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MicroSD Connector Console Connector

General Conventions:

Signal names beginning with a '/' are active low

Directive ▼ indicates that after reviewing the design, the "No Driving Source" warning is suppressed on this pin

Unless Specified Otherwise:

All resistors are 1% metal film, 0201 (1/20W), 0402 (1/16W) or 0603 (1/10W)

All non-polarized capacitors are ceramic

All ceramic capacitors up to and including 1,000pF are NPO, 25V or higher, 5% or better

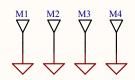
All ceramic capacitors over 1,000pF up to and including 1.0uF are X7R, 16V or higher, 10% or better

All ceramic capacitors over 1.0uF up to and including 10uF are X5R or better, 10V or higher, 20% or better

All ceramic capacitors over 10uF are of type X5R or better and the specified voltage, 20% or better

All polarized capacitors are Organic Tantalum, of the specified manufacturer/family and voltage, 20% or better

Mounting Holes



File Name: S01.SchDoc

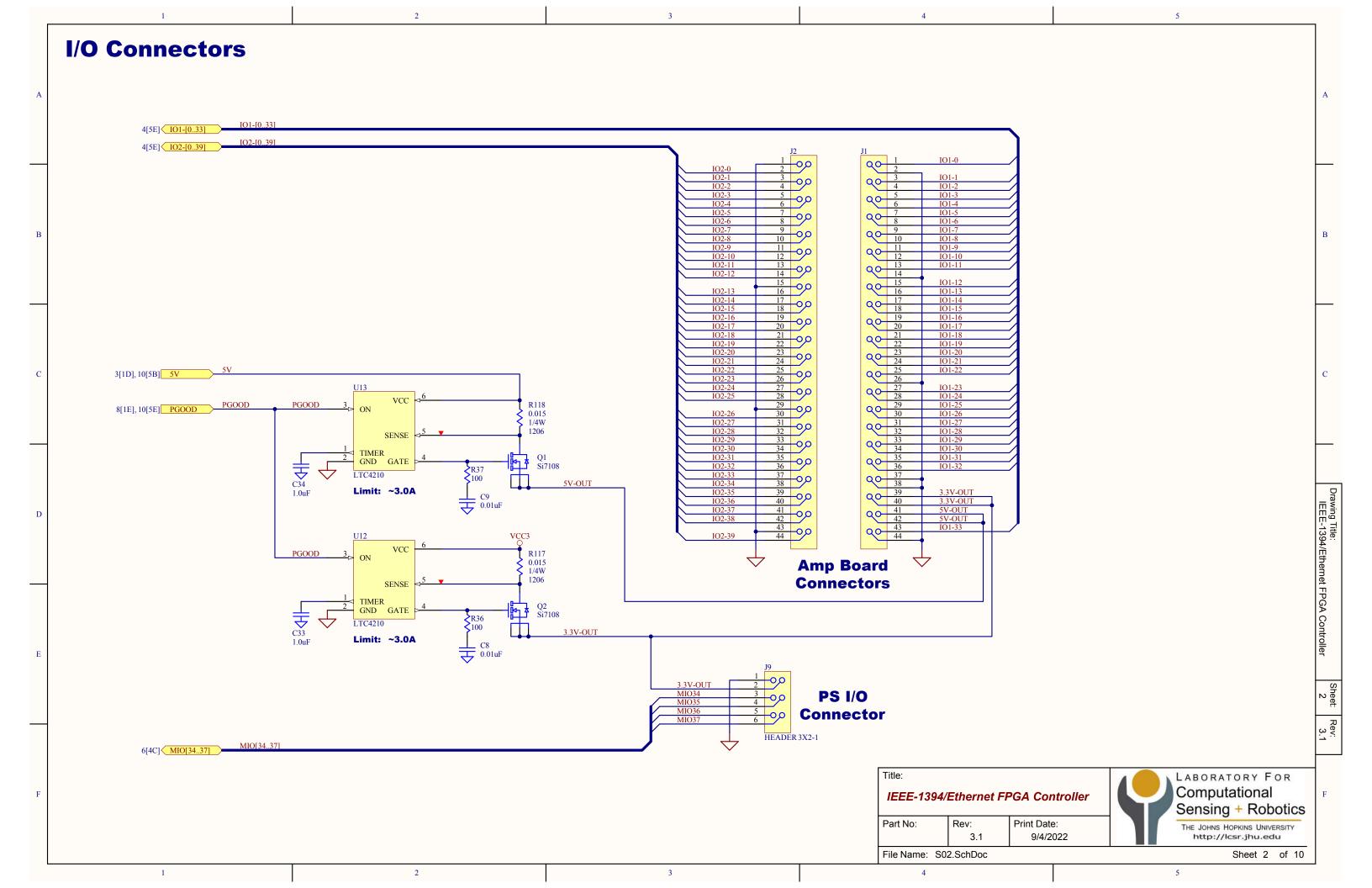
IEEE-1394/Ethernet FPGA Controller

