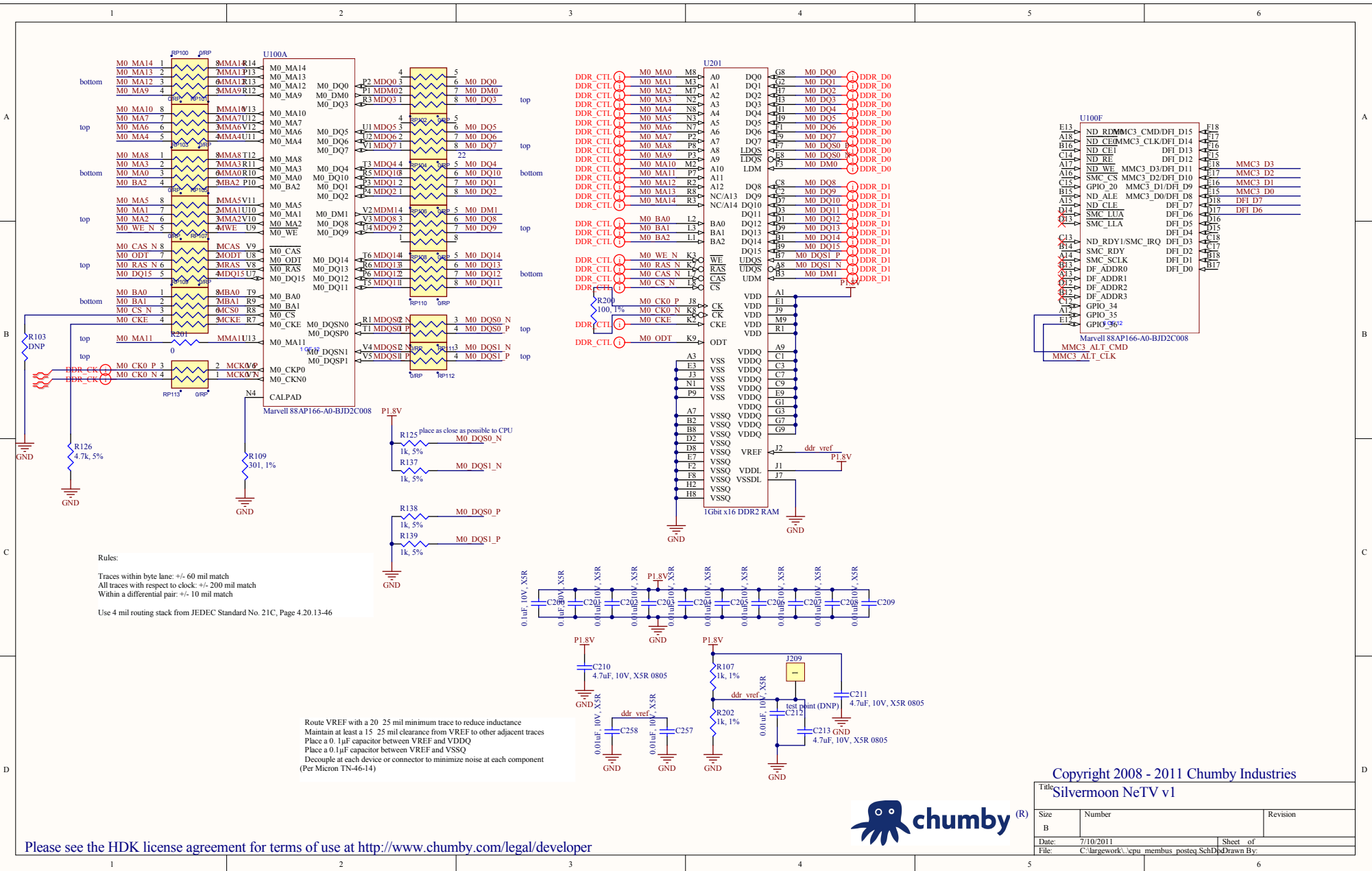


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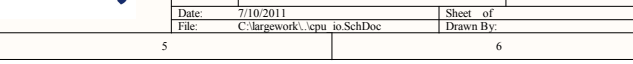
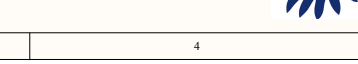
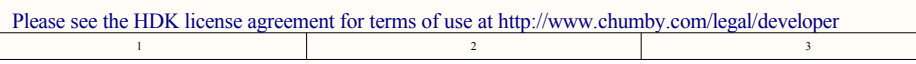
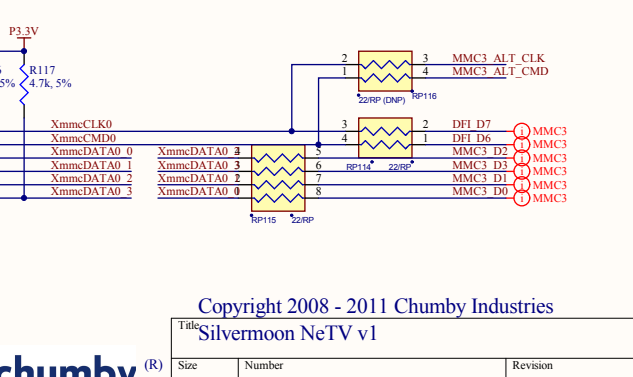
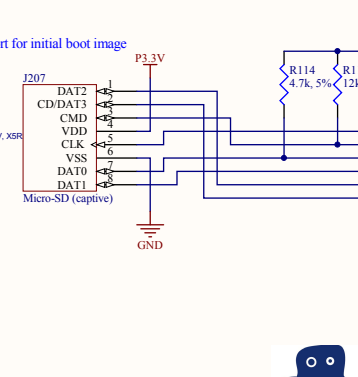
