

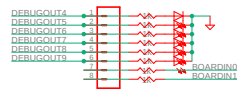
3.3V outputs from the FPGA for debugging, etc.  
These go to LEDs for monitoring



For controlling front panel LEDs



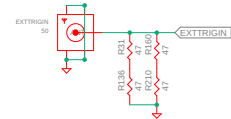
2.5V outputs from the FPGA for debugging, etc.  
These go to LEDs for monitoring



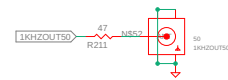
2.5V inputs and outputs to/from the FPGA for status monitoring and control of things, etc.



50 Ohm external trigger input (was BOARDIN4)



50 Ohm 1kHz / Aux output (was DEBUGOUT10)



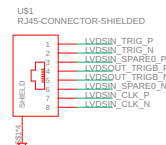
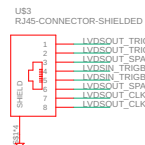
1kOhm 1kHz output for probe compensation



Extra clock input and output

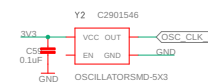


LVDS outputs and inputs for sync between boards



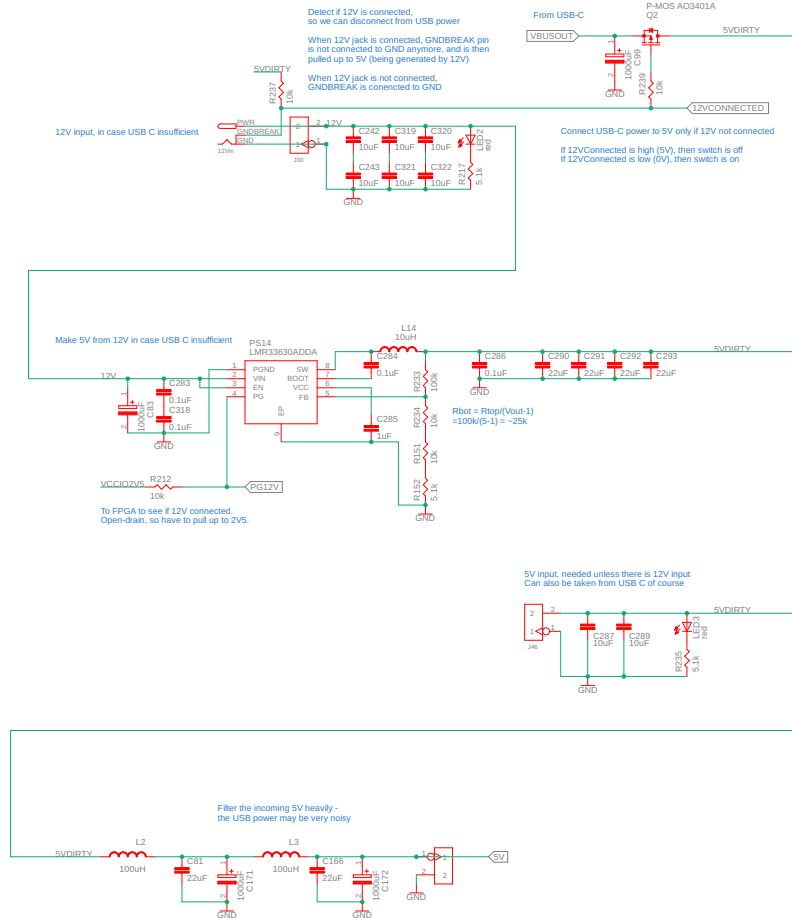
Cyclone IV-E left and right I/O banks support true LVDS transmitters, so use them for LVDS outputs

