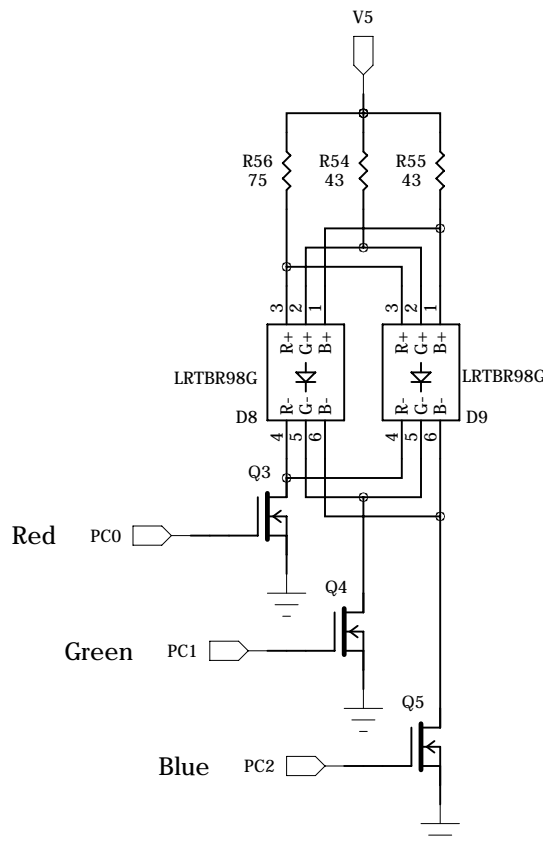
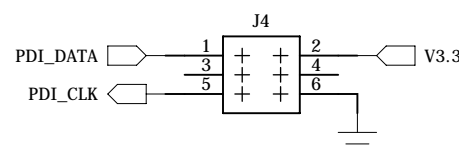


REVISION RECORD			
LTR	ECO NO.	APPROVED:	DATE:

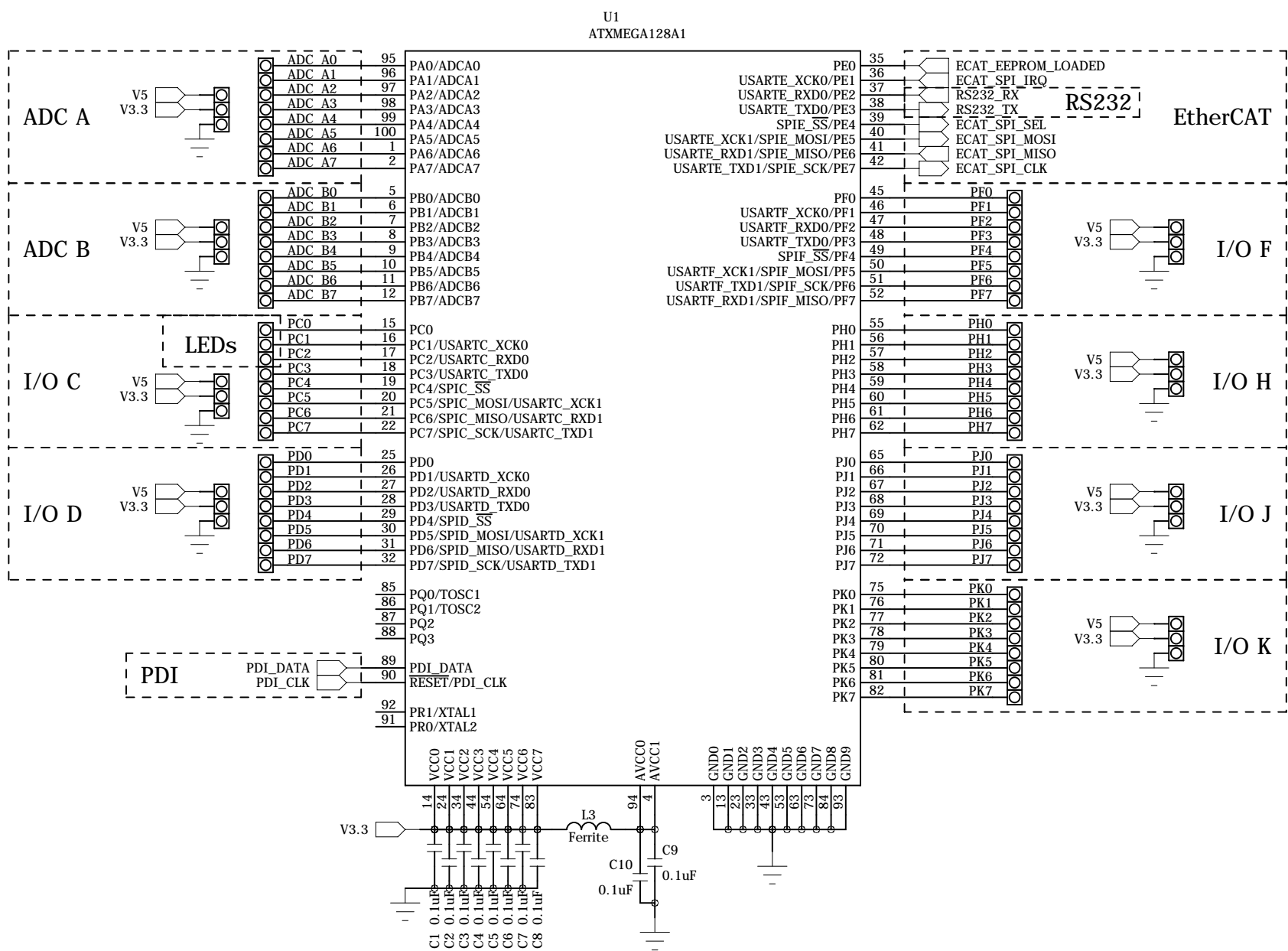
RGB Indicator LEDs



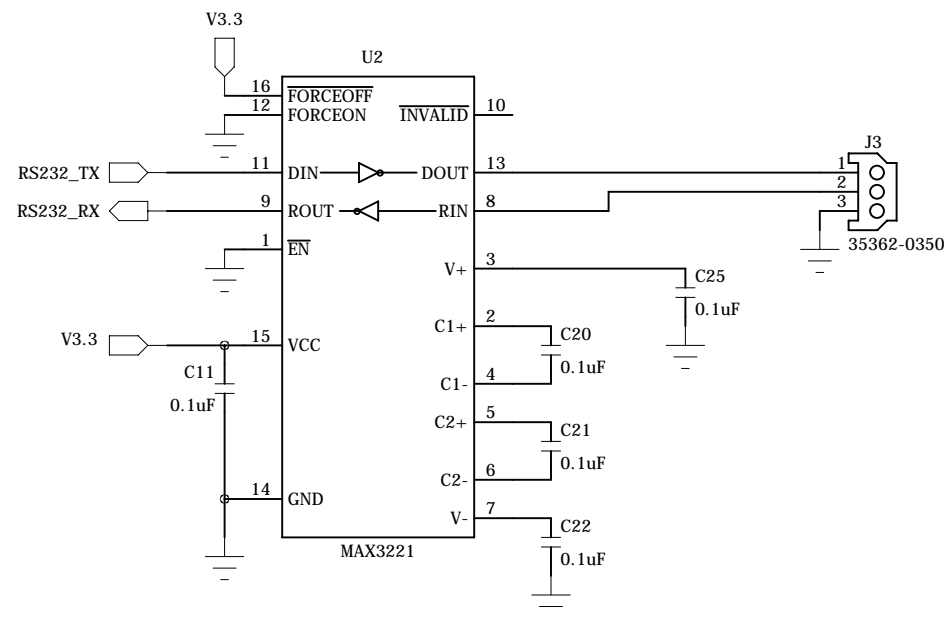
Programming Interface
xMega



xMega



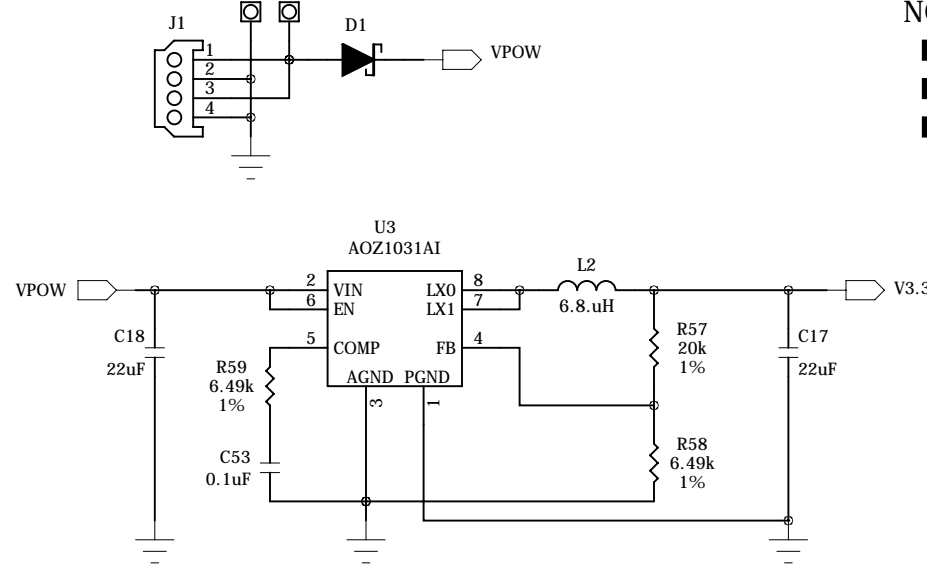
RS-232 Interface



Power Subsystem

(verify this)