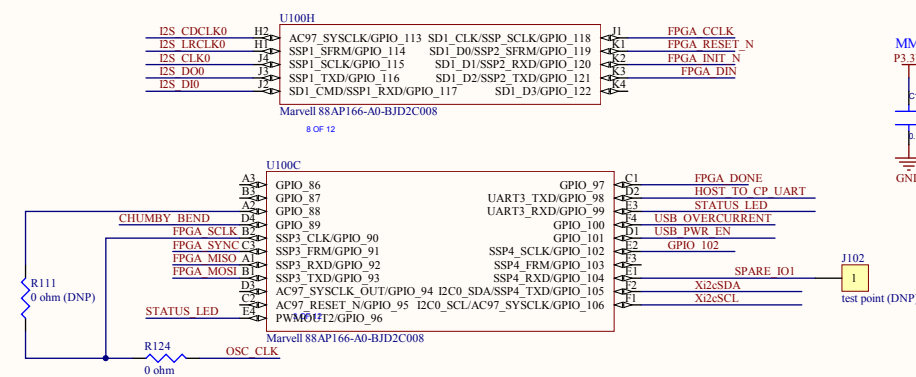
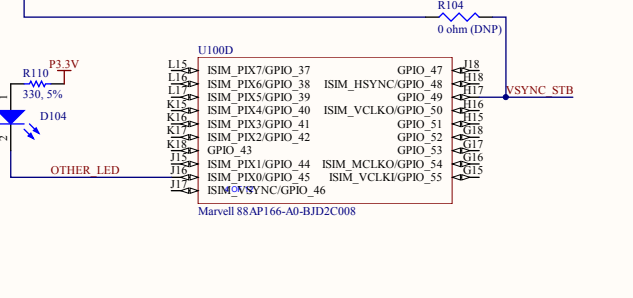
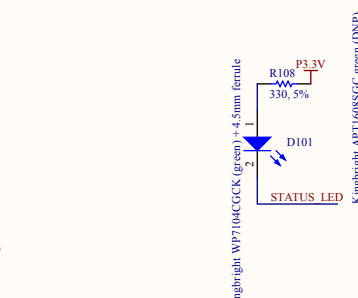
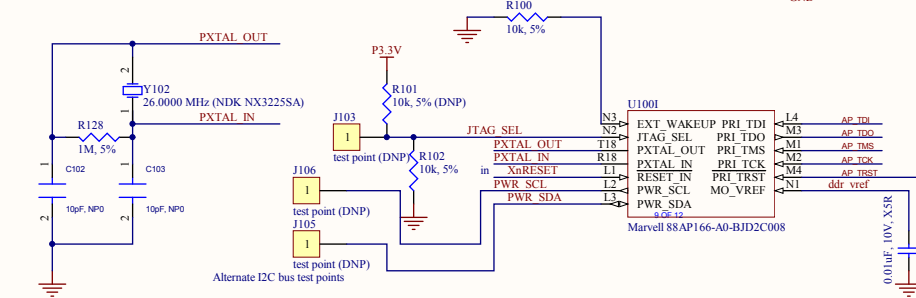
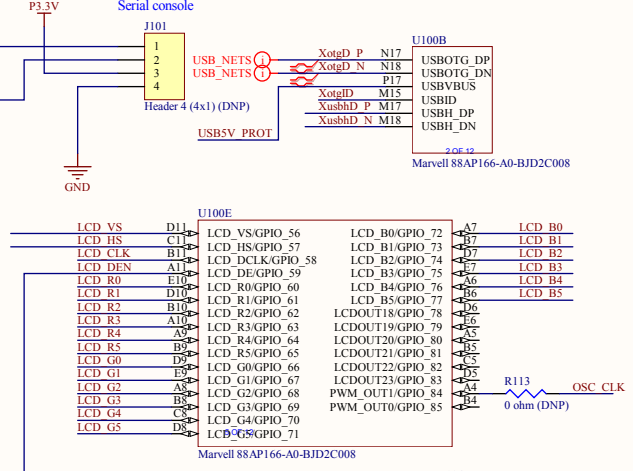
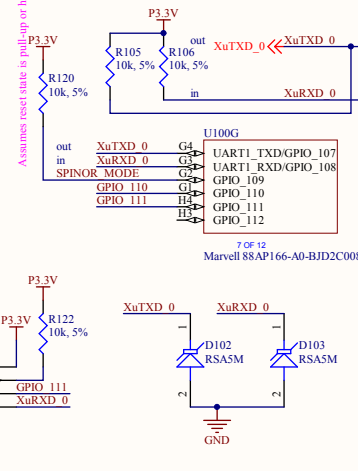
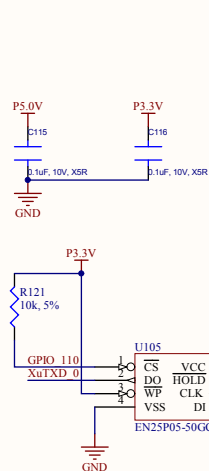
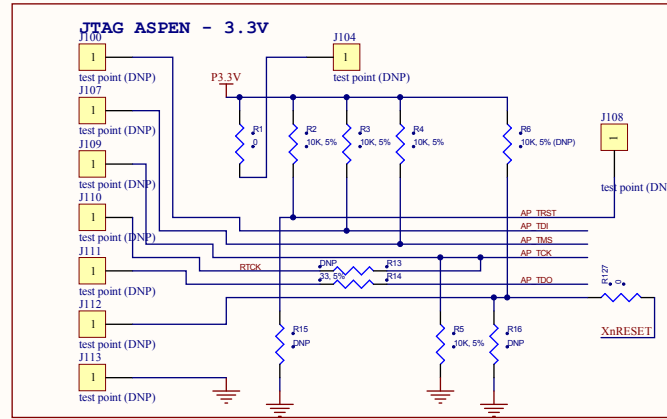


