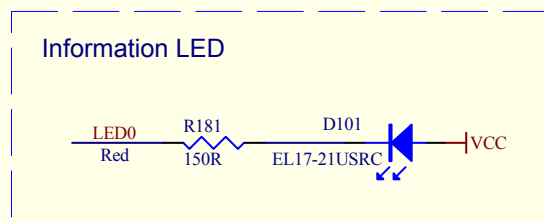
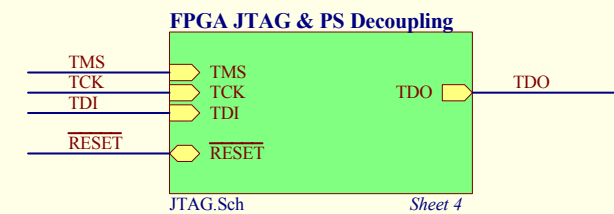
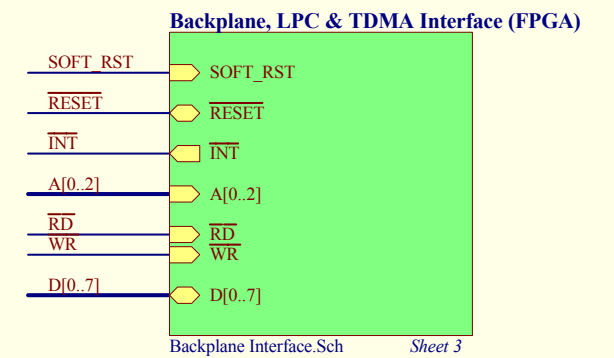
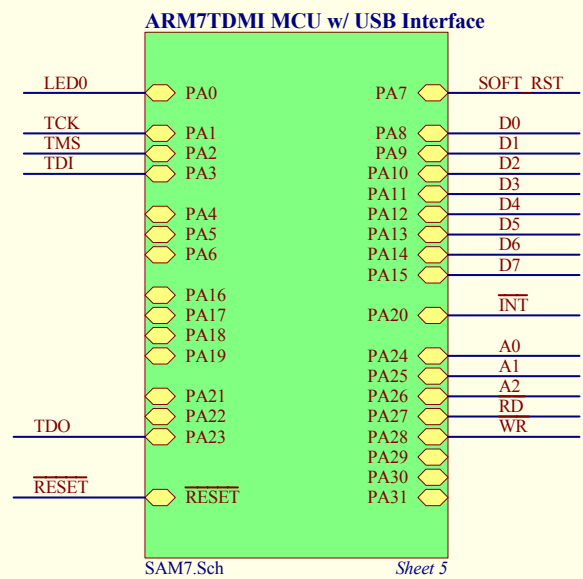
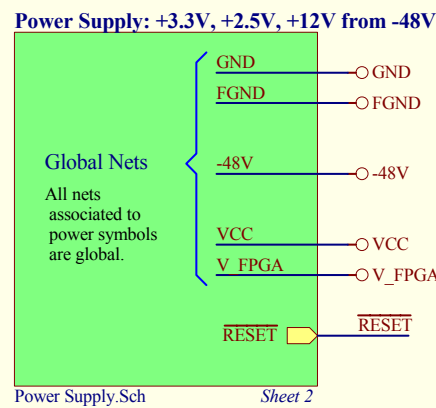


