PCB MANUFACTURING
PROCESS OPTIMIZATION CHECKLIST

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**PLANNING STAGE**
- [ ] Verify that your CM is able to meet the quality control (QC) that your design requires.
- [ ] Verify that your CM is able to accommodate any special requirements, like board material or testing.

**SOURCING STAGE**
- [ ] Verify that the components you select are available to your CM and validate your supply chain needs.

**SCHEMATIC STAGE**
- [ ] Ensure that your design includes additions for any design for testing (DFT) that you need the CM to perform.

**LAYOUT STAGE**
- [ ] Use DRC that is based on your CM’s DFM guidelines and advice.
- [ ] Ensure that your BOM accurately matches your component footprints.
- [ ] Perform thermal analysis for manufacturing during design.

**MANUFACTURING STAGE**
- [ ] Provide your CM with an accurate and complete manufacturing package in the appropriate format, including fabrication and assembly drawings.

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**SUCCESS!**
If you can check off all of the items in the list above, you have made a significant contribution towards optimizing the PCB manufacturing process for your boards.

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