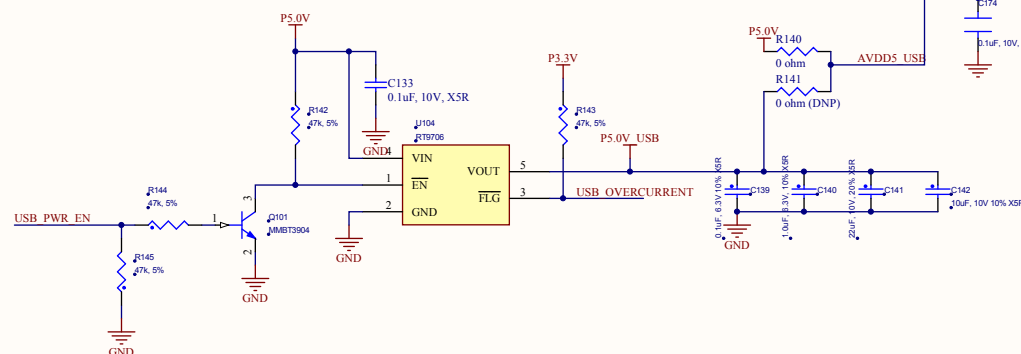
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200 ohm @ 100 MHz, 1-turn ferrite core required on cable for EMC
 5V @ 1A peak +/- 5% from AC