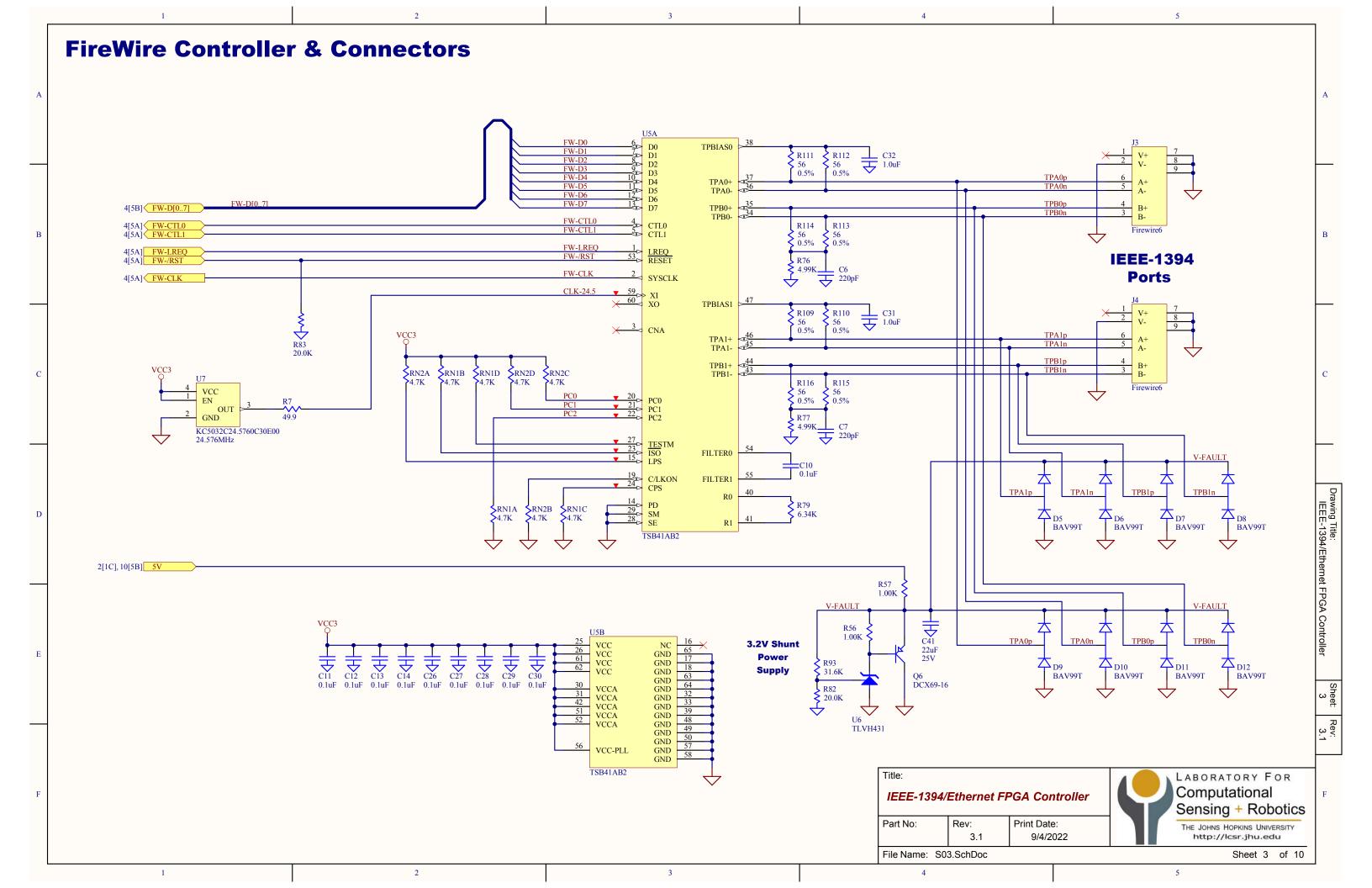
Rev: Print Date: 3.1 9/4/2022

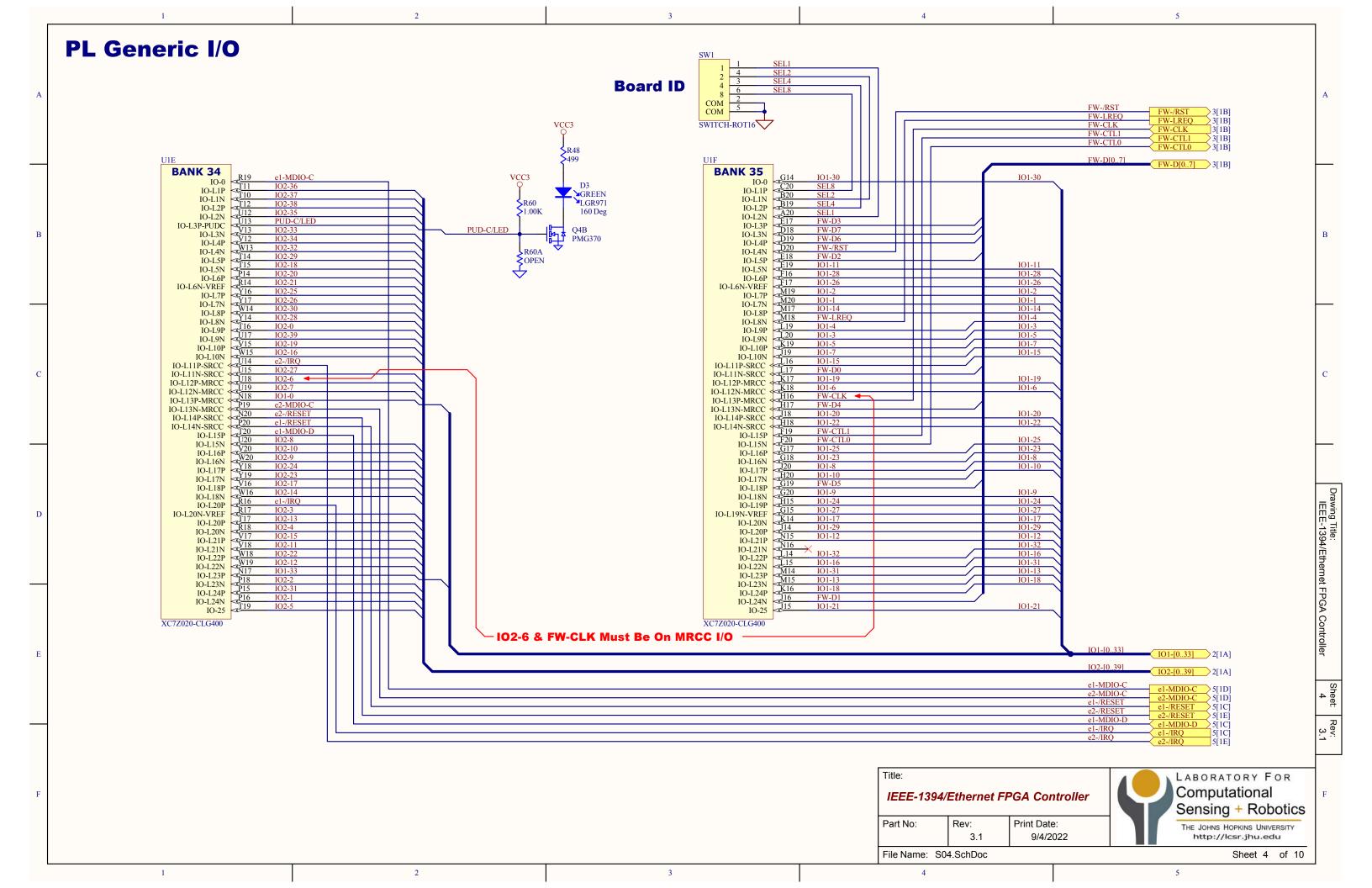


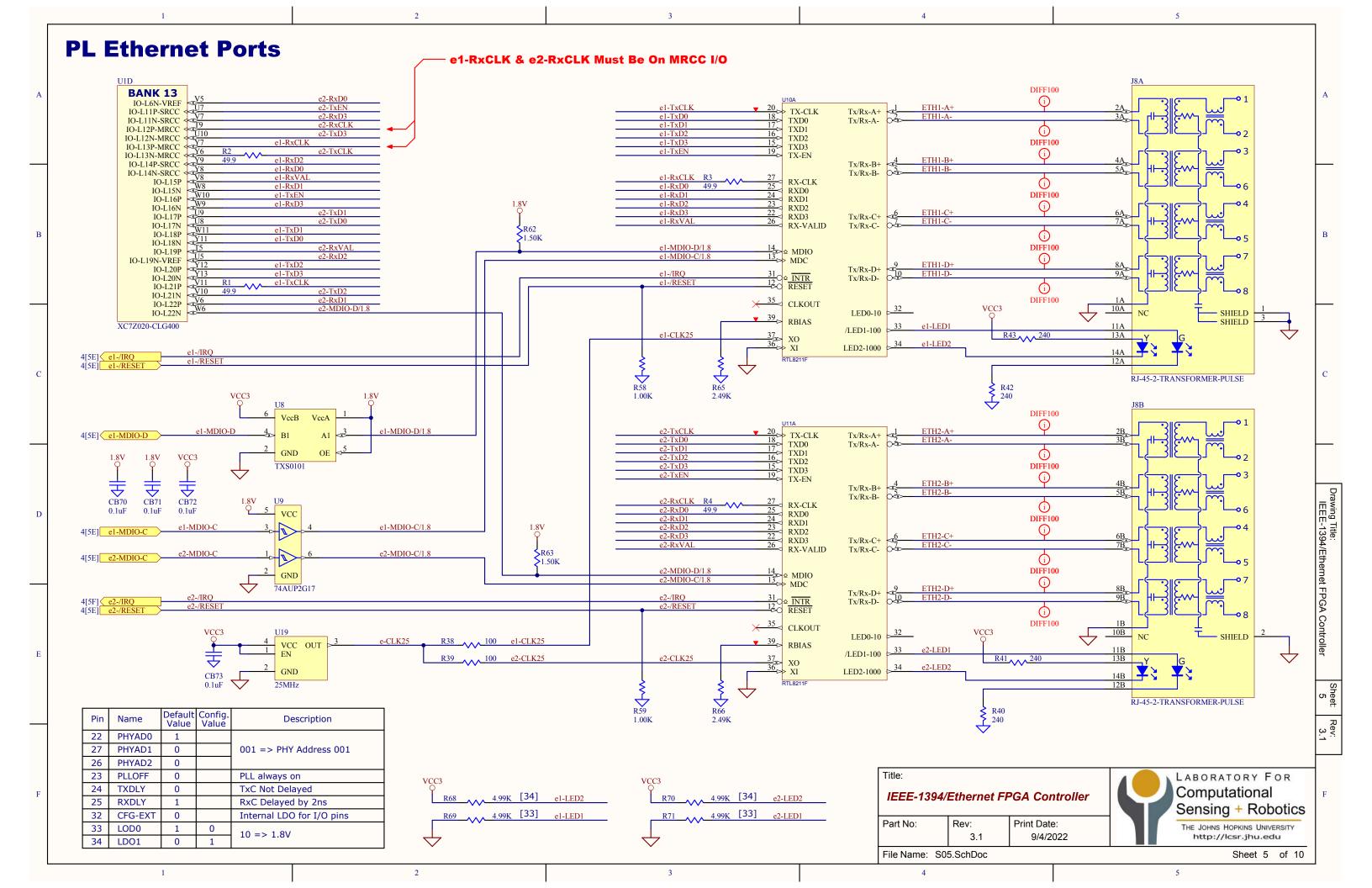
Sheet 1 of 10

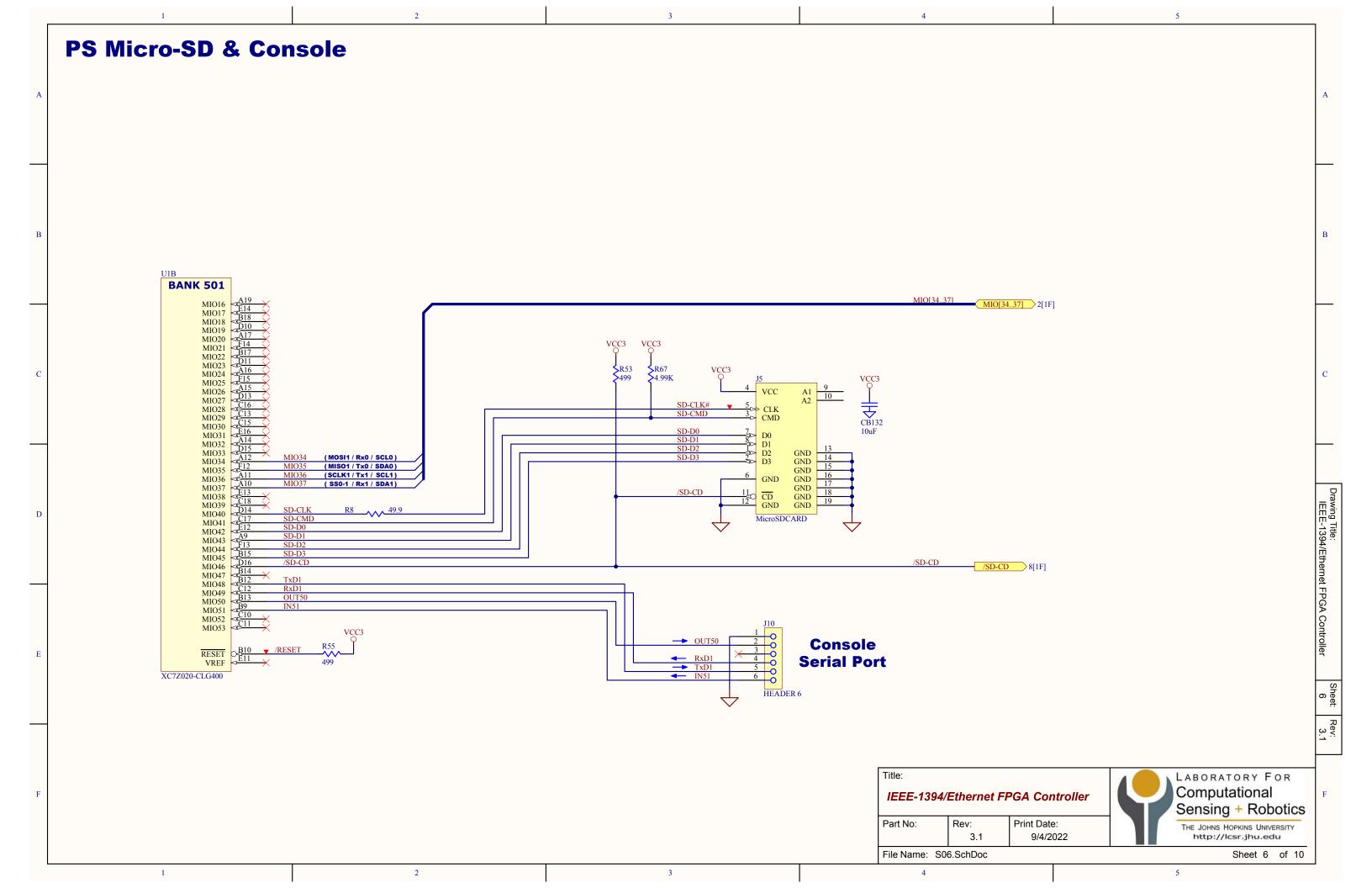
Drawing Title:
IEEE-1394/Ethernet FPGA Controller