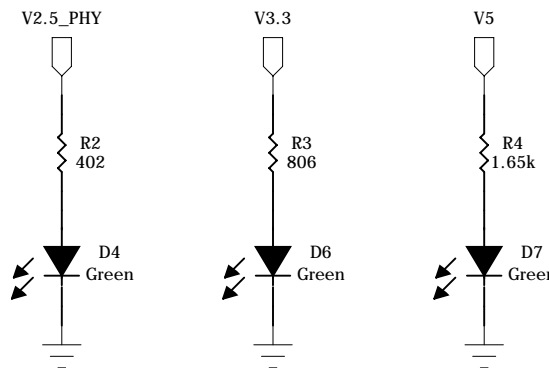
■ 6V-18V



NOTES:

- Max 3A continuous current for 3.3v and 5v supply
- Max 500mA continuous current for 2.5v supply
- Max 1A pulsed current for 2.5v supply

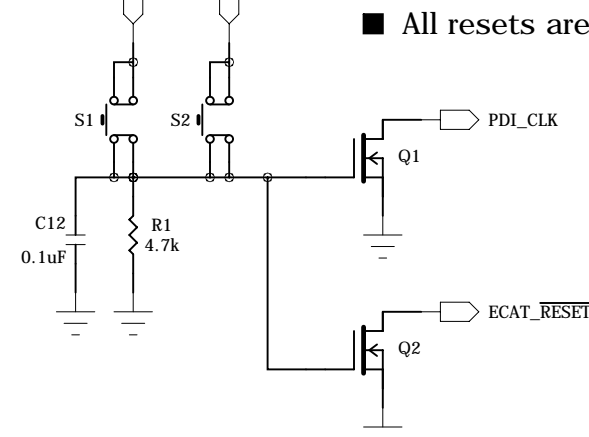
Power Indicators



System Reset

NOTES:

- All resets are internally pulled up



COMPANY: Oregon State University

TITLE: Medulla.1.5

SIZE: D

DRAWING NO: 1

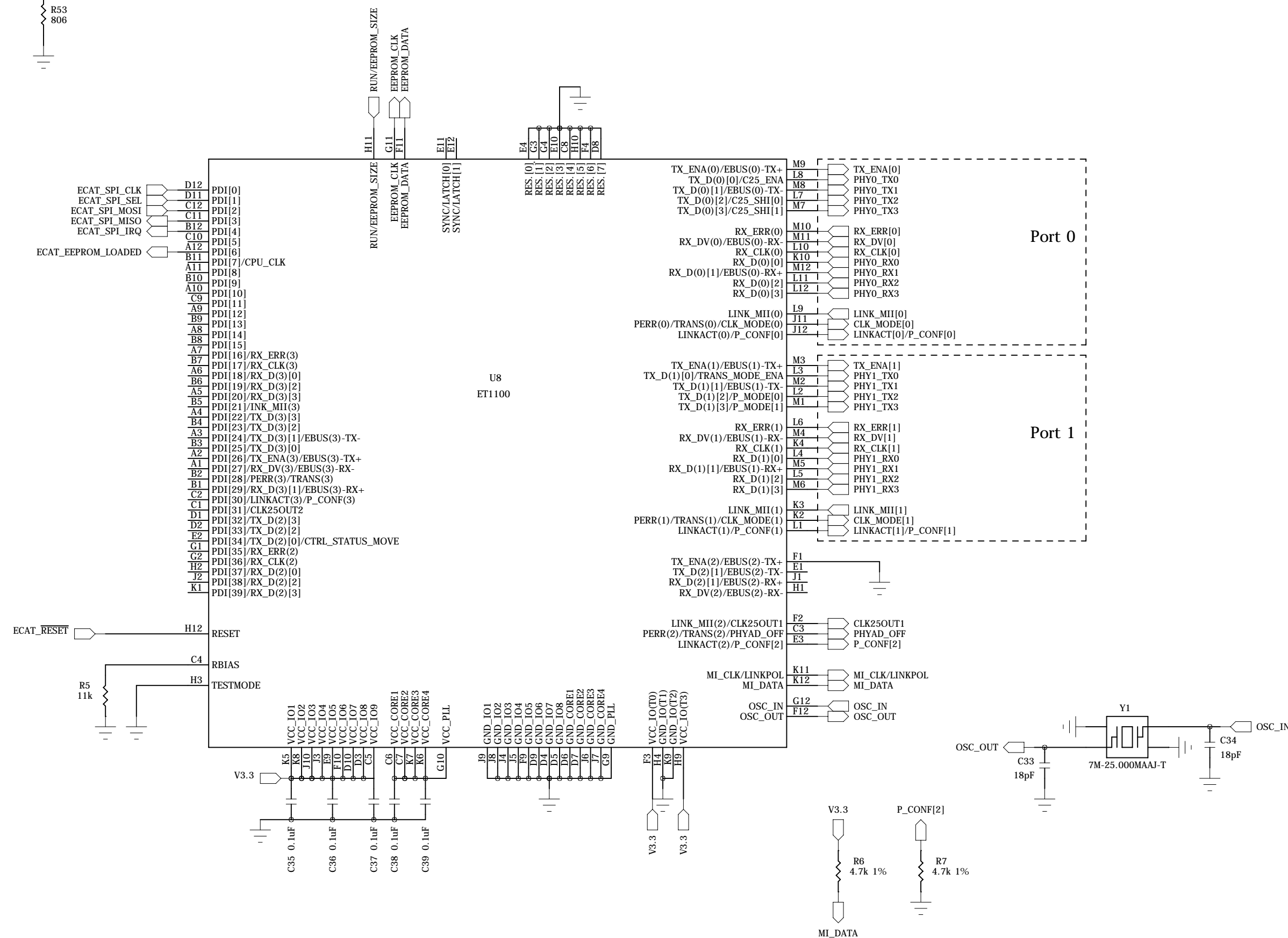
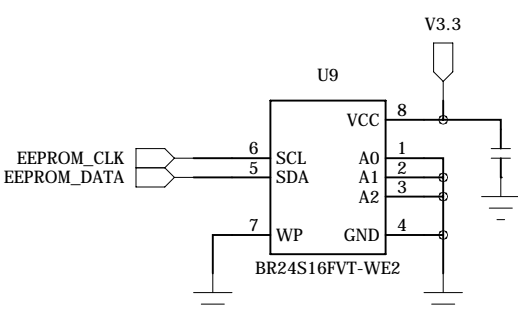
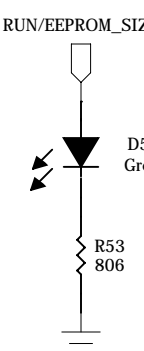
REV: 0

SCALE:

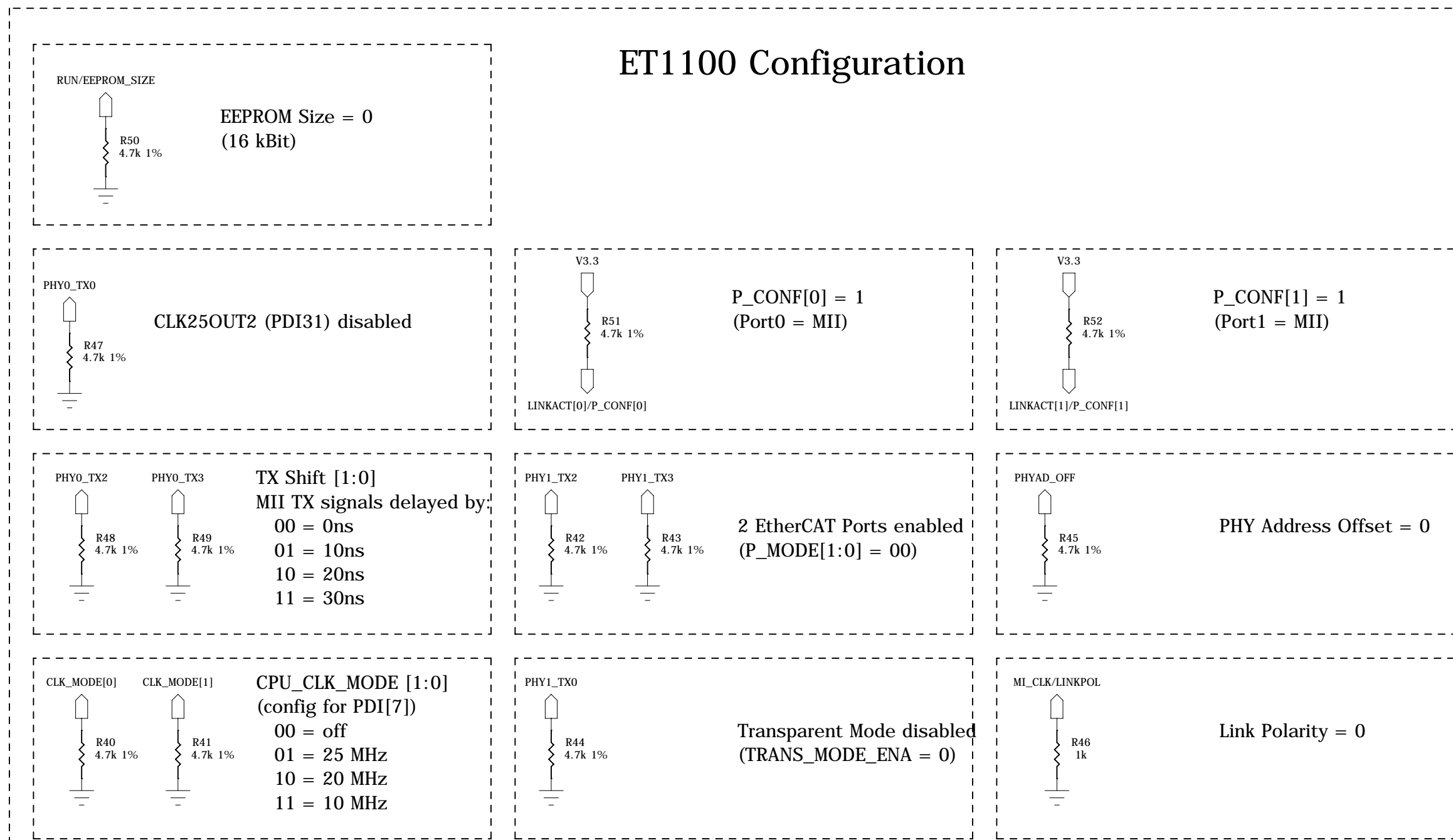
SHEET: 1 of 2

REVISION RECORD			
LTR	ECO NO.	APPROVED:	DATE:

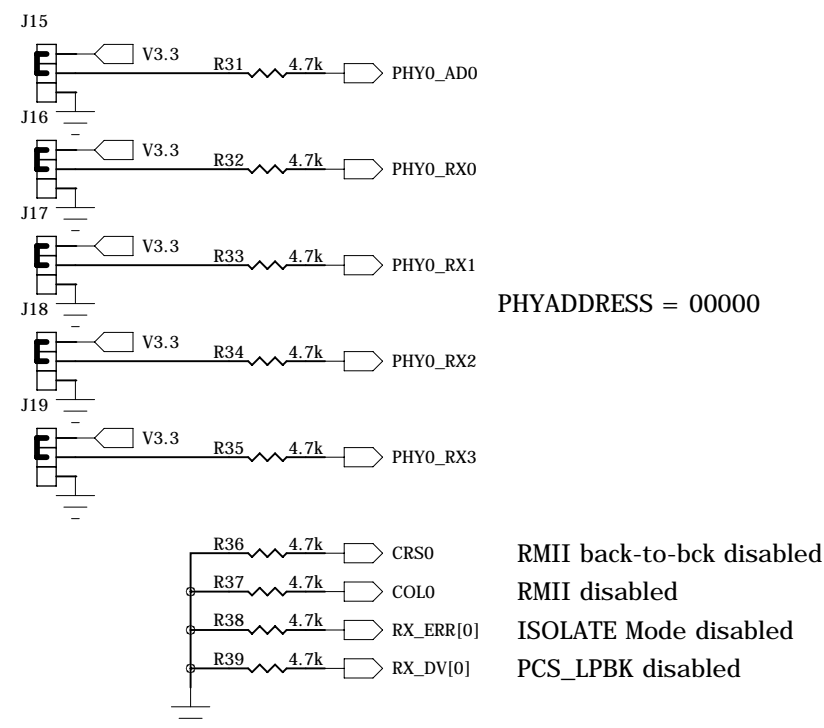
RUN-LED



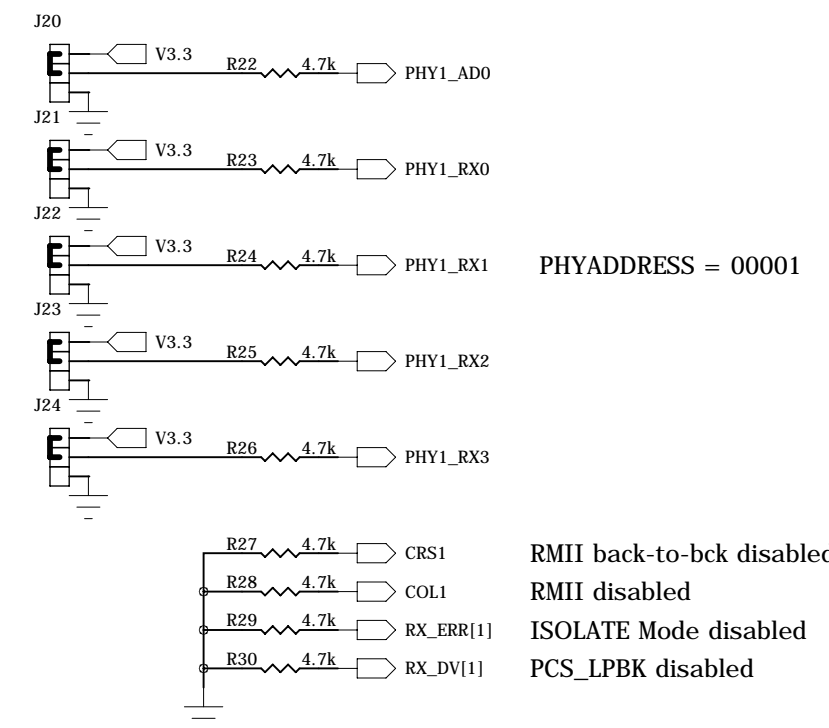
ET1100 Configuration



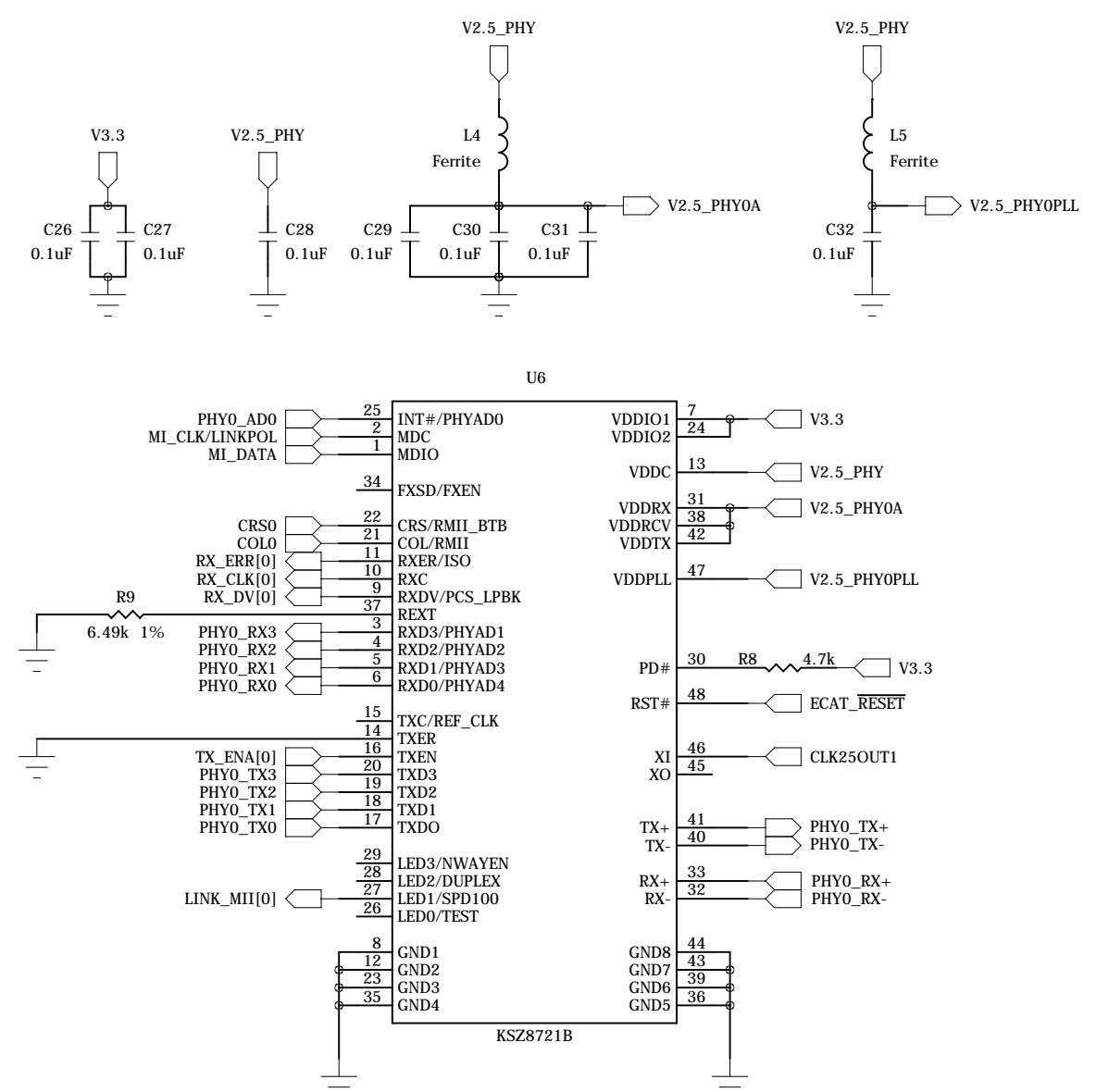
Port 0 Configuration



