

EEC134 PCB Review Report Template

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- Names of the review team members
- Names of the design team members
- Has the design team provided a bill of materials?
- Has the design team made sure that they will have all the parts needed before the PCB comes back? Please check every part in the circuit.
- Has the design team provided datasheets, if available, to all the parts?
- Are all the polarized capacitors, if there are any, placed correctly?
- For all active parts, have the power and ground connections been properly placed?
- For all parts, does the circuit schematic follow suggestions from the datasheet? If not, what changes have been made and why?
- For all parts, does the PCB layout follow suggestions from the datasheet? If not, what changes have been made and why?
- Are the input and output (including power and signal) of the circuit properly arranged? Will there be difficulties in physically connecting to the input and output?
- Has the width of the PCB traces supplying current to active components been properly sized?
- Have test points been included in critical positions in the circuit?
- Does the layout agree with the schematic? Please check every connection.
- Are all layers of the PCB board properly poured with copper? Are the poured copper all connected to ground? If not, why?

- Have the output files, such as gerber files, been prepared?