**Design Notes**

README.Sch Sheet 6

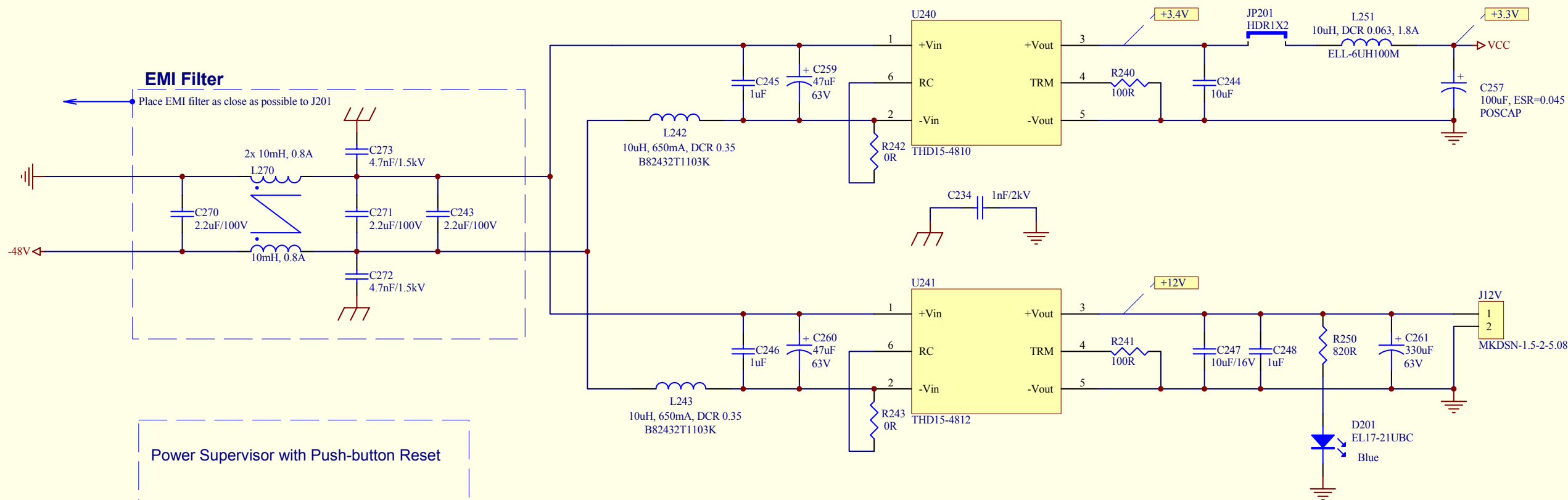


- Non-Electrical Parts**
- M100 PCB-2L-XPU-D-R2A
  - M104 Fiducial
  - M105 Fiducial
  - M106 Fiducial

