

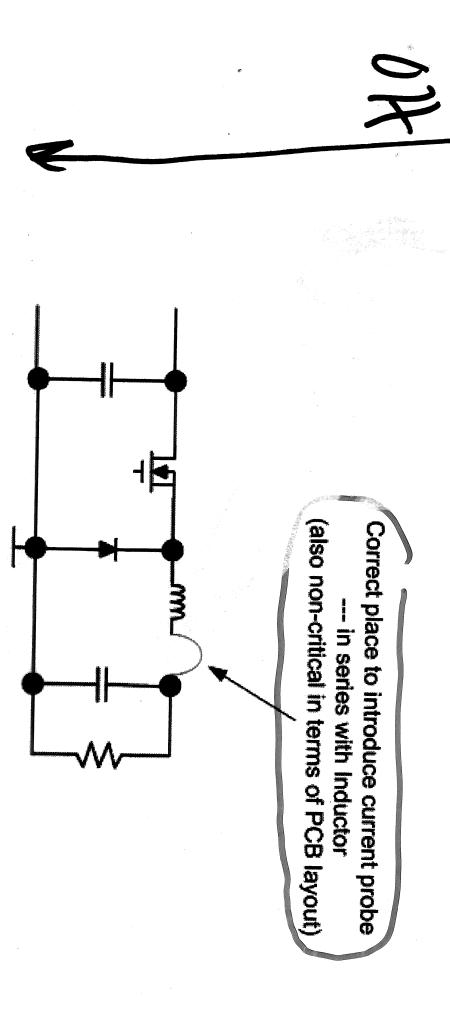
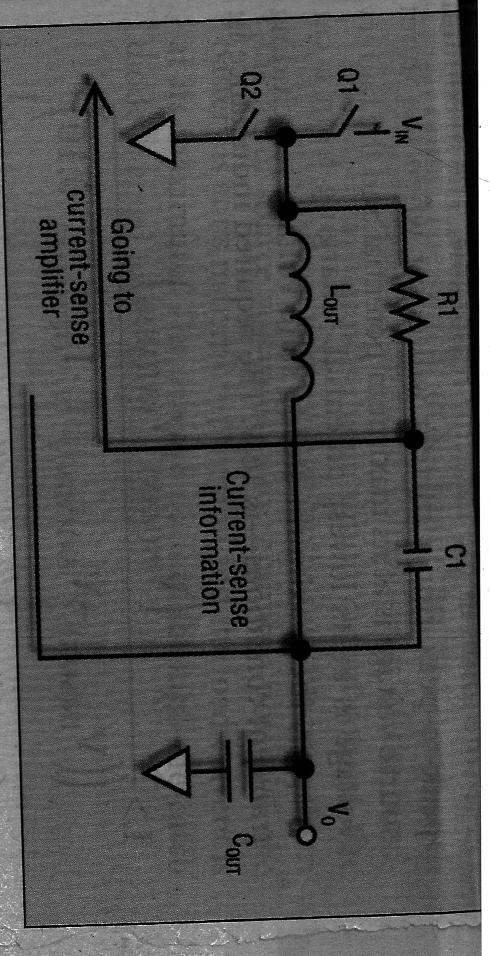


Fig. 1. Simplified schematic of a buck converter. 82 1 1 could be FE 12 Vdc 40 CB R3 0.06

TO SA Laptop SOR
Desktop 100 Server 100 R 150 A TA RES



sensing information is across C1. power losses and increases the efficiency of the regulator. Voltage-Fig. 2. Replacing R_{SENSE} with an inductor for current sensing reduces