

**Zynq Mini-ITX Development Board**

Avnet Engineering Services

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# Zynq Mini-ITX Development Board

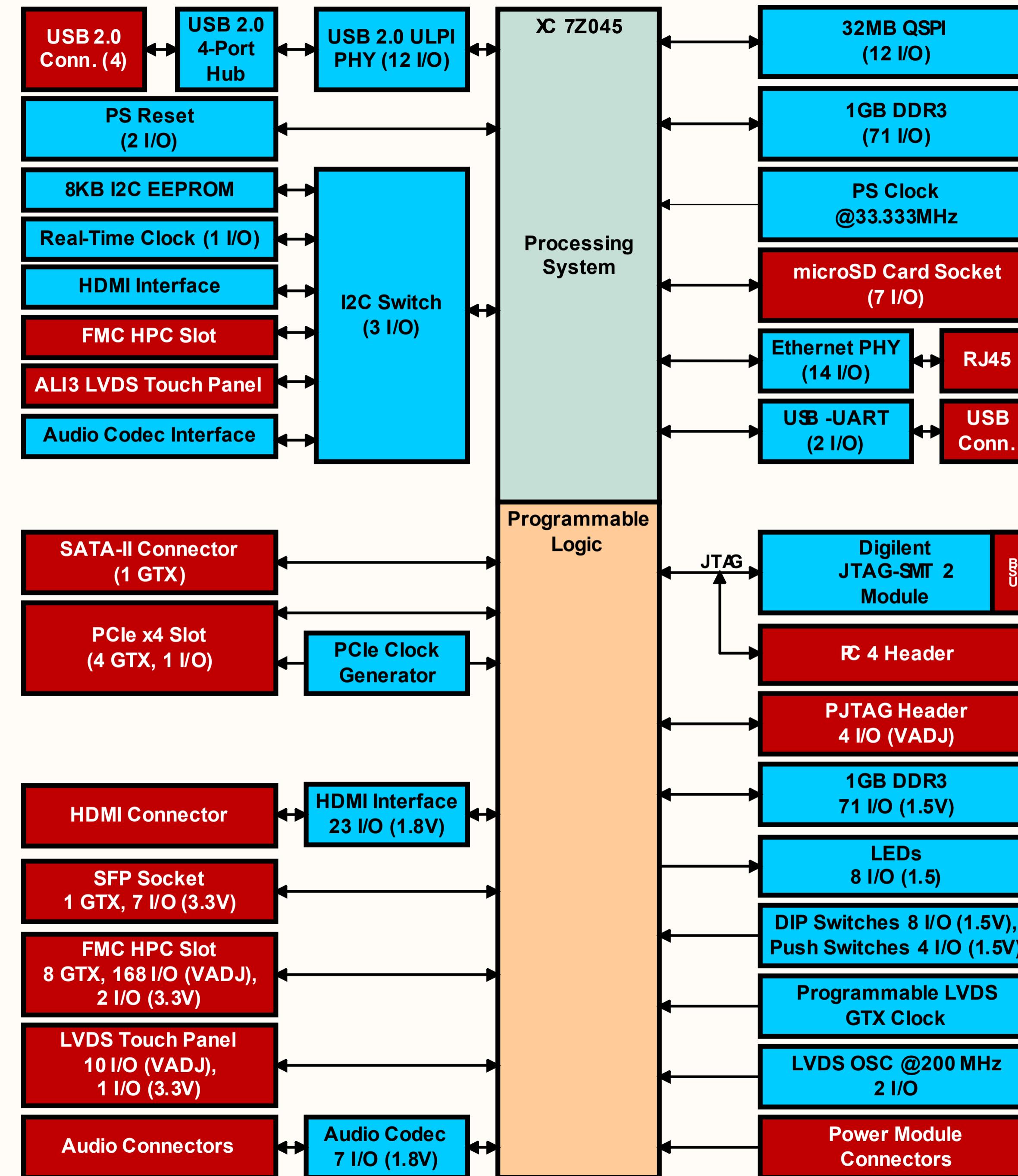
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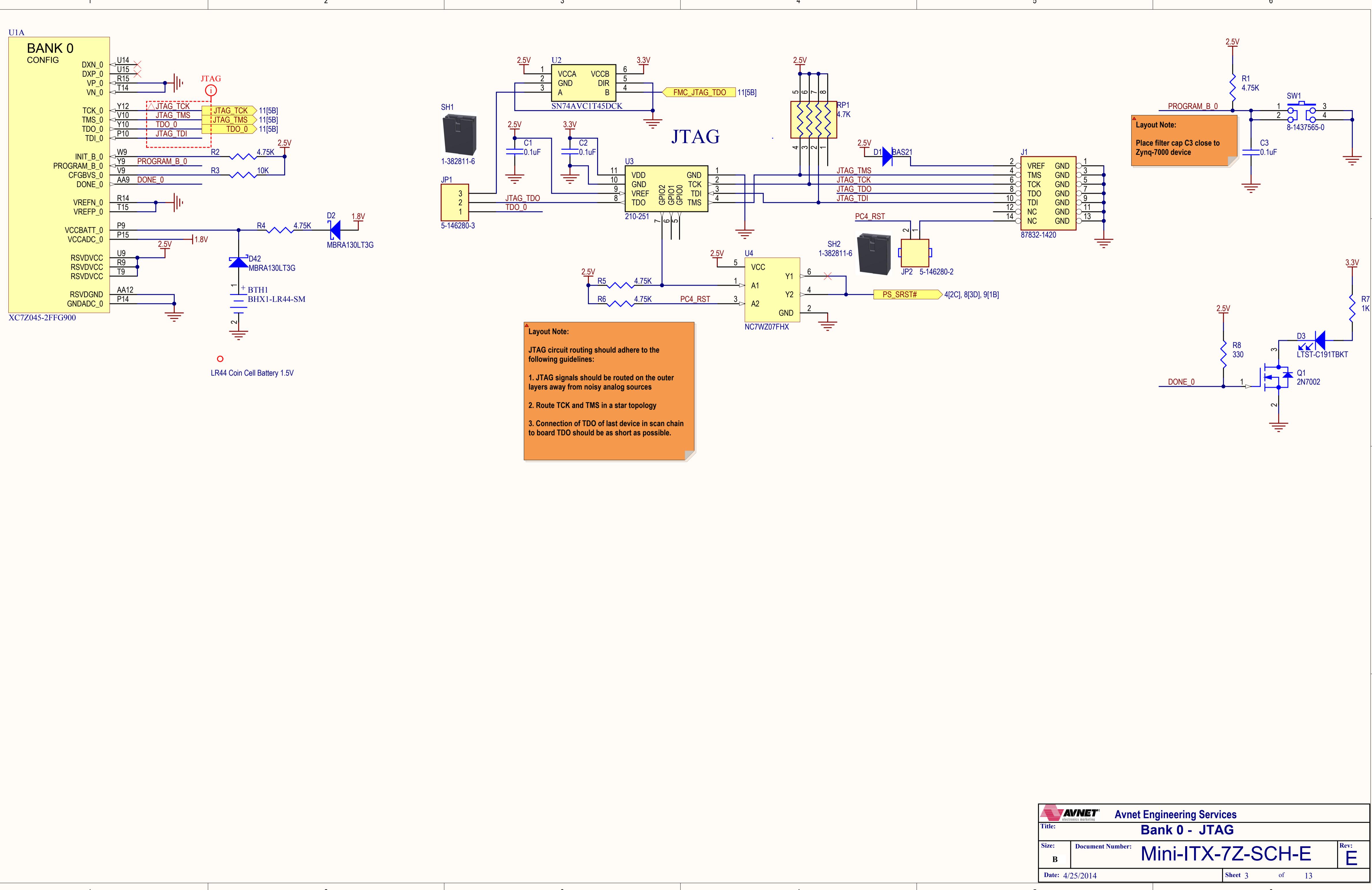
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