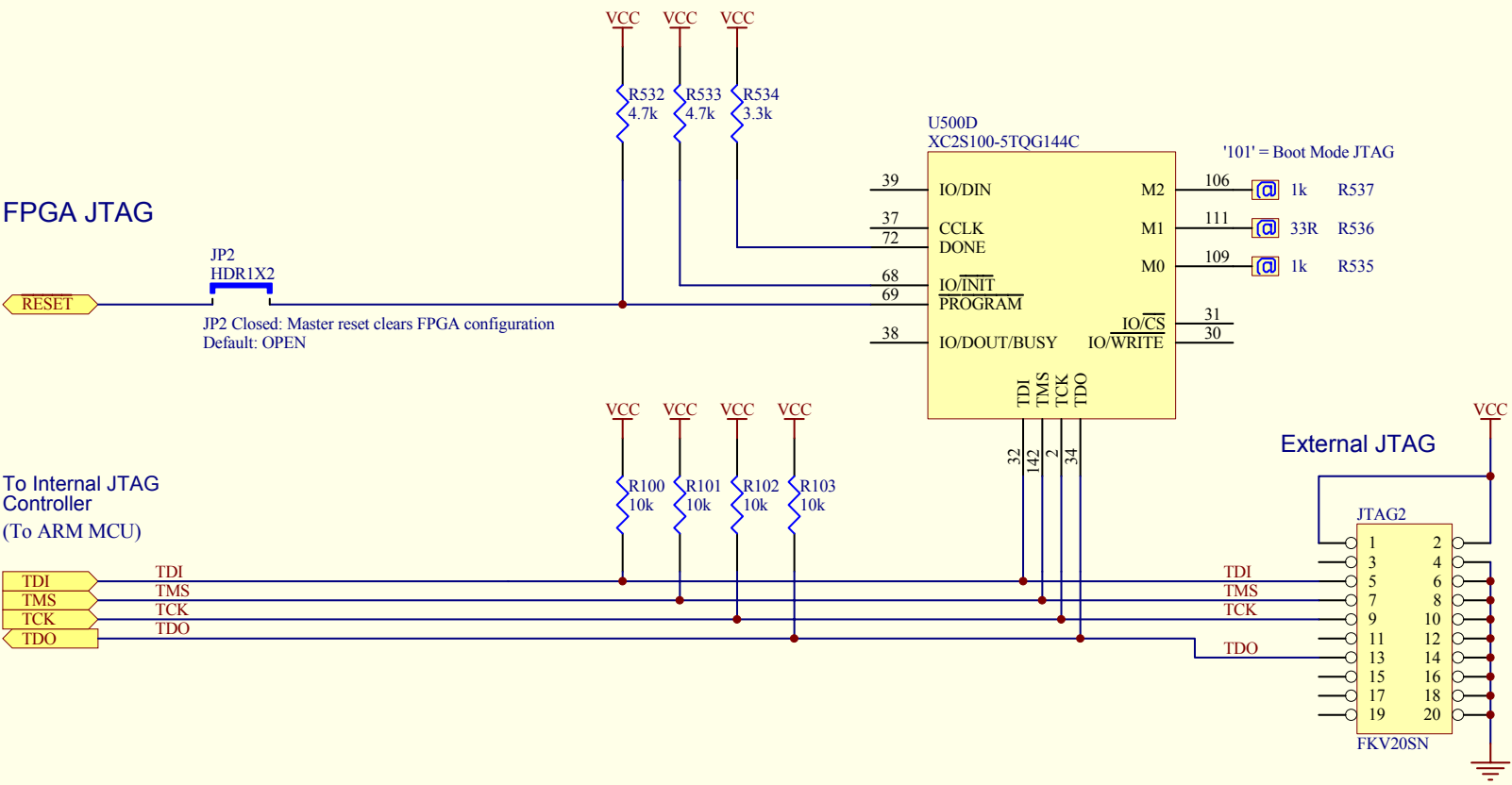
# DEX28 XPU-D R2A

## Schematic Contents

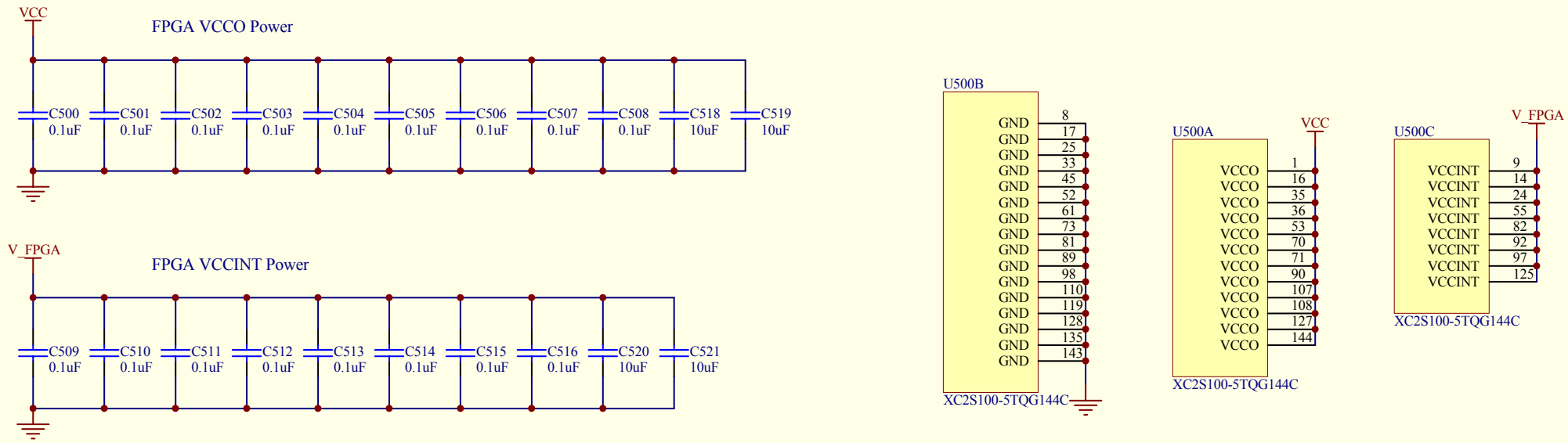
1. This Sheet
2. Power Supply: +3.3V, +12V
3. Backplane, LPC & TDMA Interface (FPGA)
4. FPGA: JTAG, PS Decoupling
5. ARM7TDMI MCU with USB Interface
6. Design Notes