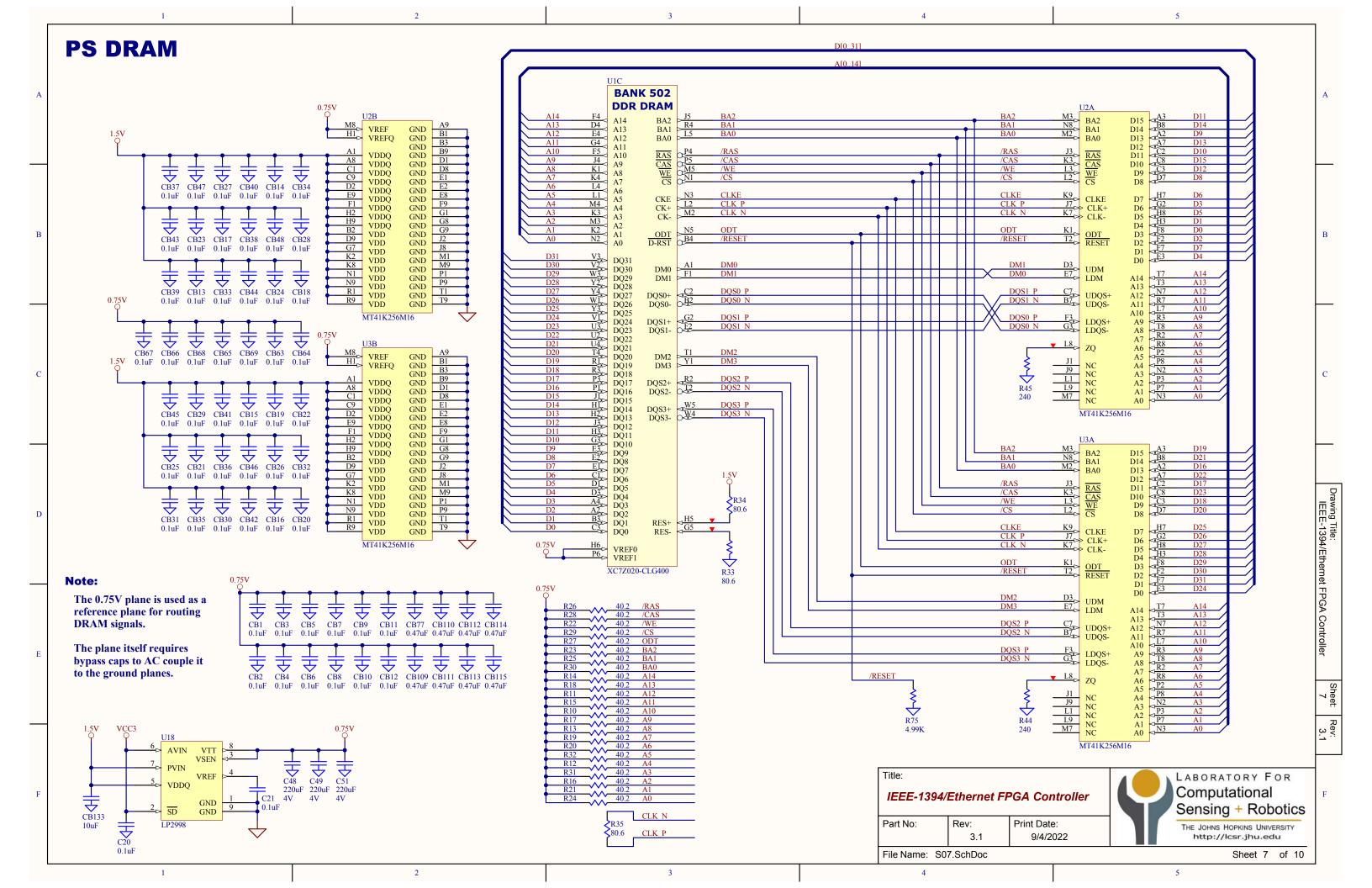


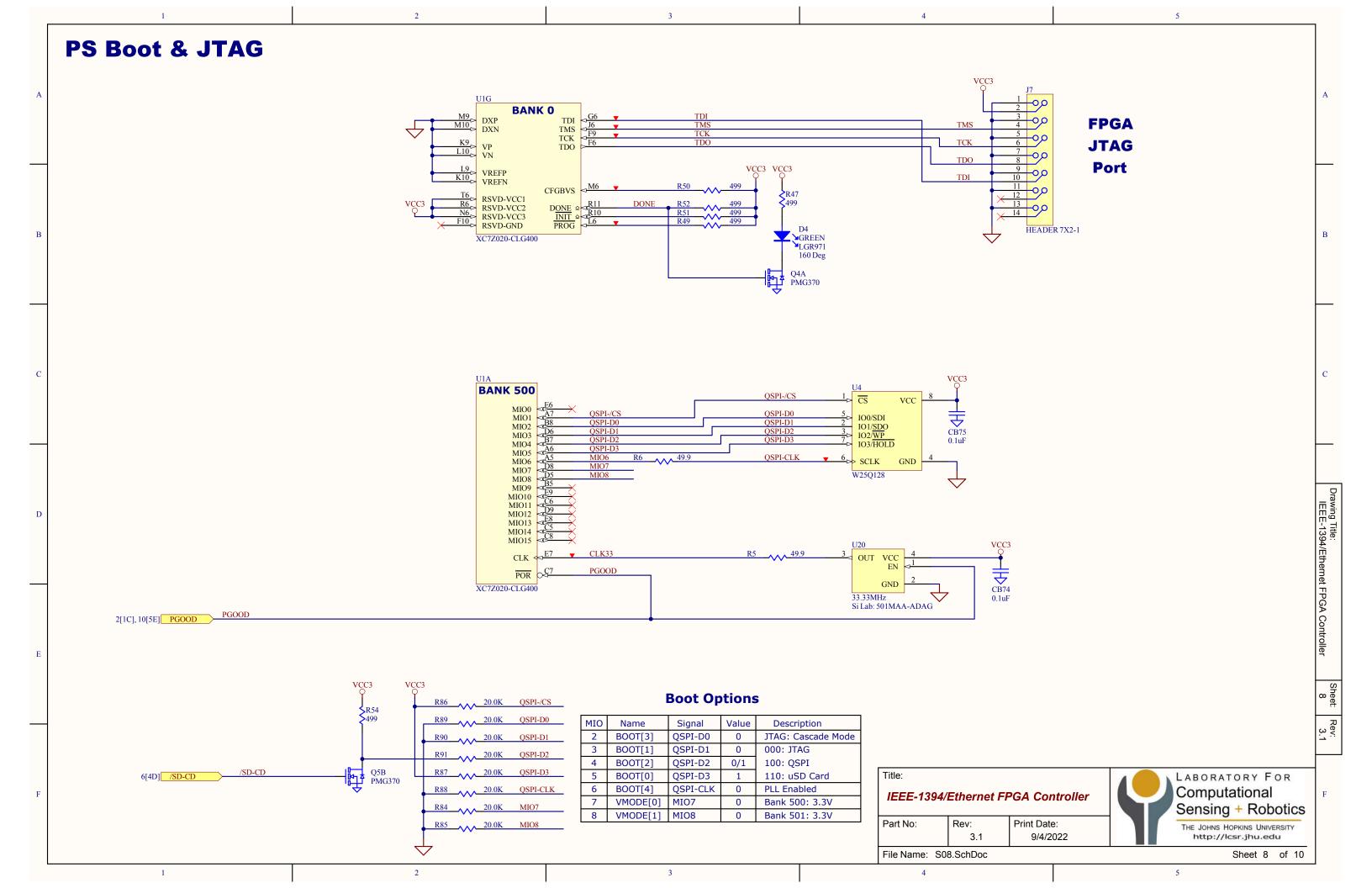




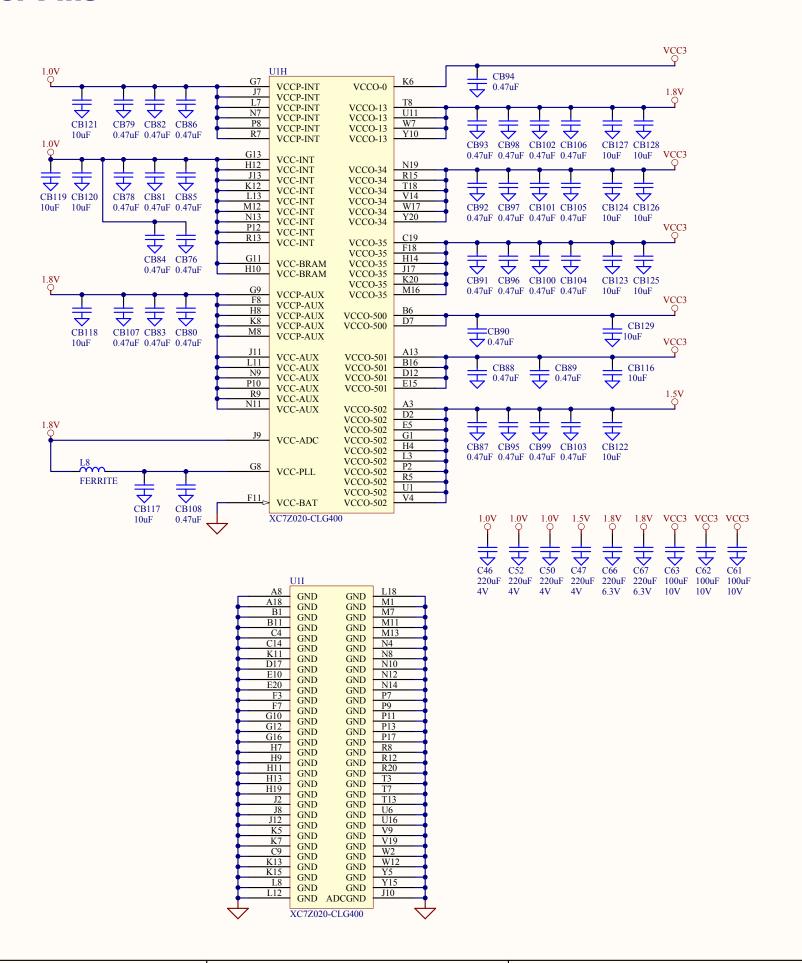


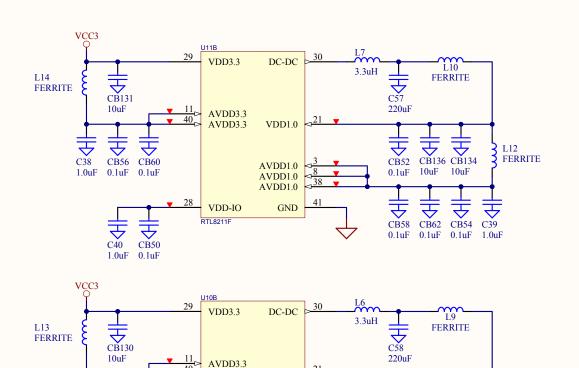






Power Pins





VDD1.0

AVDD1.0 AVDD1.0

GND

 \triangle

AVDD1.0

AVDD3.3

VDD-IO

CB55

0.1uF

C37

1.0uF

CB59

CB49

0.1uF

C35



CB51 CB135 CB140

CB57 CB61 CB53

 $0.1 uF \quad 0.1 uF \quad 0.1 uF$

10uF

C36

0.1uF 10uF

FERRITE

Drawing Title:
IEEE-1394/Ethernet FPGA Controller

