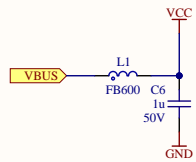


ICY40
FPGA learning platform
Author : Edgar Conzen

Product-Rev. : 4.0.0
PCB-Revision : A03b
Date : 25.10.2025



Detail : TOP SHEET
User Interface and Circuitry Blocks
ICY40_A03_Top.SchDoc
Sheet 1 of 6



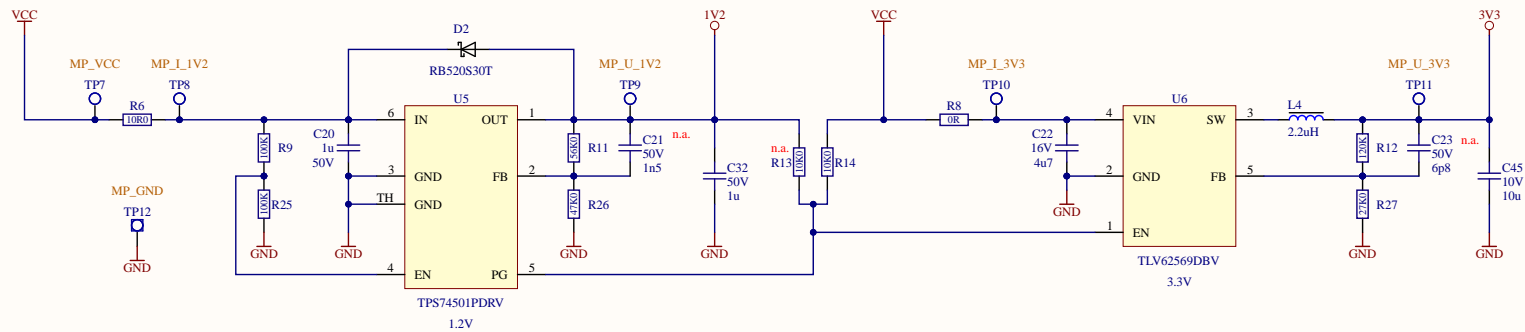
POWER SUPPLY, 1.2V & 3.3V

Power up sequence : 1.2V -> 3.3V

Slew rate : 0.6 .. 10 V/ms

Rise Time 1.2V : min 120us, max 2000us (1800us)

Rise Time 3.3V : min 330us, max 5500us (3800us)



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Detail : Subsheet
Power Supply

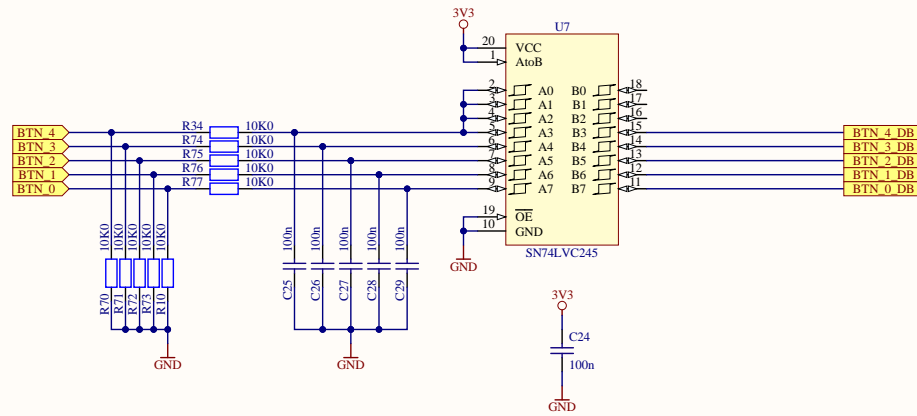
ICY40_A03_Power.SchDoc

Sheet 2 of 6









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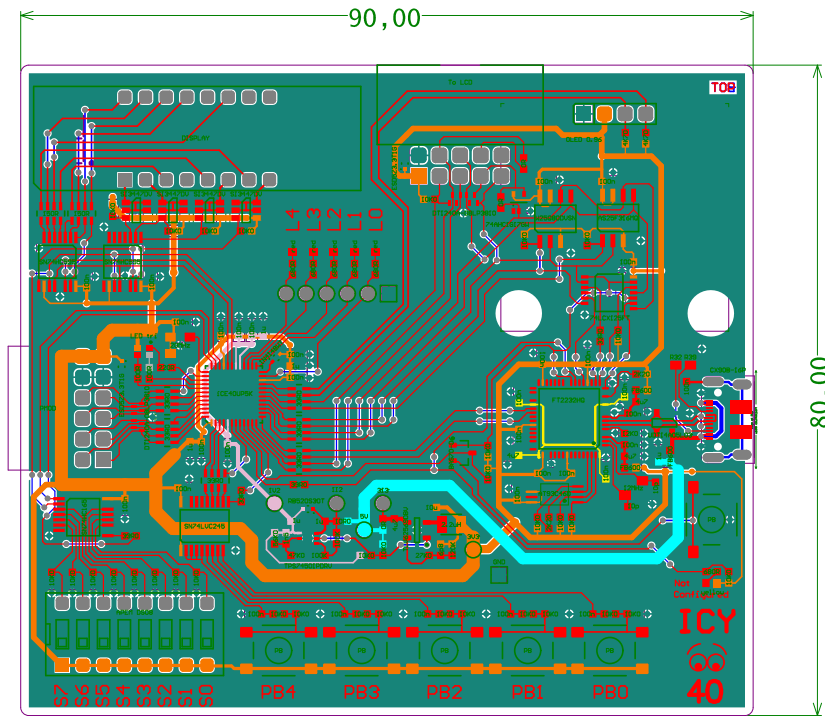
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Detail :

ICY40_A03_Debounce.SchDoc

Sheet 6 of 6





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