A

B

C

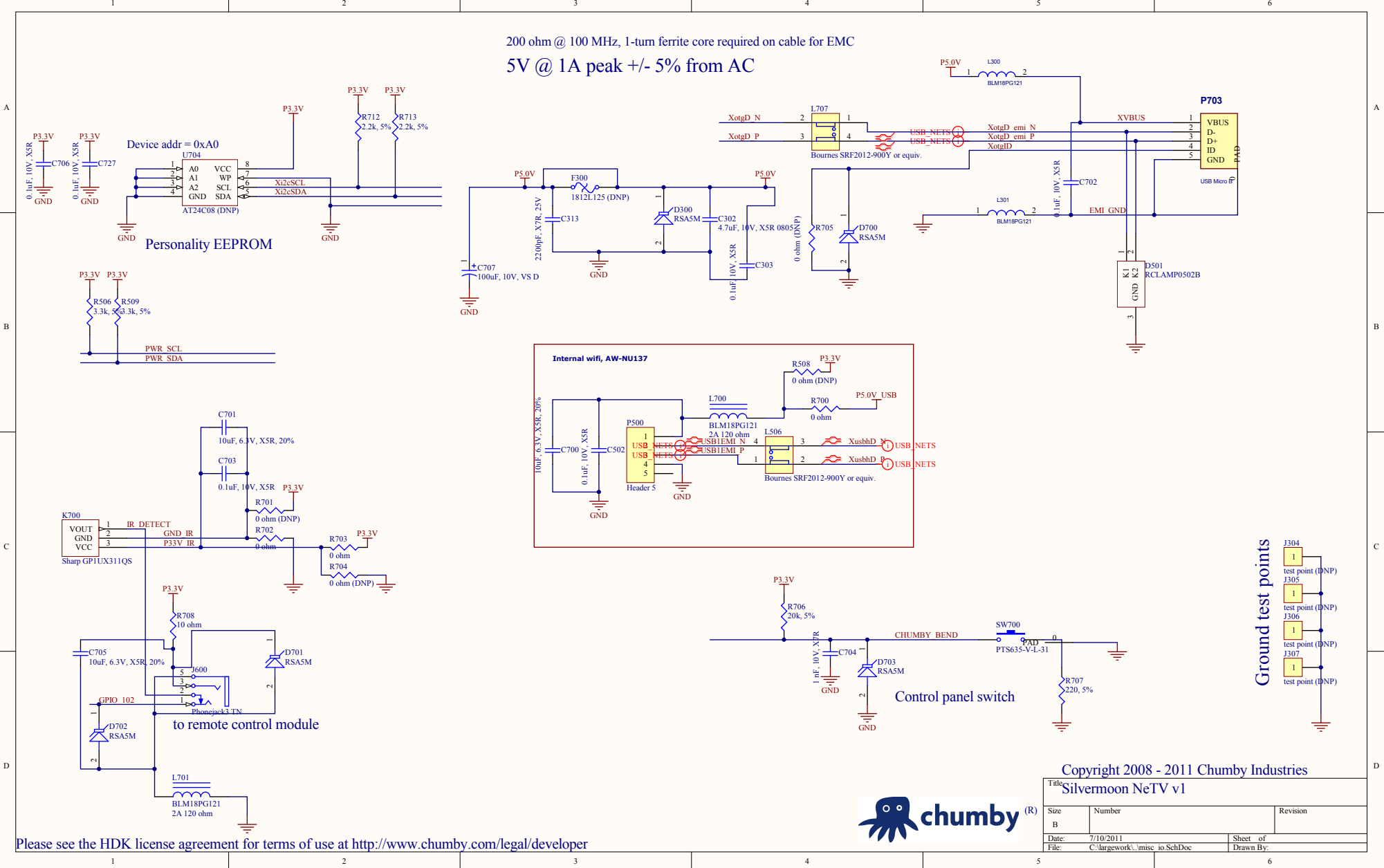
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A