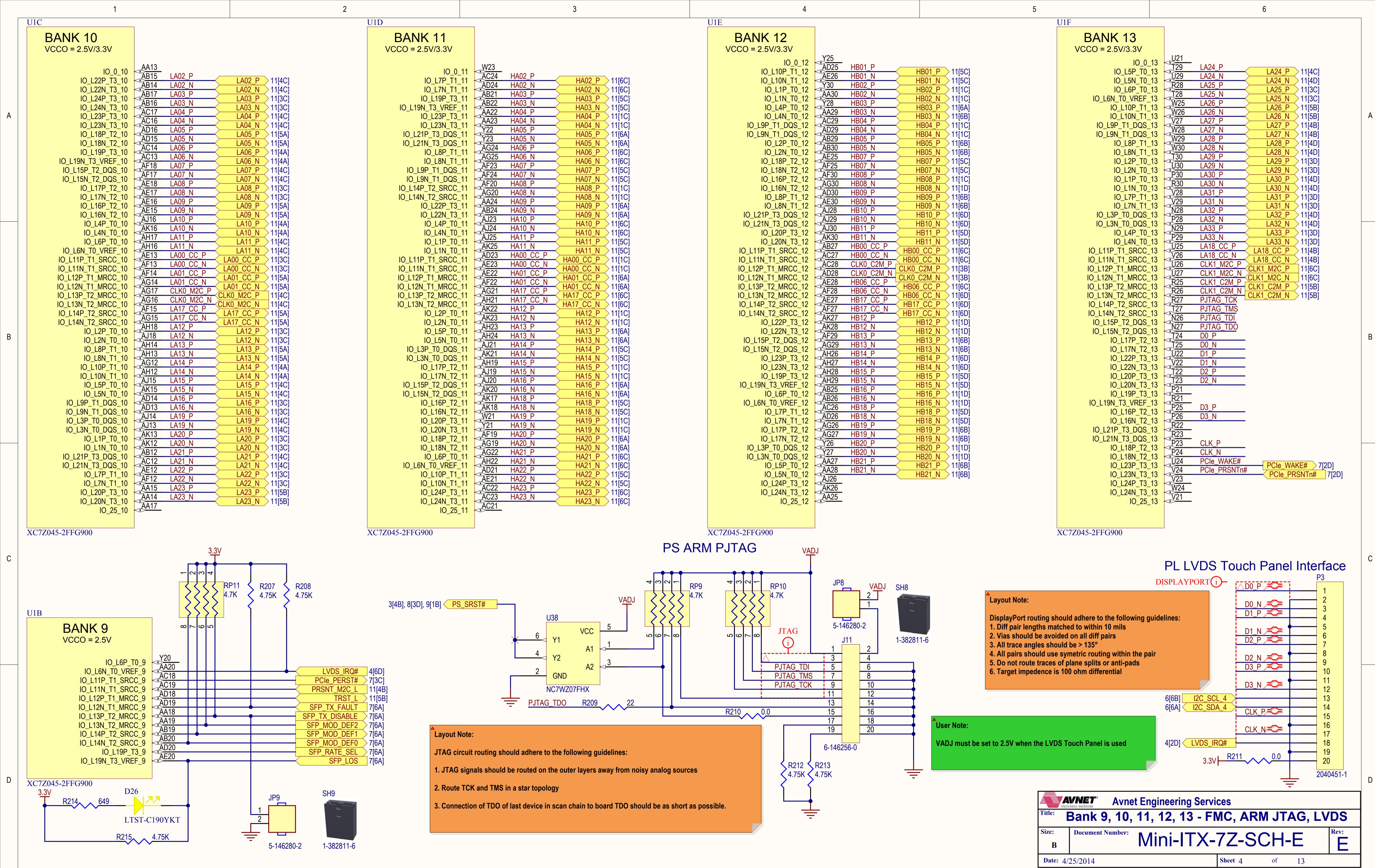
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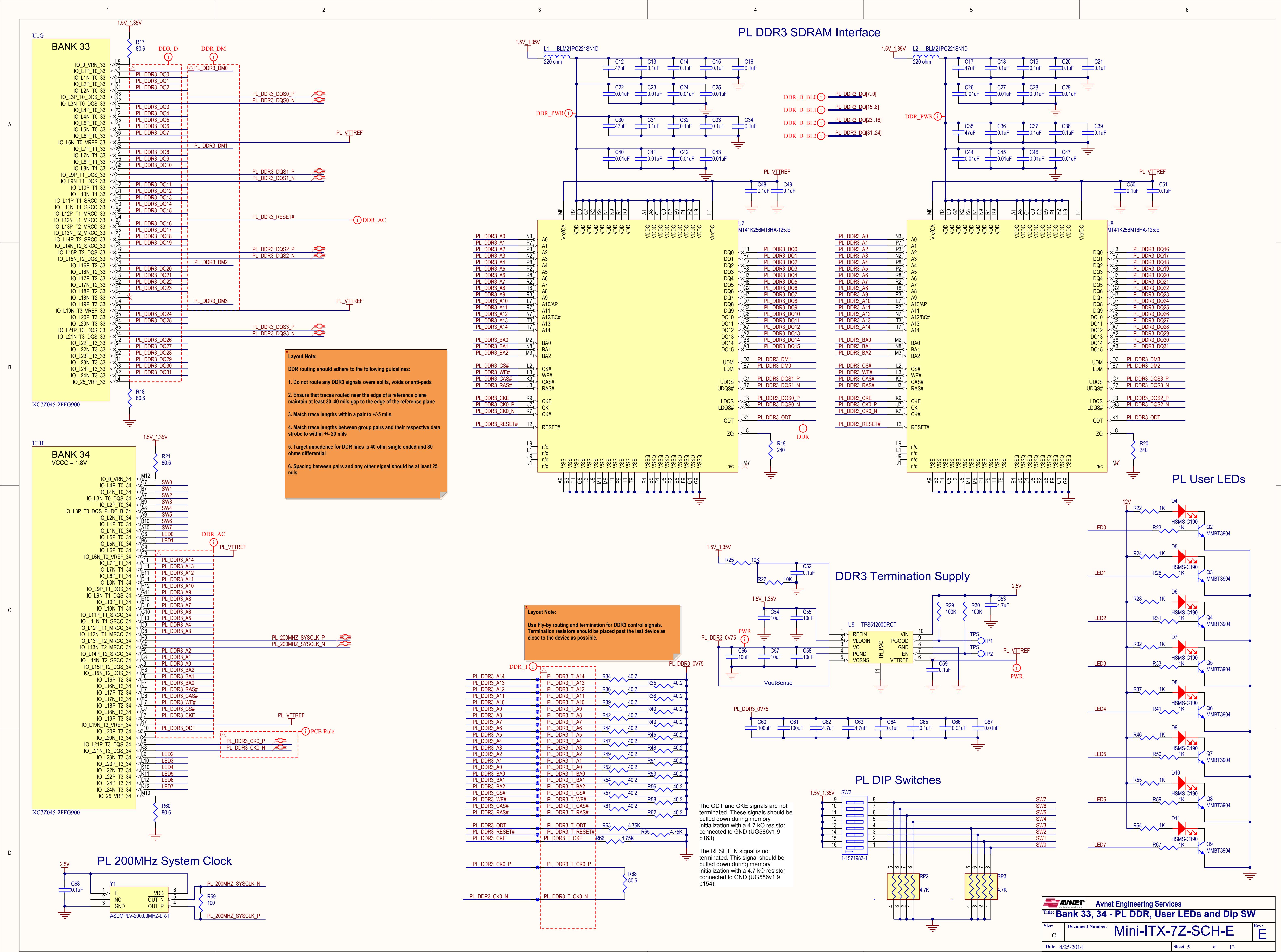
