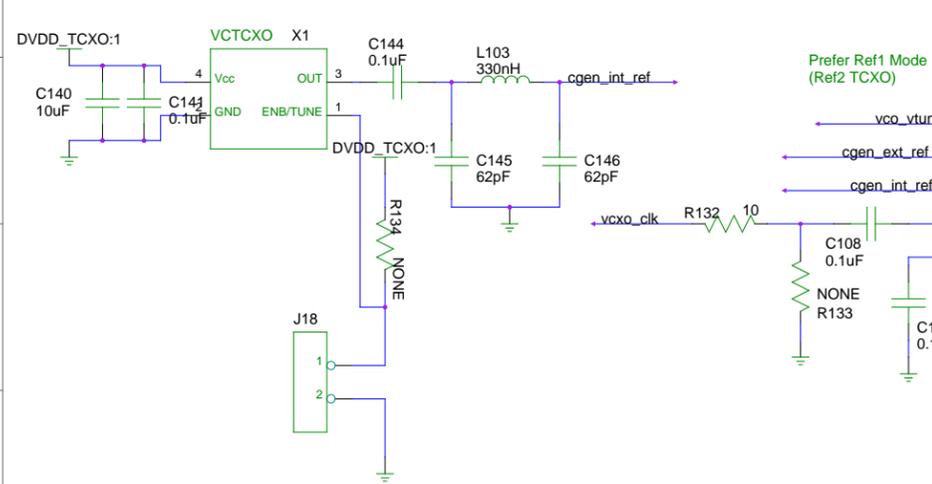
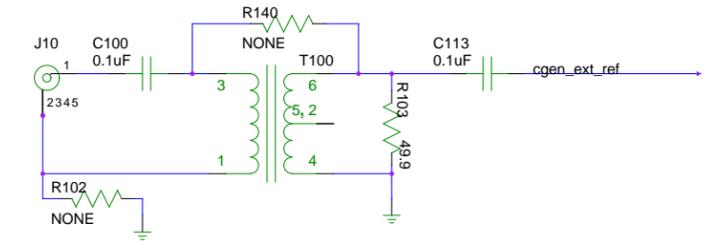