50 MHz clock for FPGA

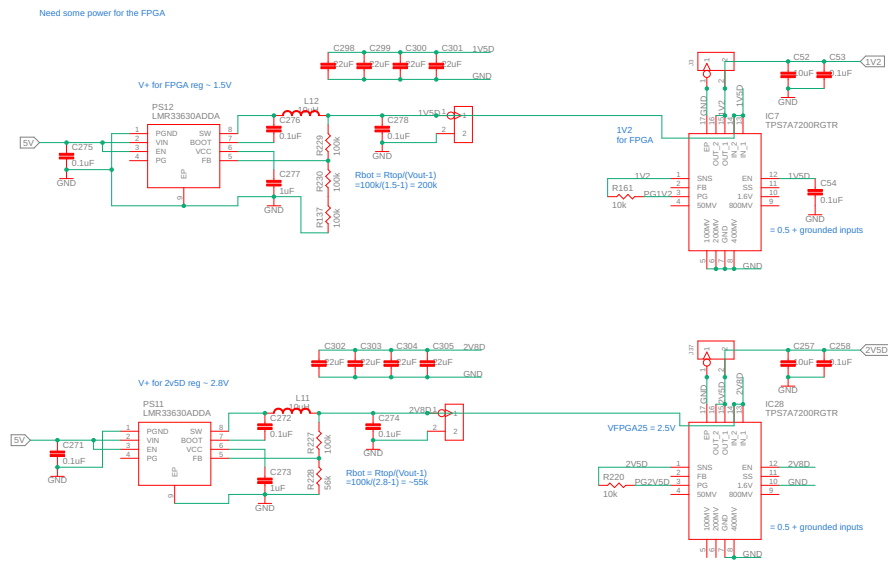


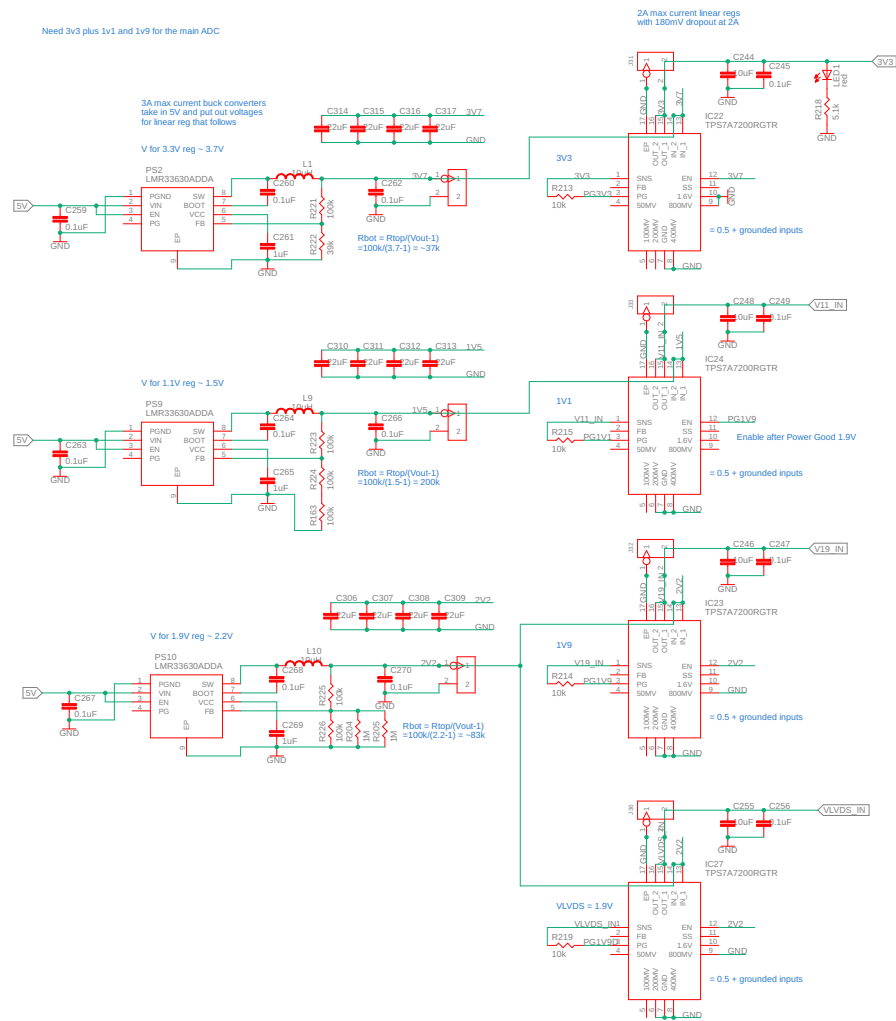


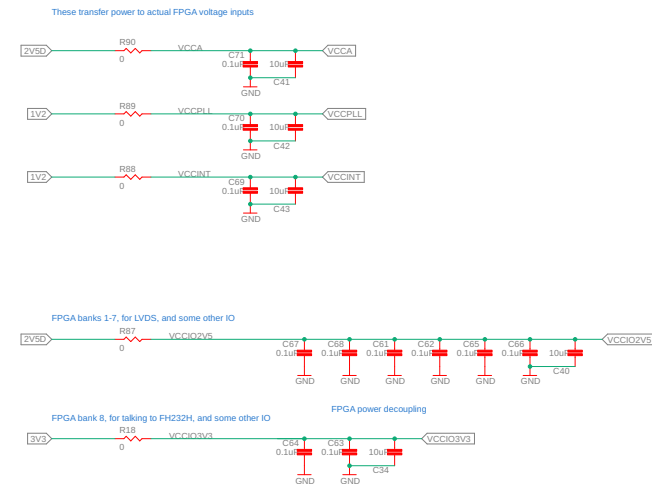
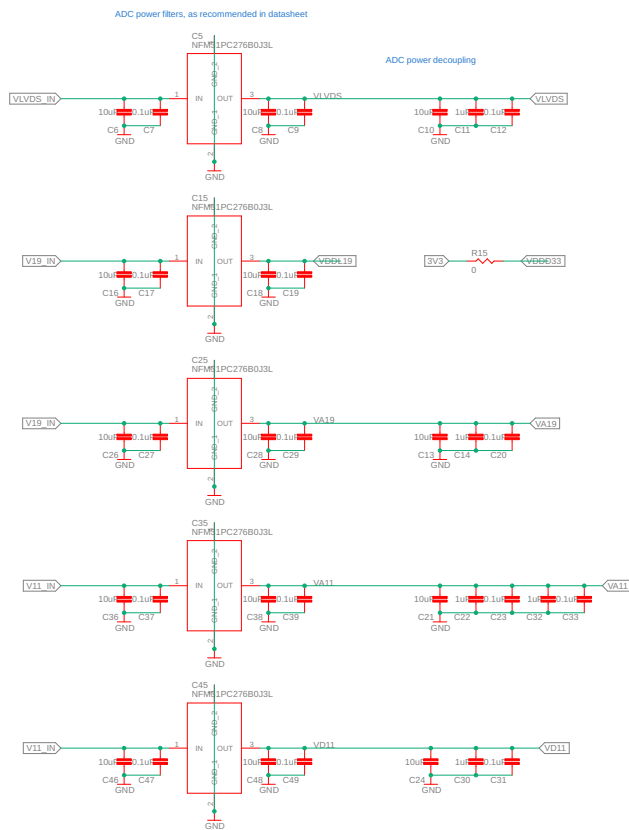