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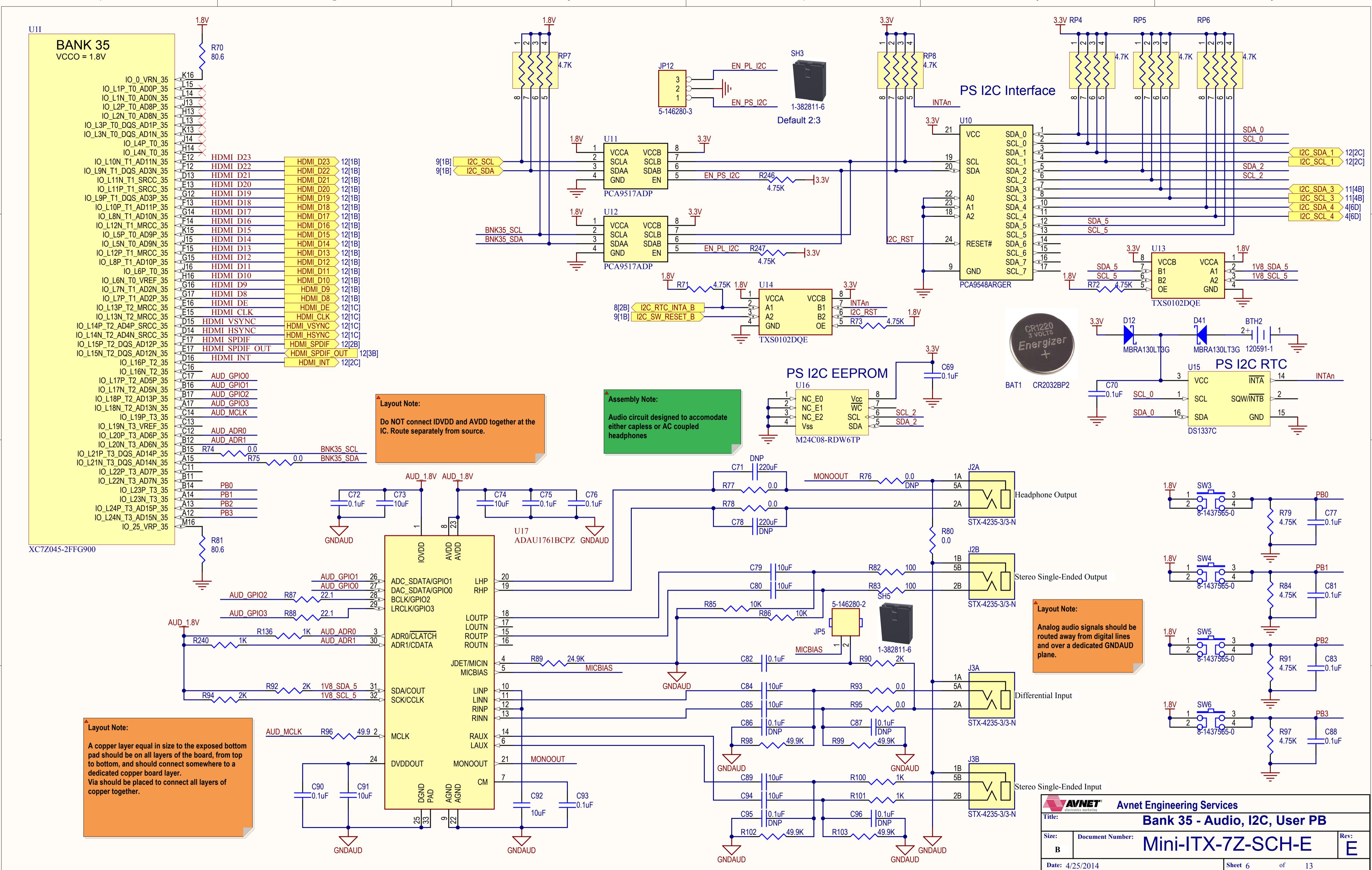
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