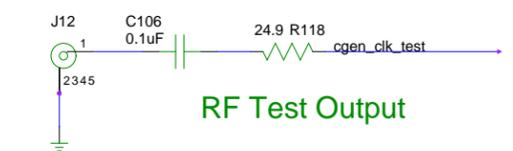
### TCXO Internal Reference



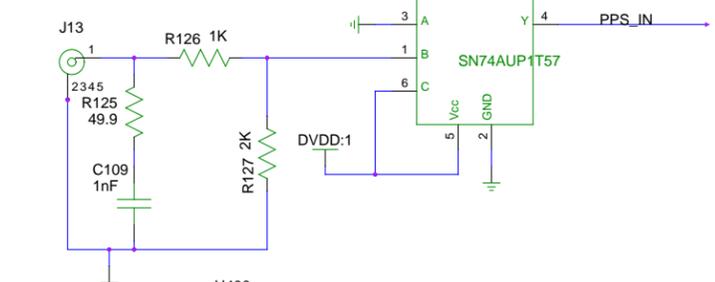
### 10MHz External Reference



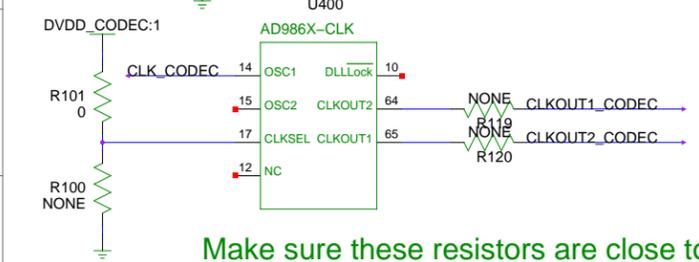
### RF Test Output



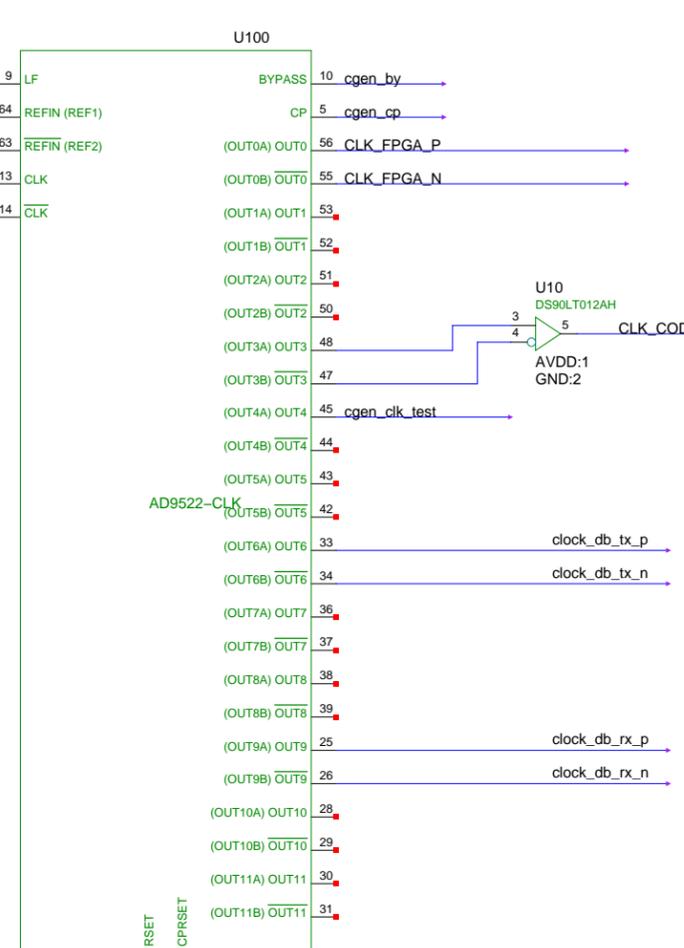
### PPS Input



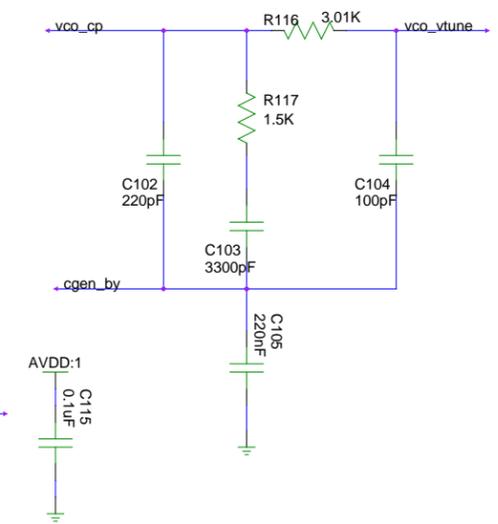
Make sure these resistors are close to U400



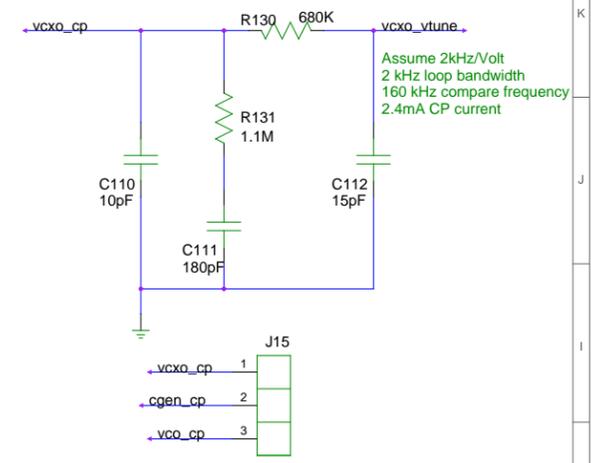
Prefer Ref1 Mode (Ref2 TCXO)



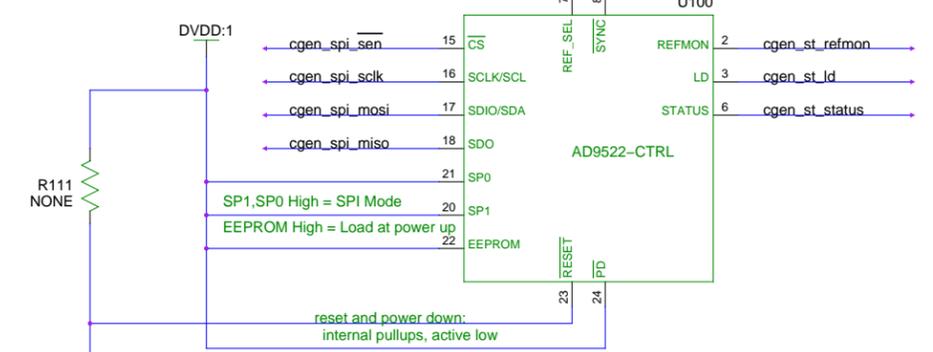
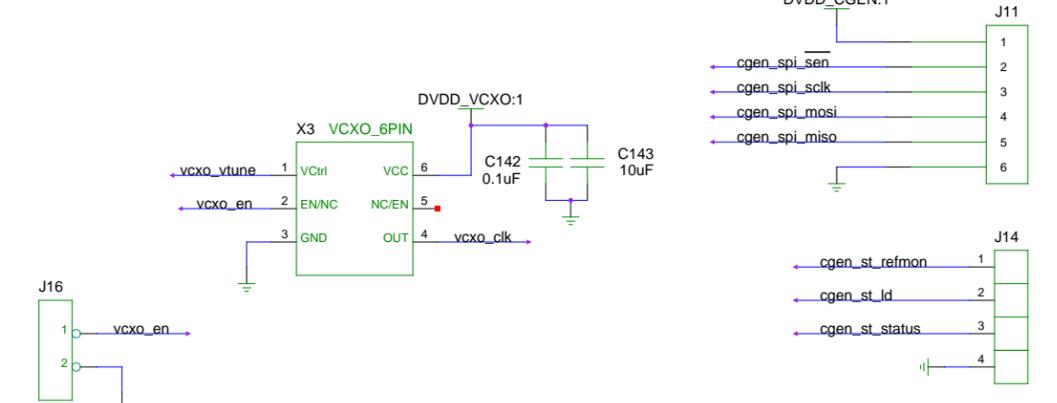
### loop filter for internal VCO

