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USB signal line trace:

1. Keep traces of USB bus D+ and D- the same length.
2. Achieve 90 ohm differential characteristic impedance.
3. Achieve 45 ohm common characteristic impedance.
4. Maintain parallelism between D+ and D-.
5. Do not route USB2.0 D+ and D- over the power plane split.
6. Do not route USB2.0 D+ and D- over the high frequency signals.
7. It is preferred to route USB2.0 D+ and D- over ground layer.
8. It is preferred to route USB2.0 D+ and D- using single layer.
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