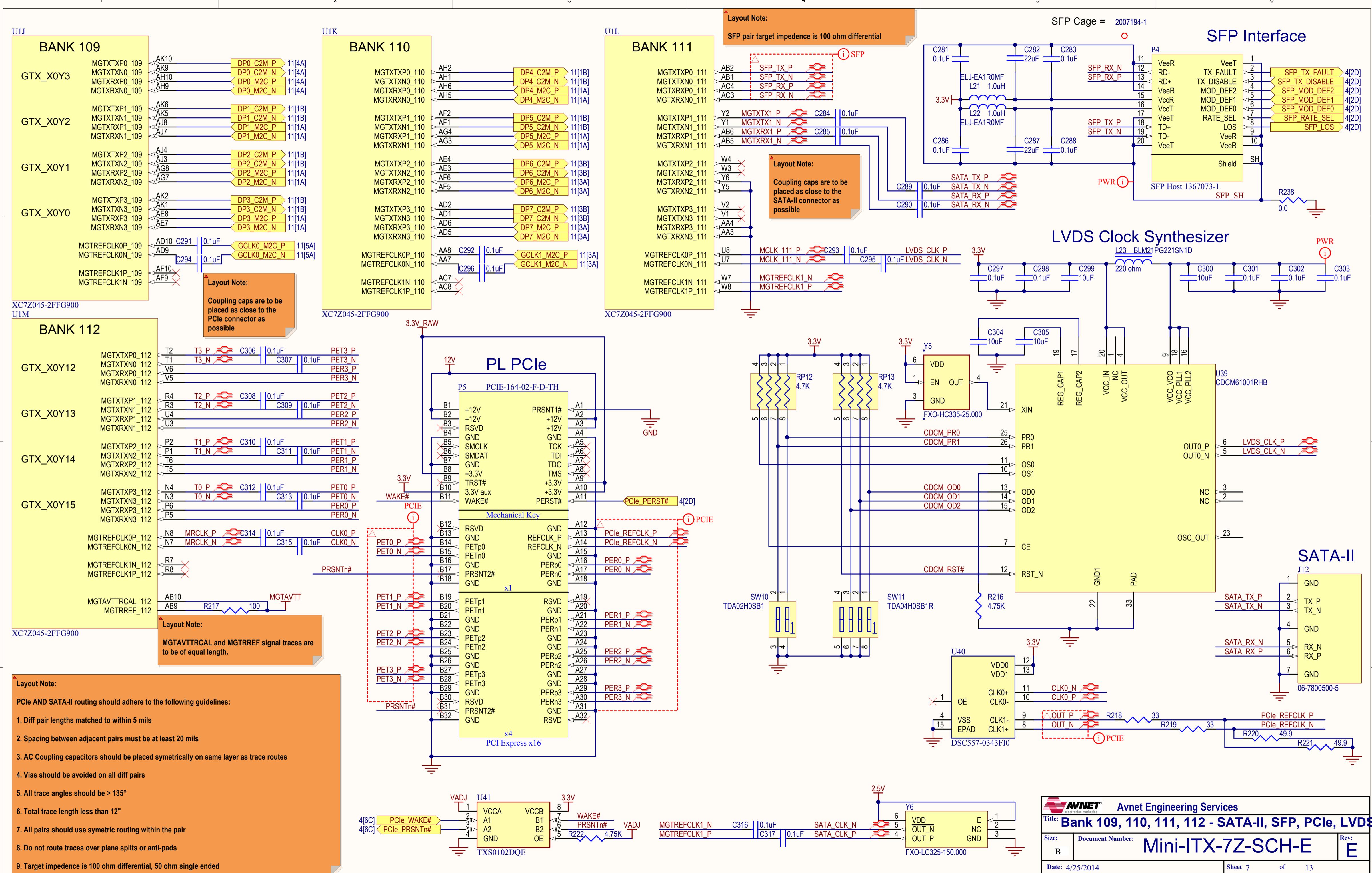


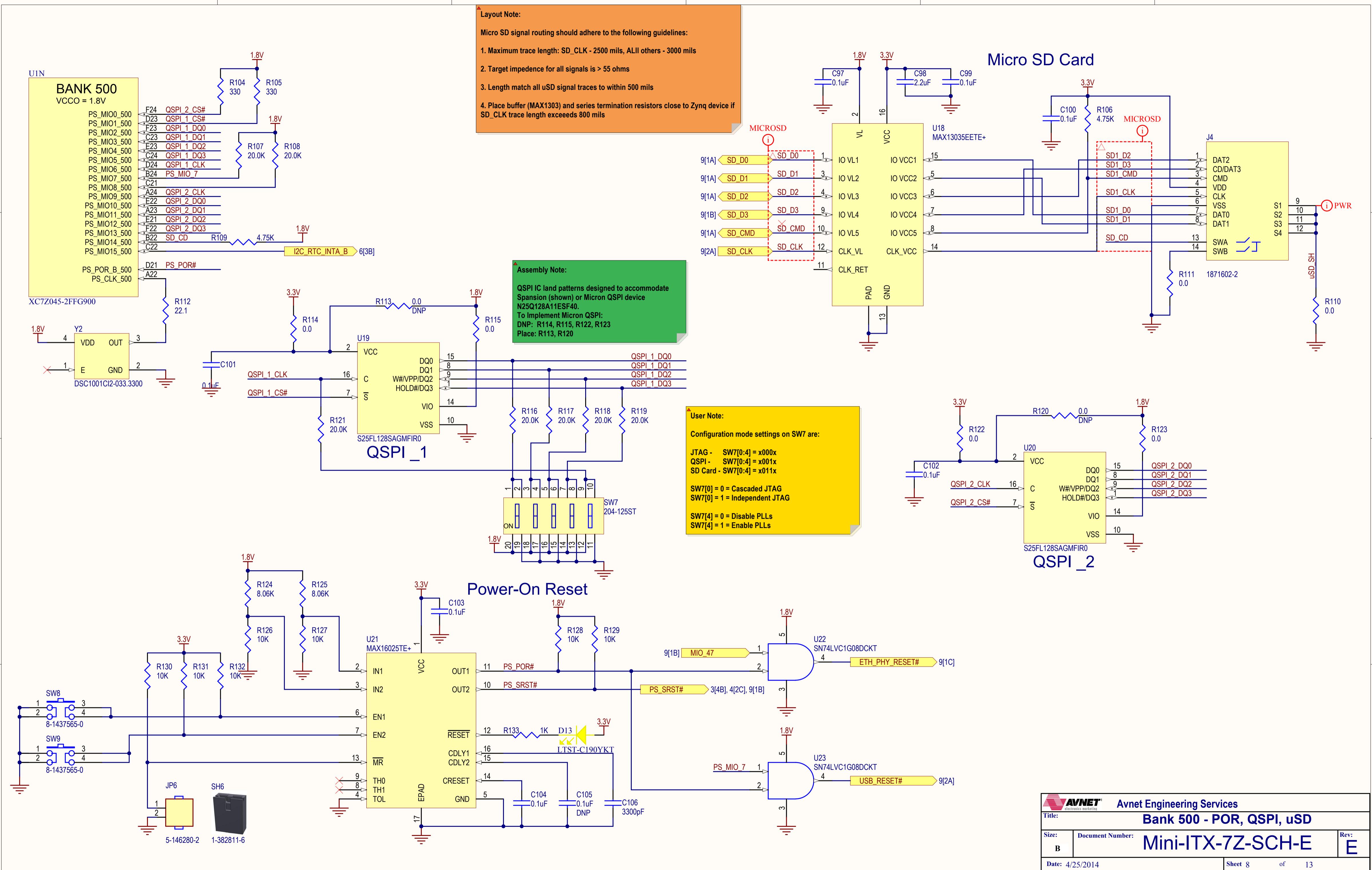


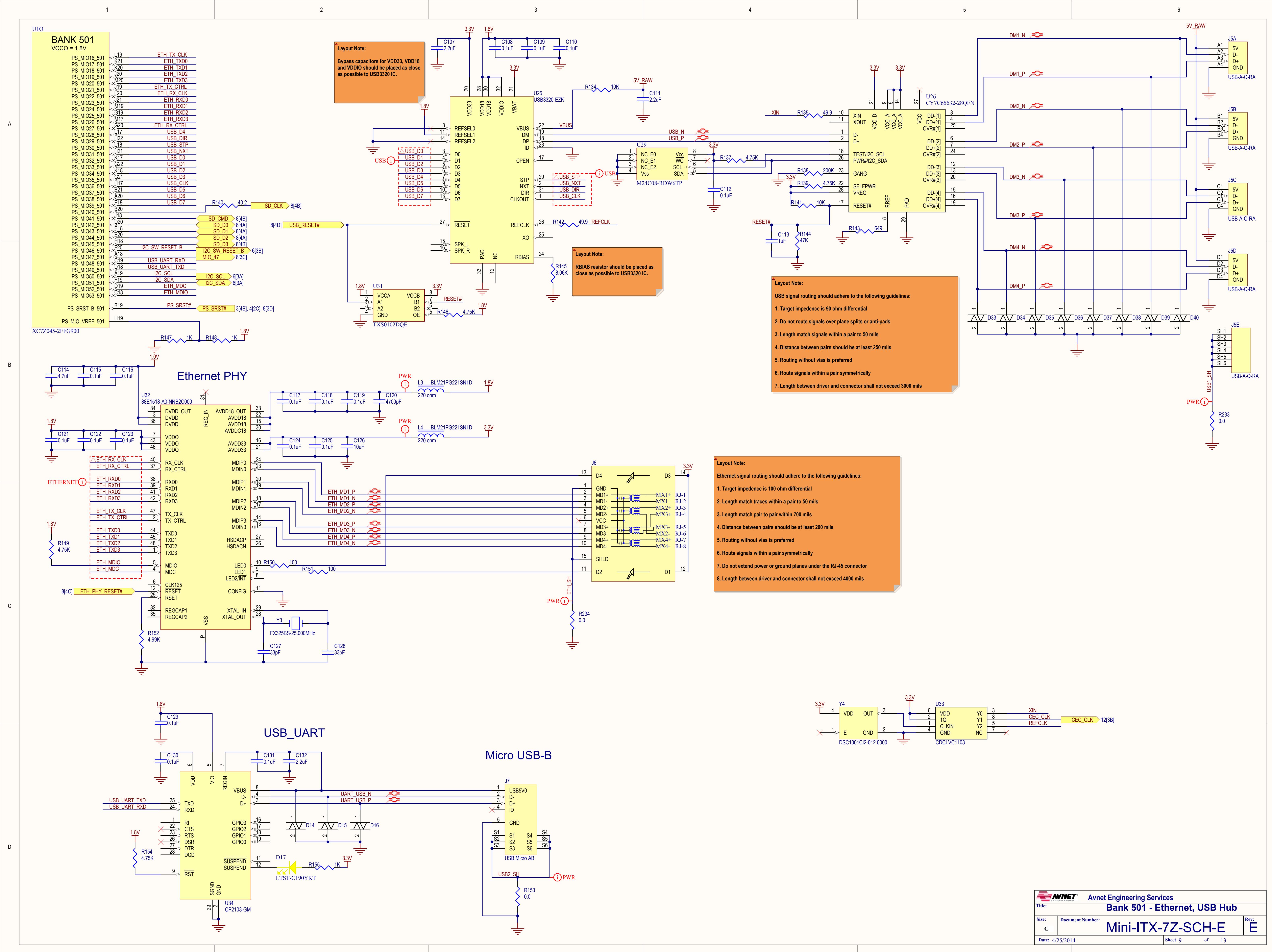


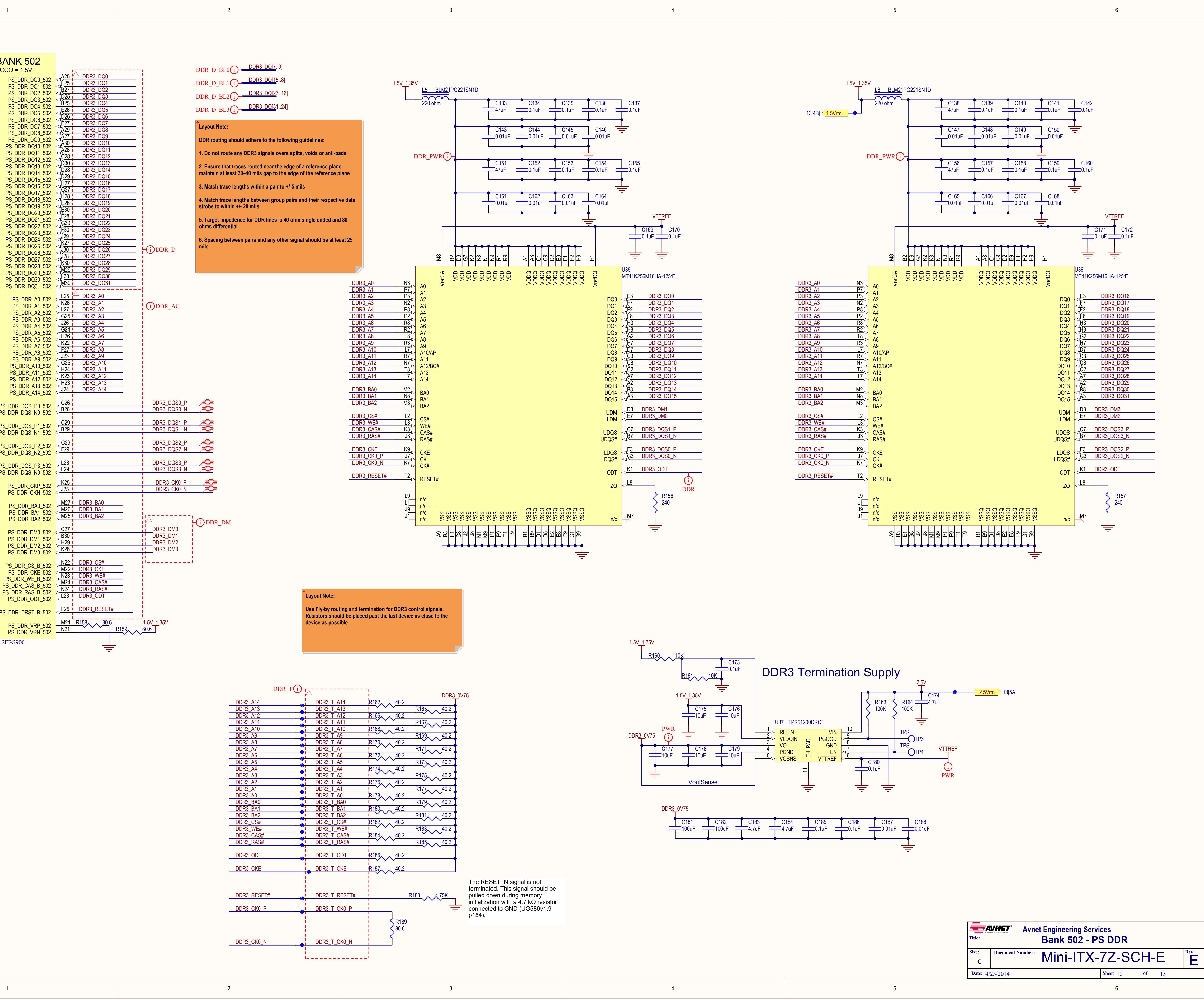