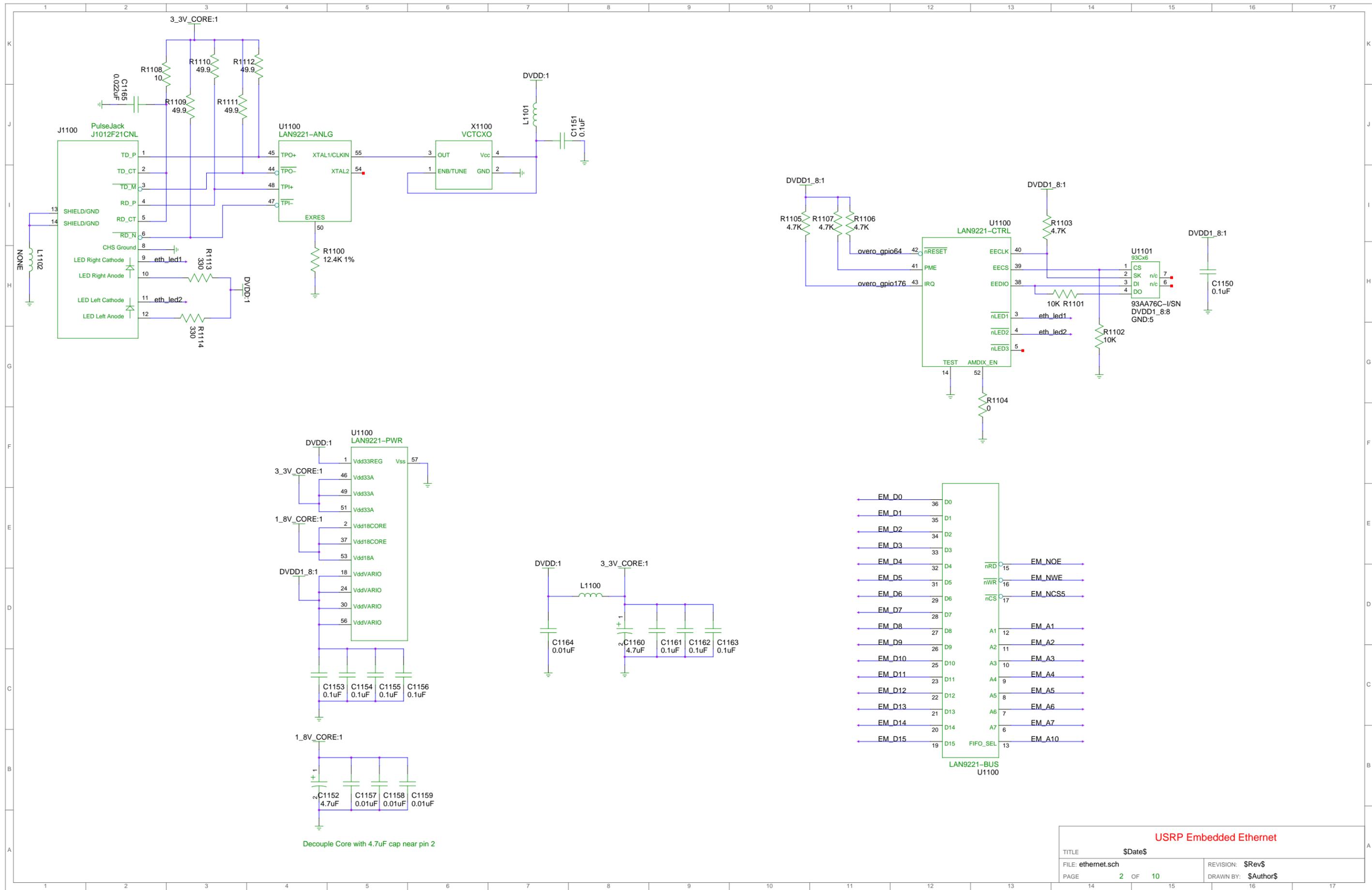


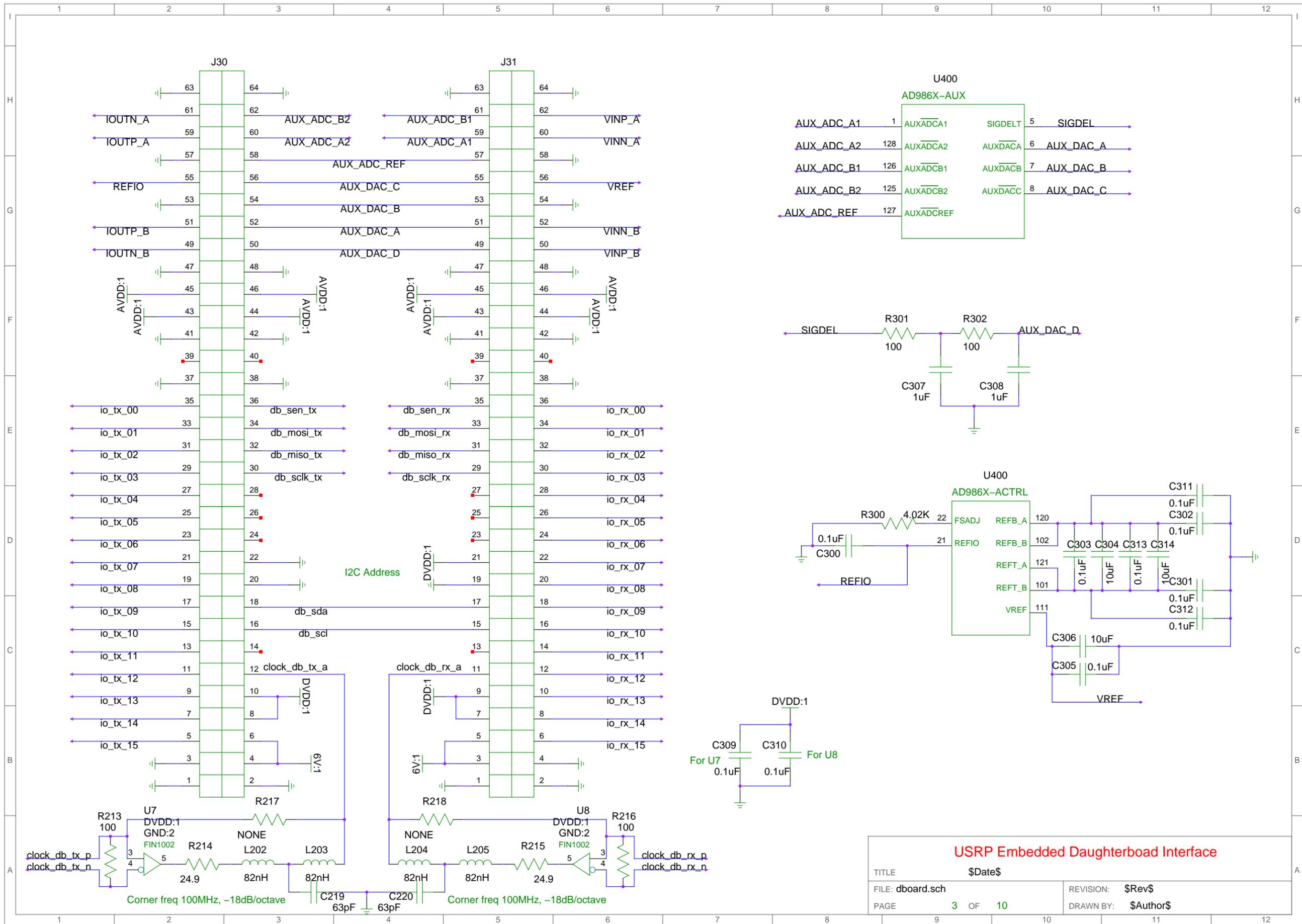
### loop filter for VCXO



### CGEN SPI Header