B

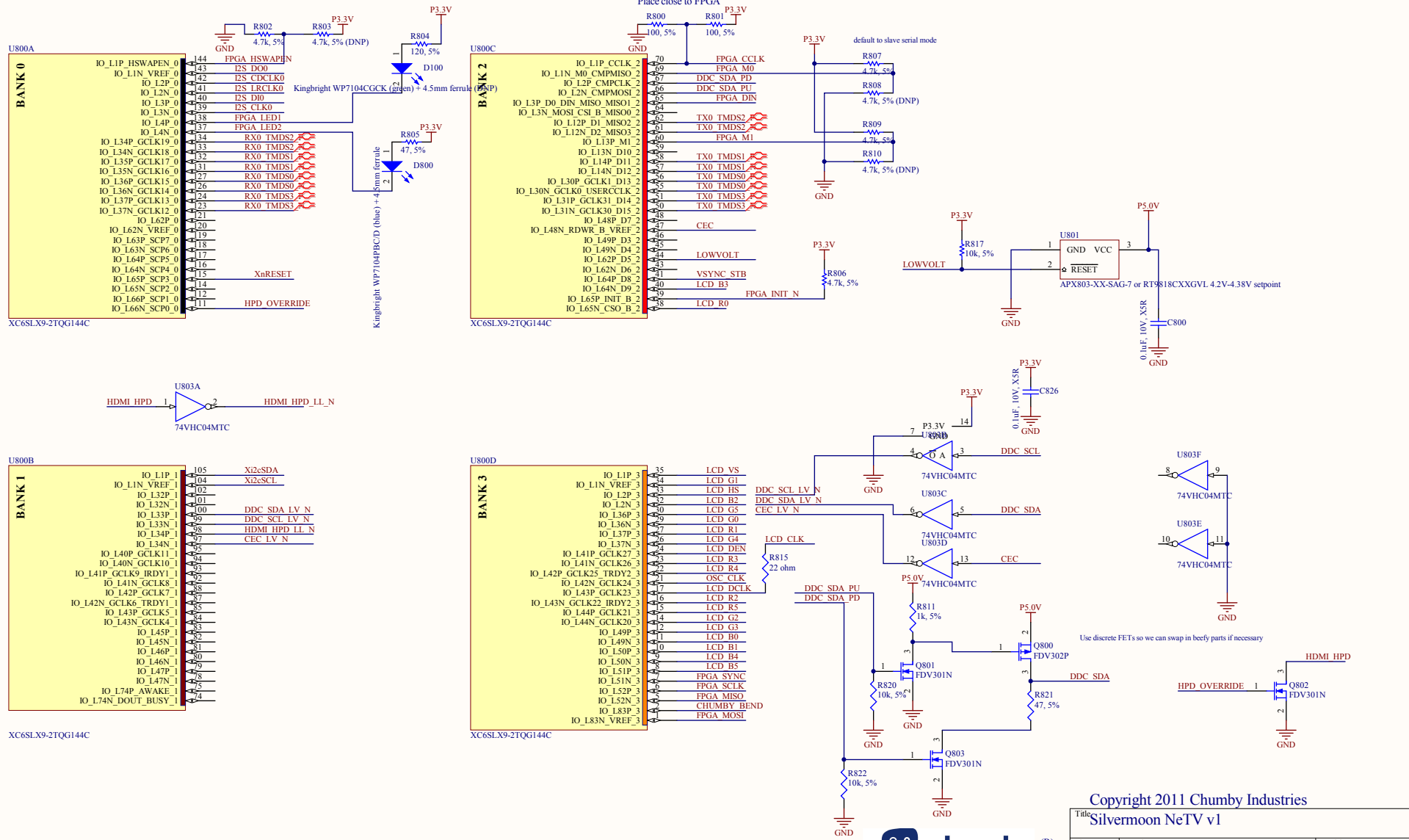
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D



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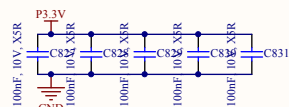
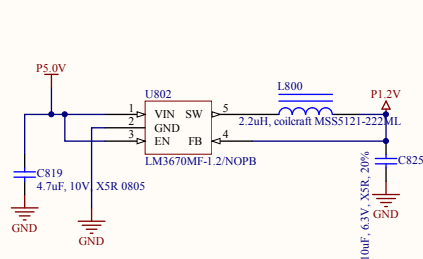
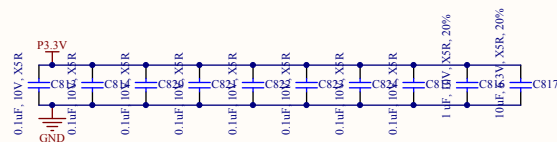
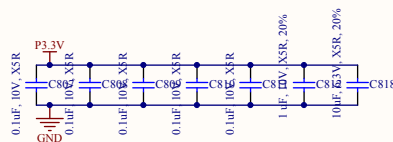
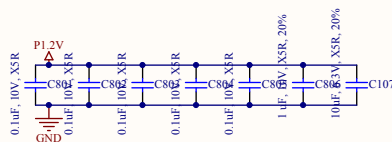
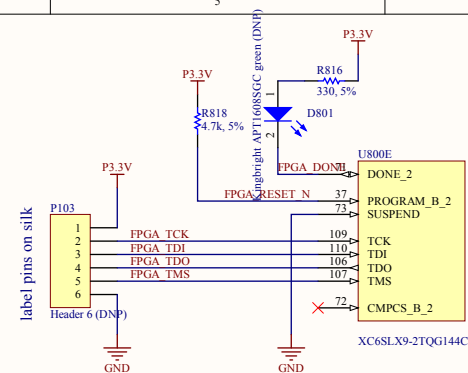
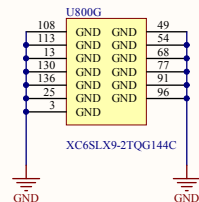