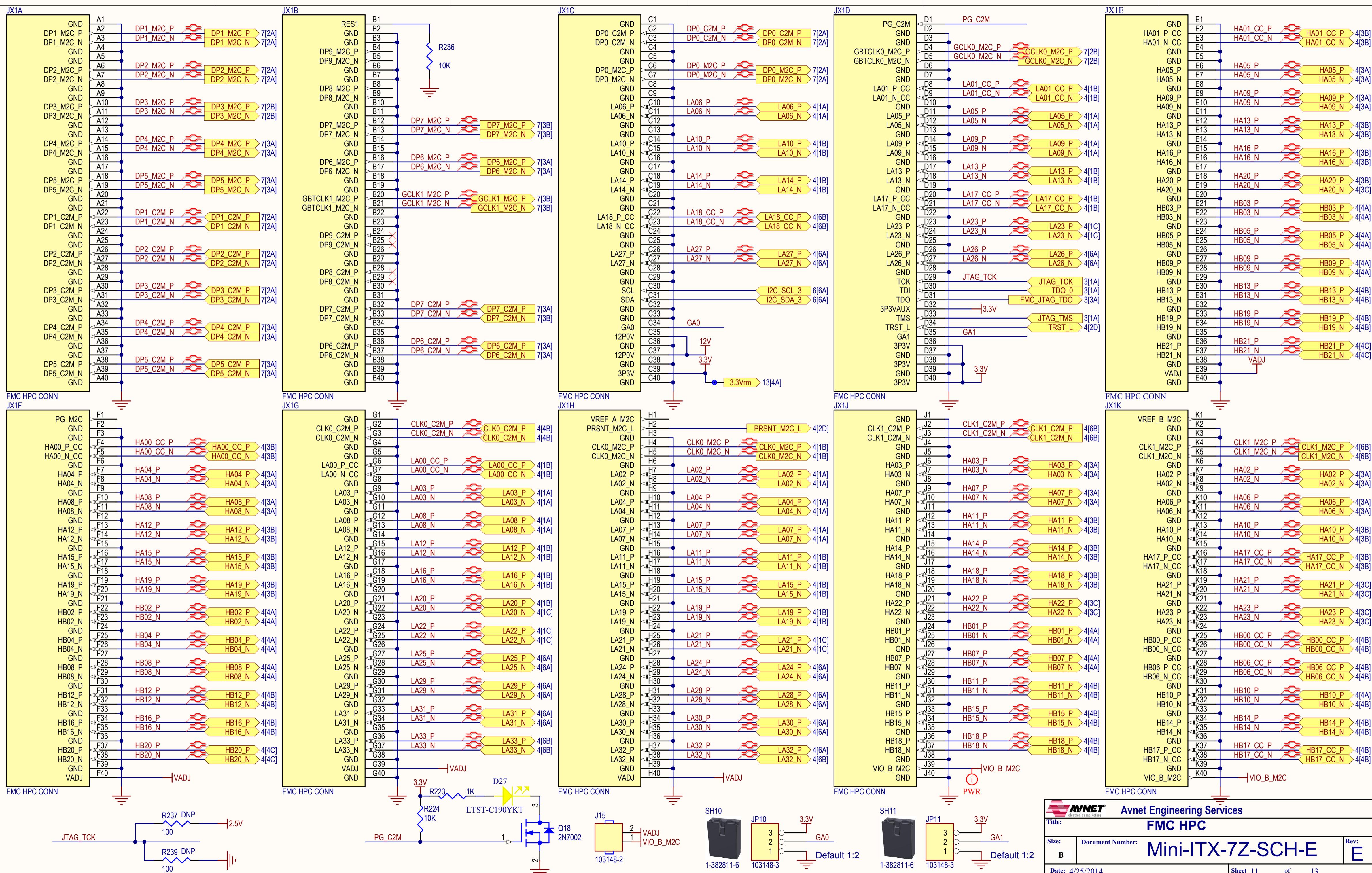


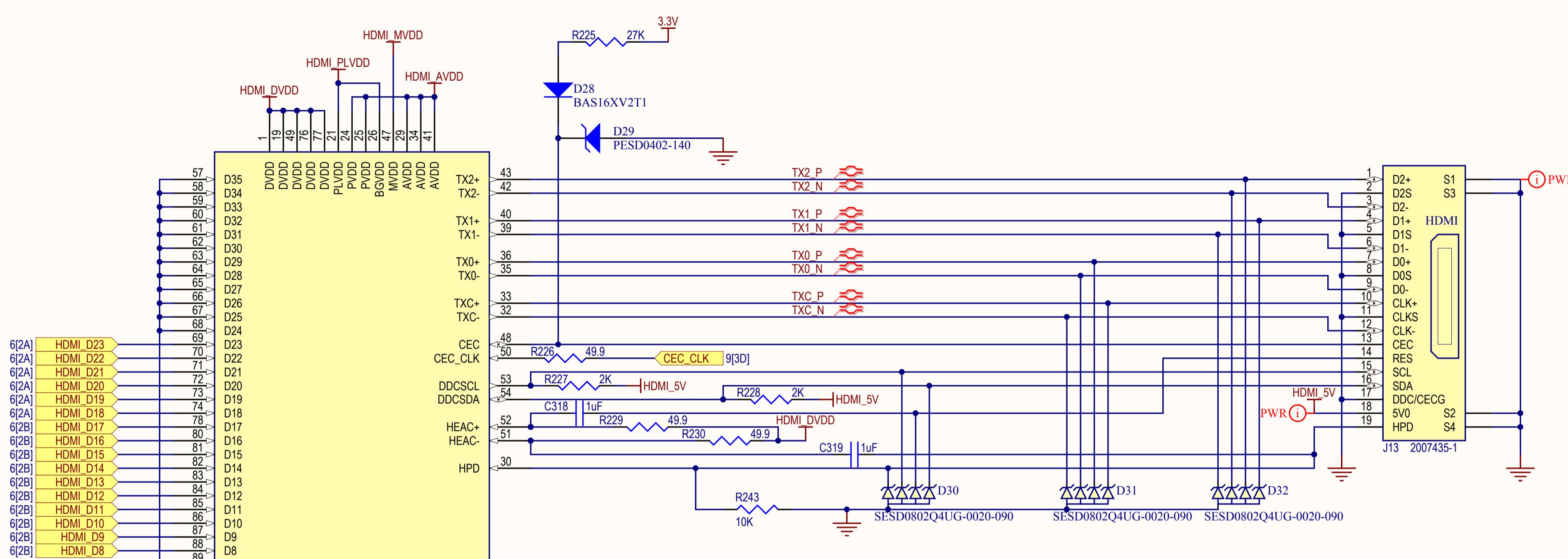












Layout Note

HDMI signal routing should adhere to the following guidelines:

1. Target impedance is 100 ohm differential or 50 ohm single ended
  2. Length match traces within a pair to 10 mils
  3. Length match pair to pair within 20 mils
  4. Routing without vias is preferred
  5. Route signals within a pair symmetrically
  6. Do not route over plane splits or anti-pads