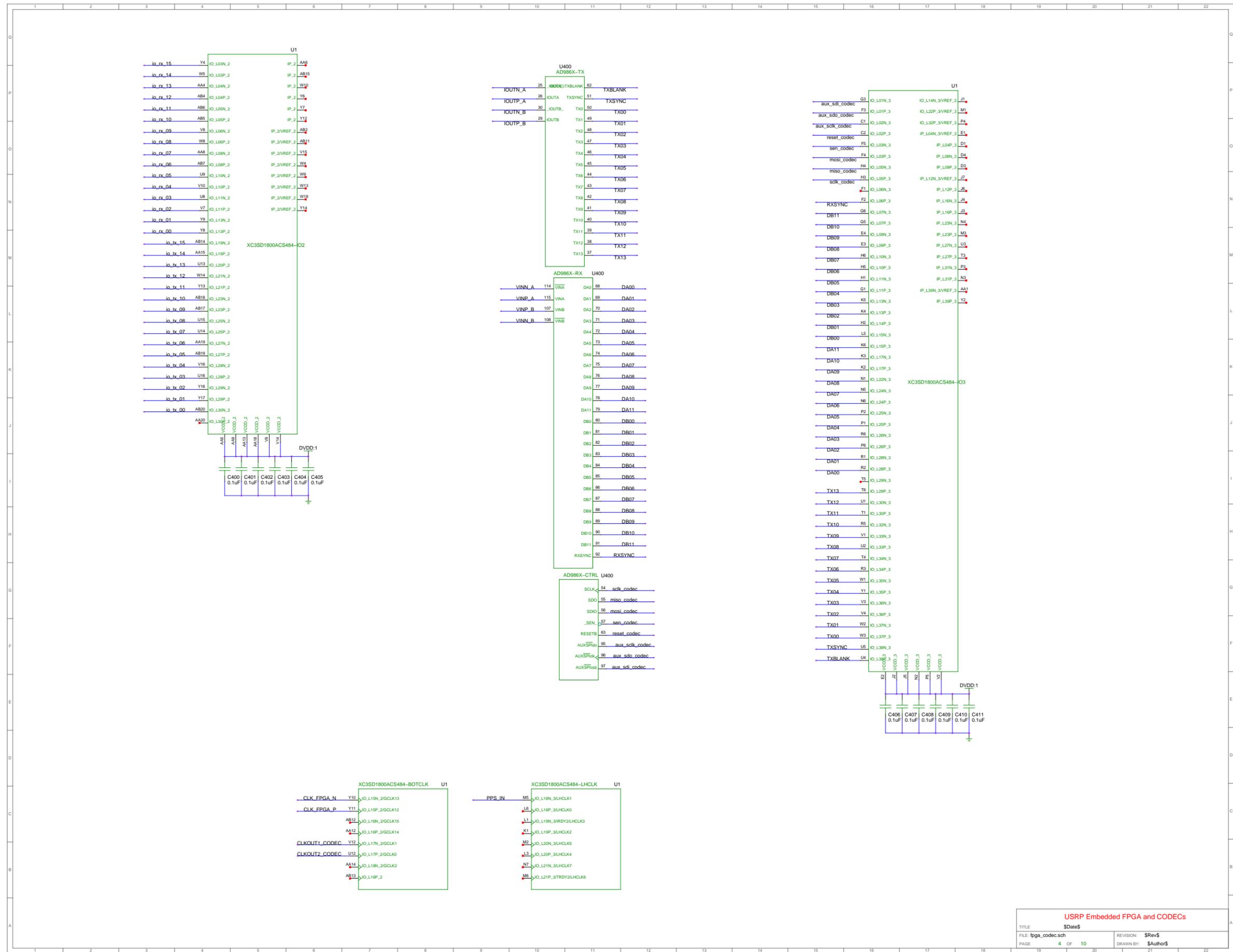




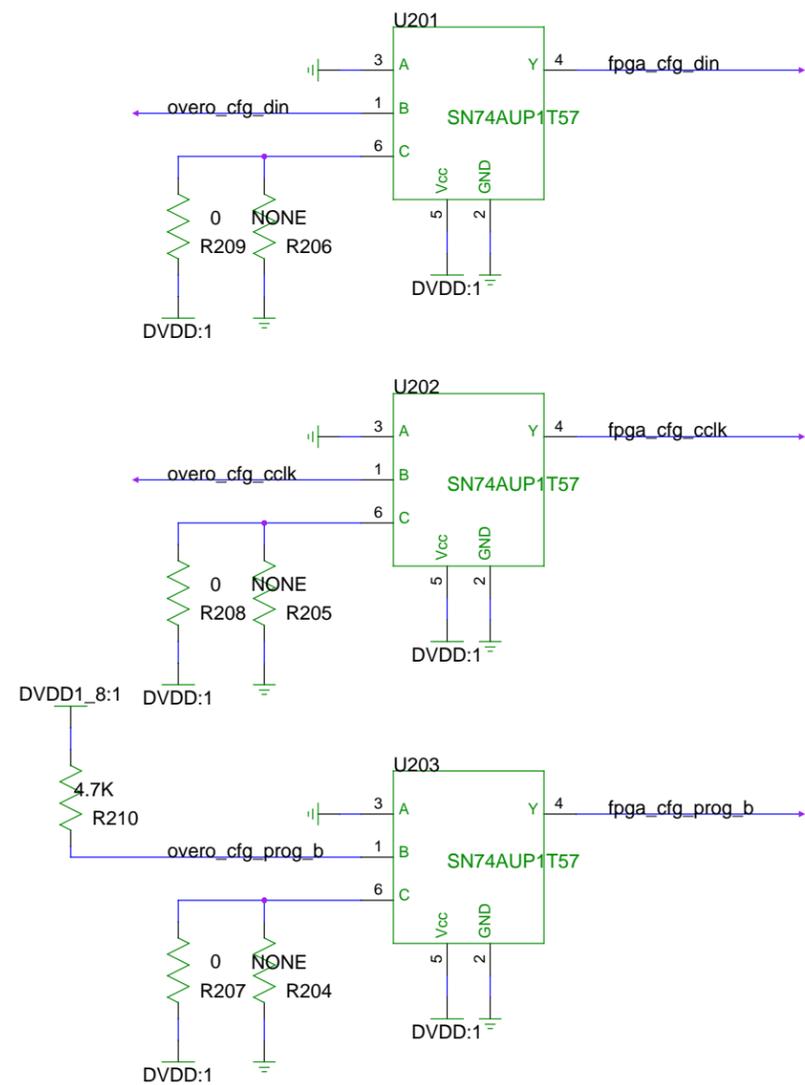


**USRP Embedded Daughterboard Interface**