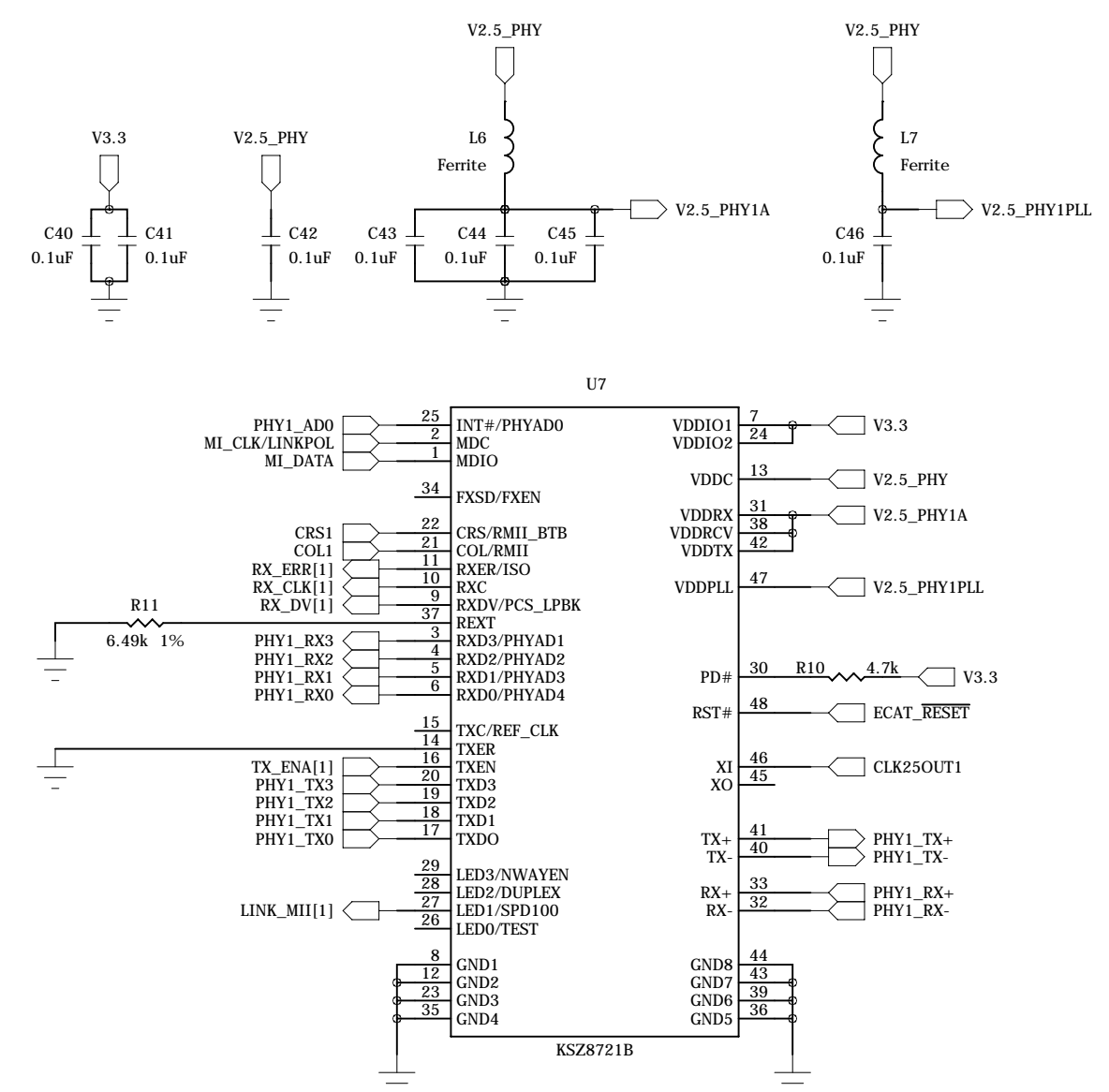
Port 1 Configuration



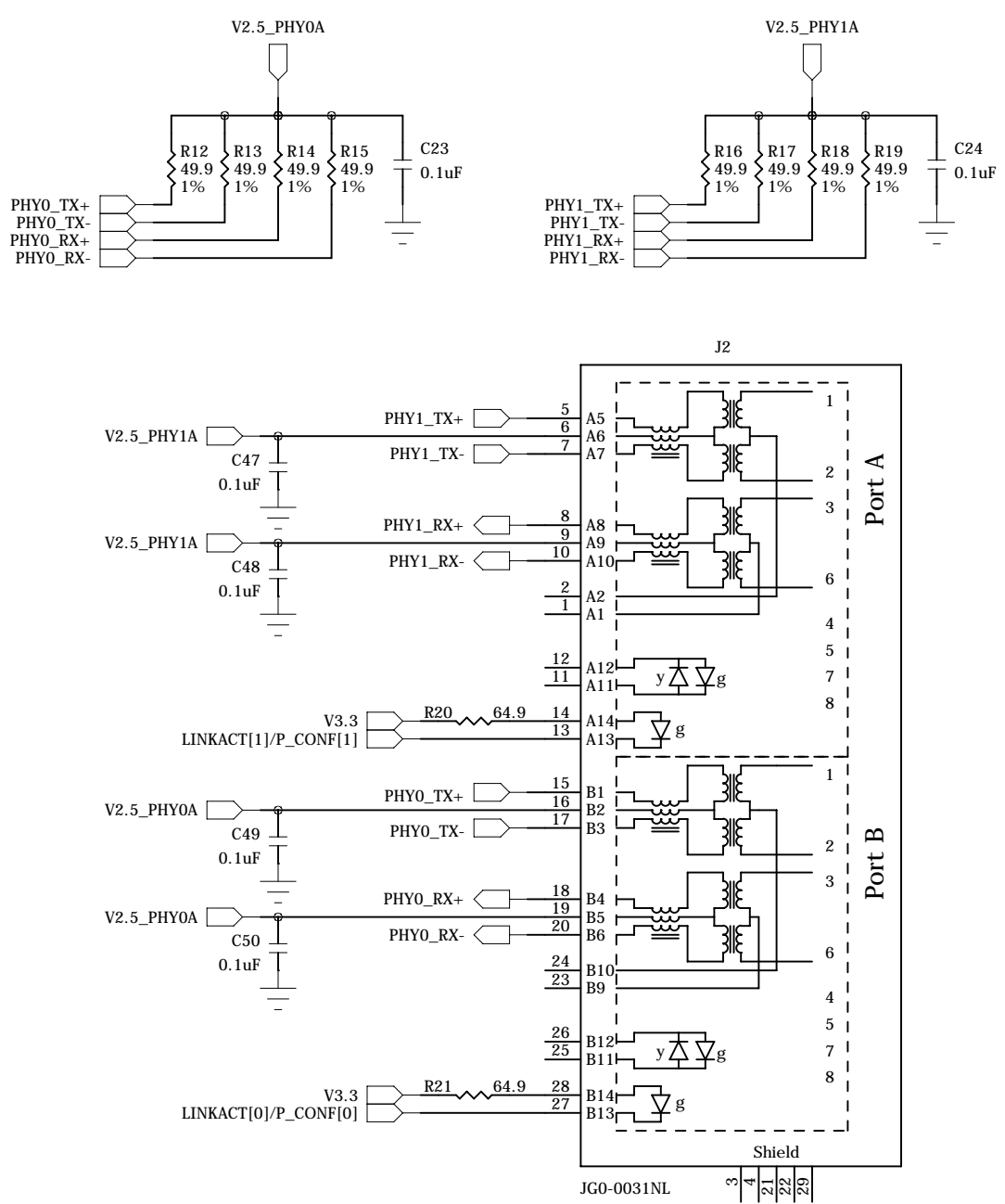
Port 0 Tranceiver



Port 1 Tranceiver



Dual RJ45 connectors



NOTES:
■ Ethernet Jack ground should be isolated

COMPANY: Oregon State University

TITLE: Medulla.1.5

DRAWN: Kevin Kemper

DATED: 6/15/2011

SIZE: D

DRAWING NO: 1

REV: 0

SCALE: <Scale>

SHEET: 2 OF 2