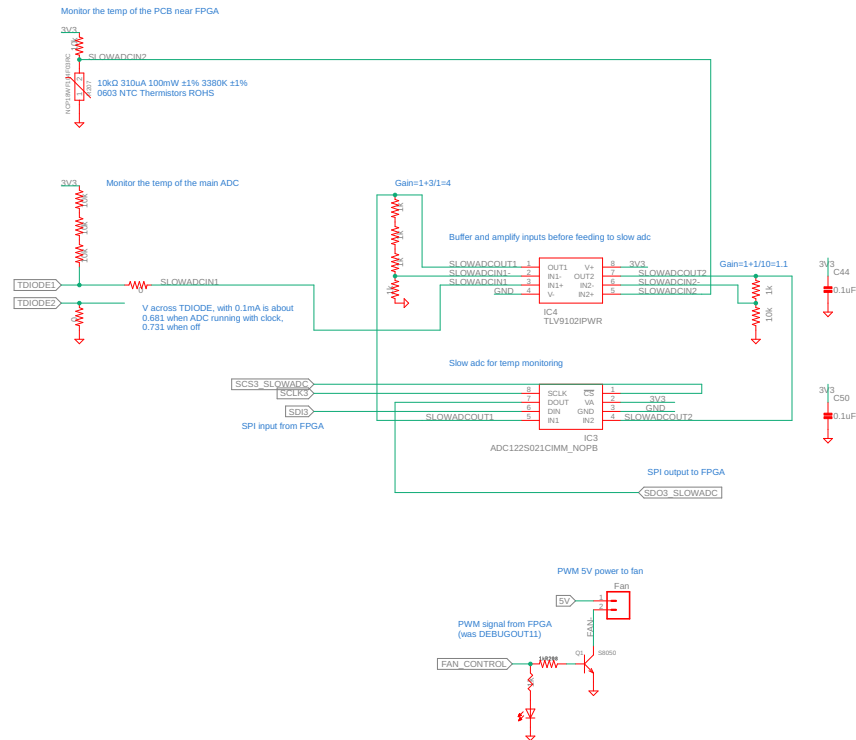












Some extra things to put on  
the board for testing only  
Not connected to the rest of the system!