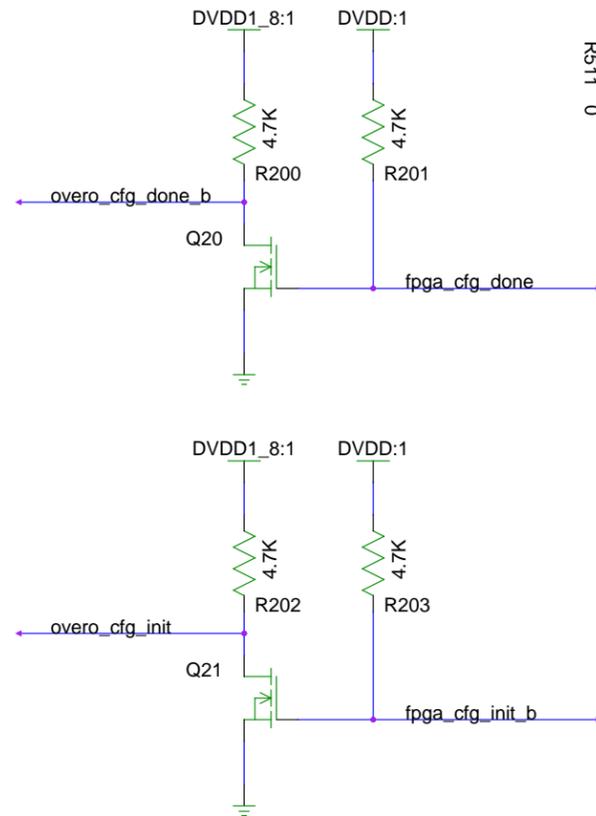
TITLE	\$Date\$	
FILE: dboard.sch	PAGE	3 OF 10
REVISION: \$Rev\$	DRAWN BY: \$Author\$	



