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General layout guidelines for printed circuit boards (PCB), which exist in relatively obscure documents, are summarized. Some guidelines apply specifically to microcontrollers; however, the guidelines are intended to be general, and apply to virtually a ll modern CMOS integrated circuits.

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The prototype test analyzes the real-world behavior of a PCB and compares it to design specifications to benchmark these results. From a high-level perspective this stage requires a test engineer to take design specs from the designer and evaluate the PCB performance (thereby commenting on the success of the design).

Best Practices in Printed Circuit Board Design - National ...

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