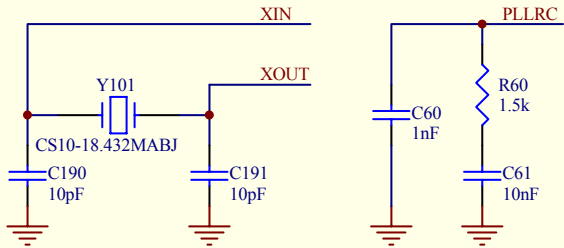




FPGA Power Supply Bulk & Decoupling Capacitors

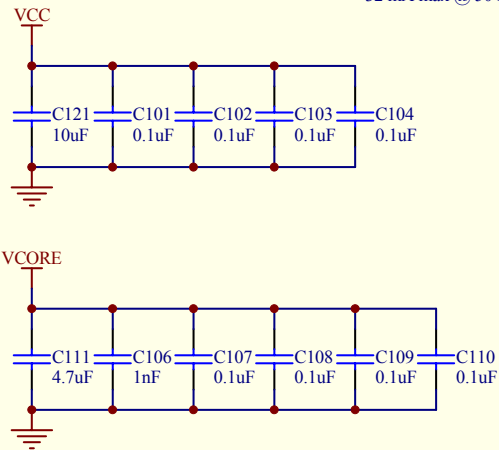


Clock & PLL

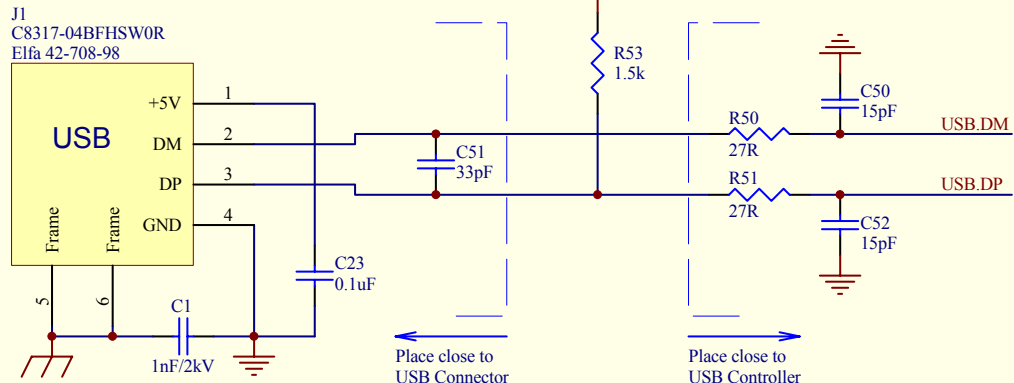


Power Supply

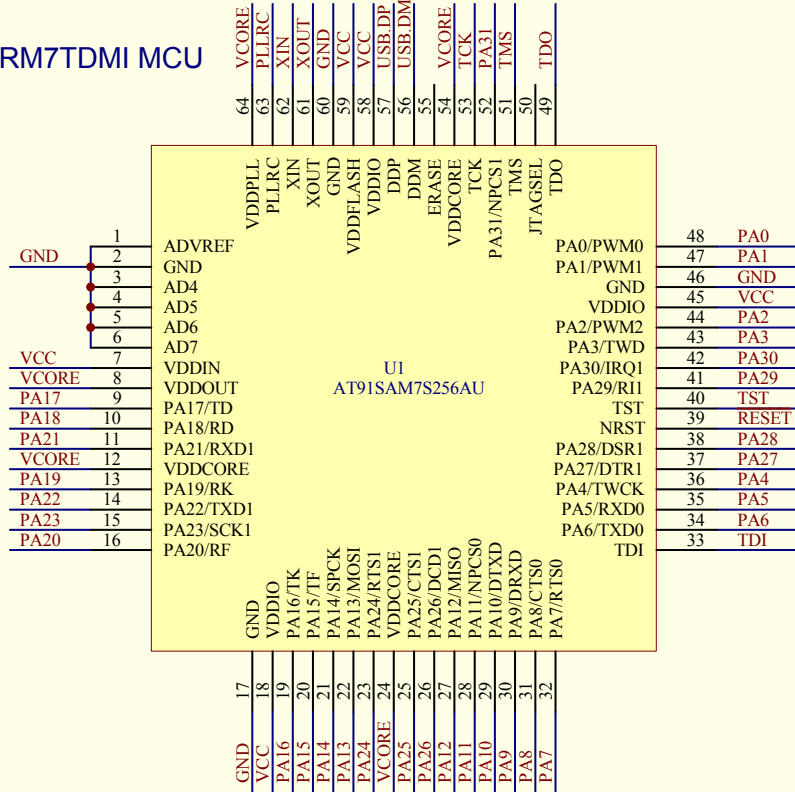
Power Consumption:  
32 mA max @ 50 MHz



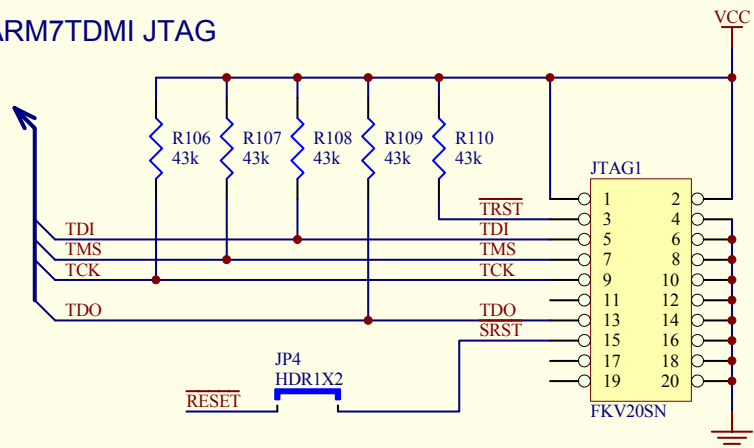
USB Interface



ARM7TDMI MCU



ARM7TDMI JTAG



Relationship between XPU-D R3A (production) and R2A (this document)