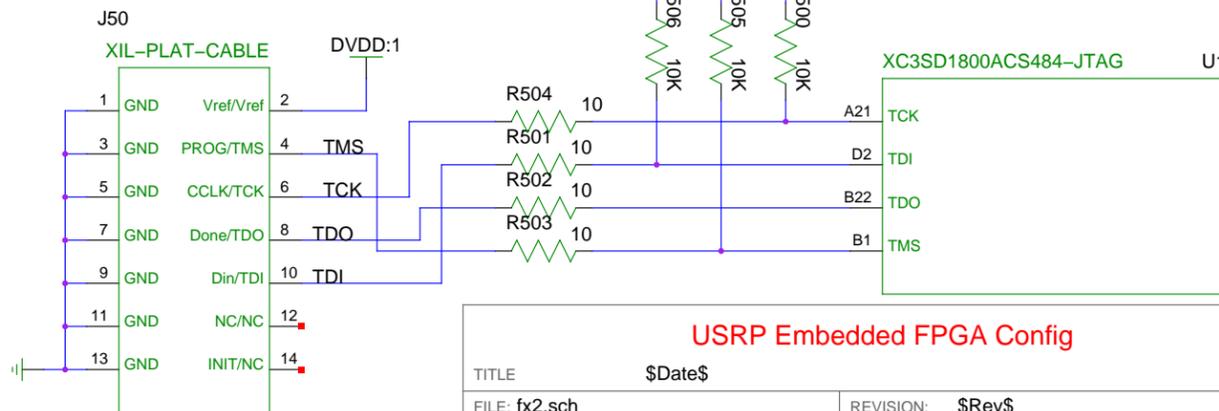
### convert fpga config inputs



### convert fpga config outputs

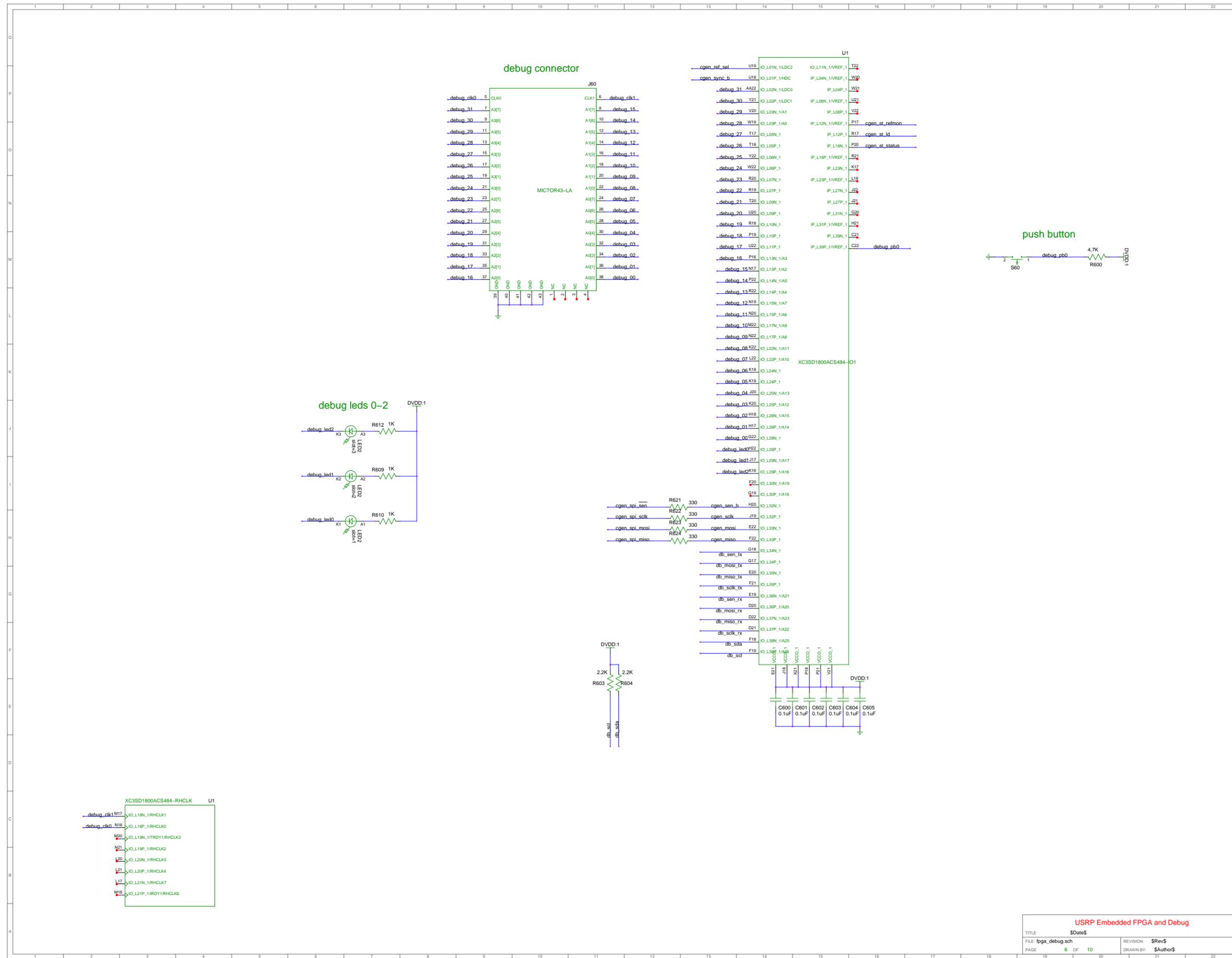


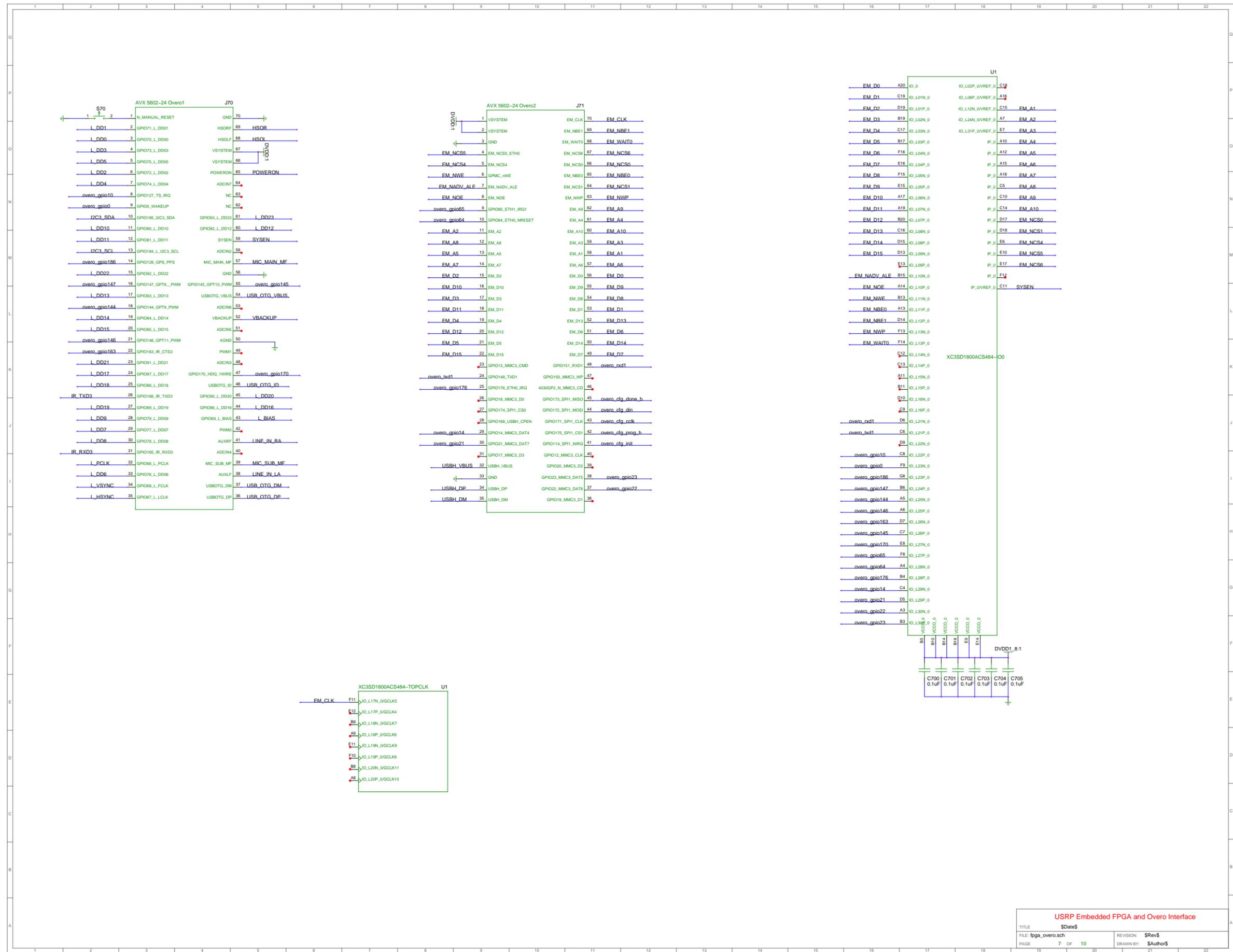
pullups enabled  
m[0:2] = 1  
serial slave