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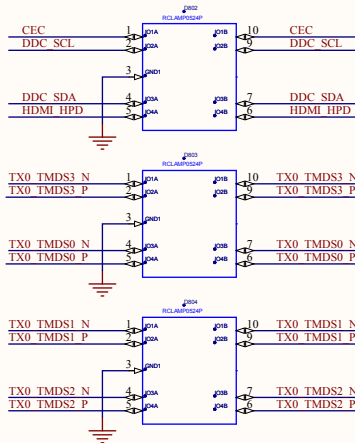


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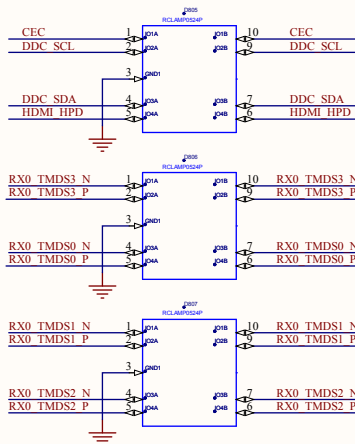


HDMI ESD



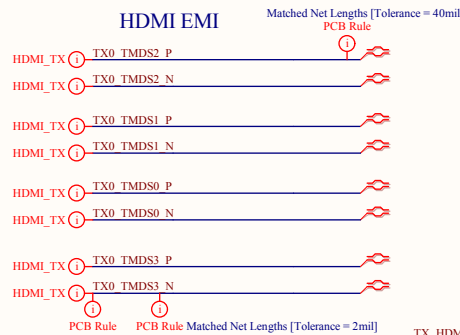
LAYOUT: PLACE ESD IN SERIES TO ELIMINATE STUBS
RUN TRACES STRAIGHT UNDER ESD WITHOUT VIAS

HDMI ESD



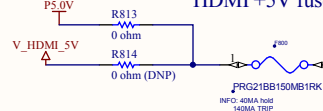
LAYOUT: PLACE ESD IN SERIES TO ELIMINATE STUBS
RUN TRACES STRAIGHT UNDER ESD WITHOUT VIAS

HDMI EMI



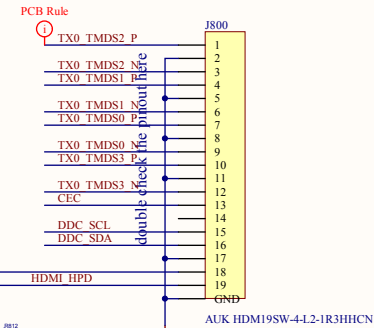
Matched Net Lengths [Tolerance = 40mil]
PCB Rule
LAYOUT: ROUTE HDMI TX AND RX SIGNALS STRAIGHT, AND WITHOUT VIAS. ROUTE PAIRS WITH 100 OHM DIFFERENTIAL IMPEDANCE.

HDMI +5V fuse



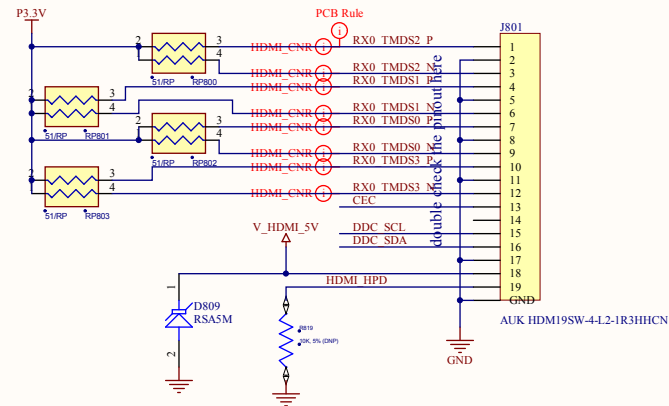
HDMI-A connector

Matched Net Lengths [Tolerance = 2mil]



HDMI-A connector

Matched Net Lengths [Tolerance = 2mil]



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