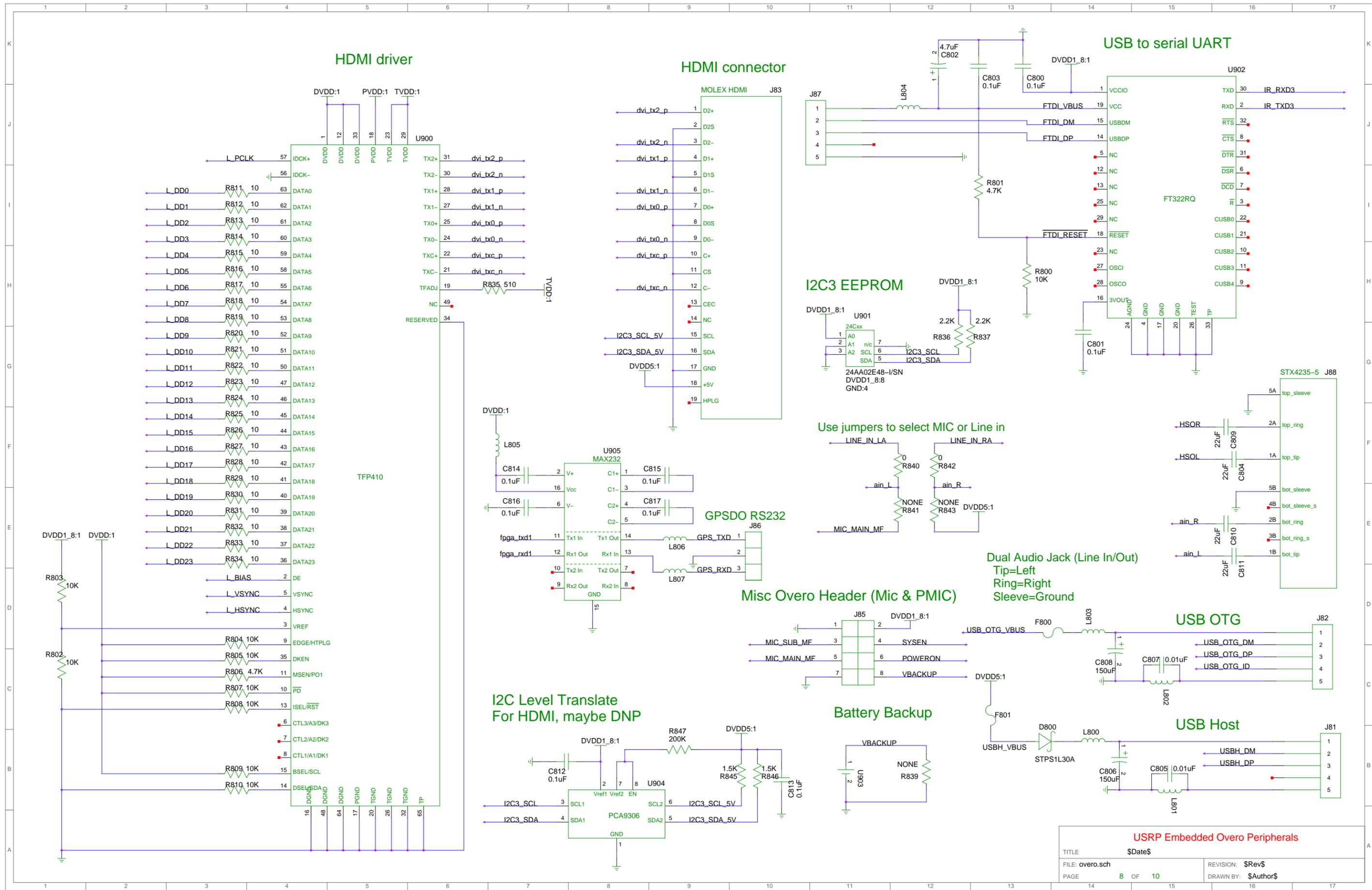


### USRP Embedded FPGA Config

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PAGE	5 OF 10	DRAWN BY: \$Author\$







### HDMI driver

### HDMI connector

### USB to serial UART

### I2C EEPROM

### Use jumpers to select MIC or Line in

### Dual Audio Jack (Line In/Out) Tip=Left Ring=Right Sleeve=Ground

### Misc Overo Header (Mic & PMIC)

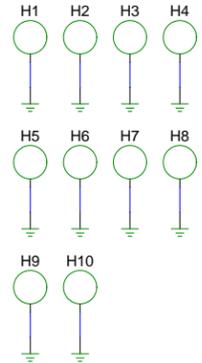
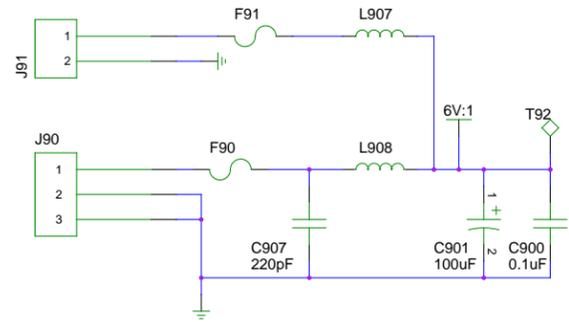
### Battery Backup

### I2C Level Translate For HDMI, maybe DNP

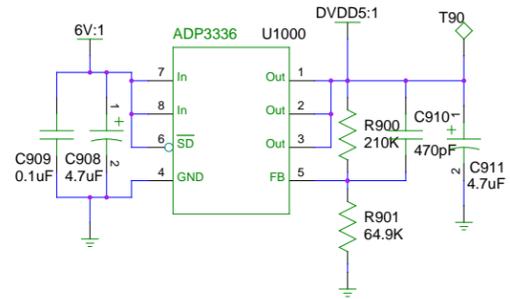
### USRPN Embedded Overo Peripherals

TITLE	\$Date\$	REVISION:	\$Rev\$
FILE:	overo.sch	DRAWN BY:	\$Author\$
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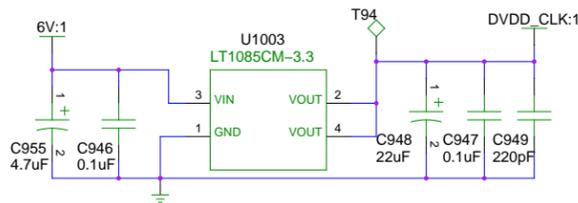
### power supply 6v



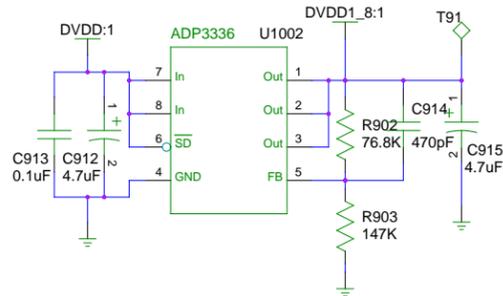
### usb host and hdmi connector 5v



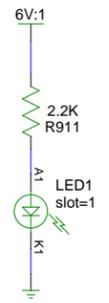
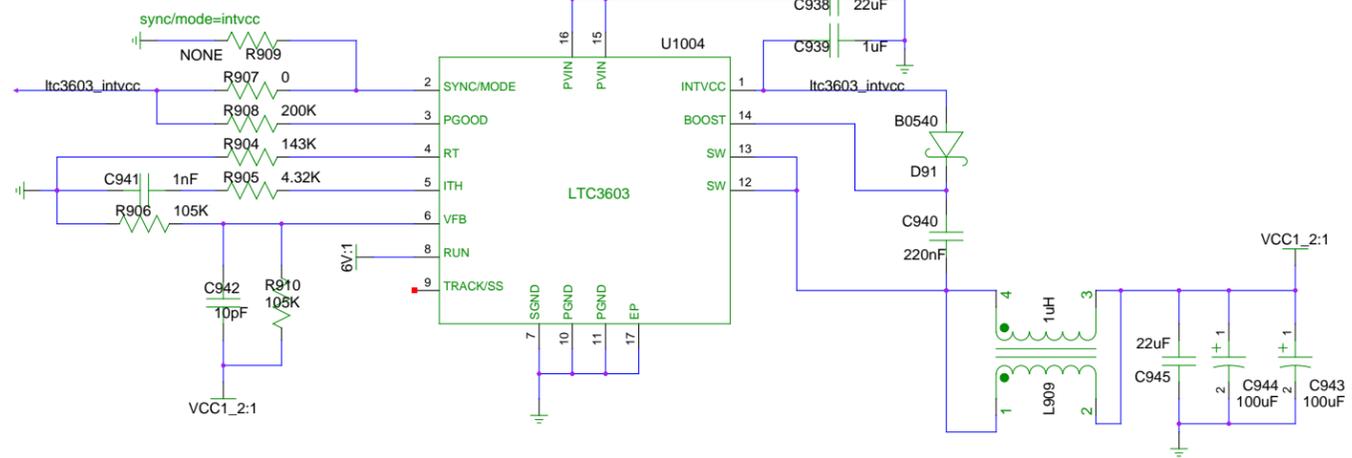
### clock 3.3v



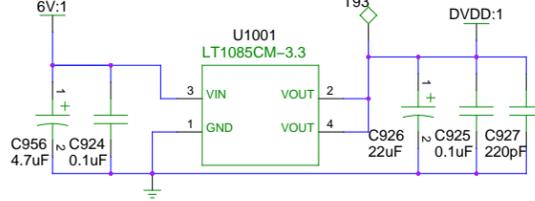
### overo gpio 1.8v



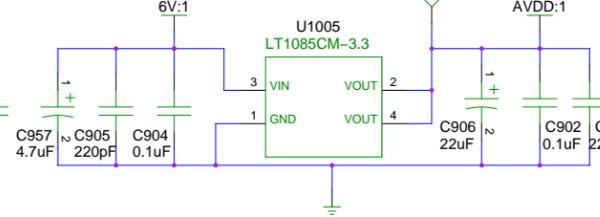
### fpga internal 1.2v



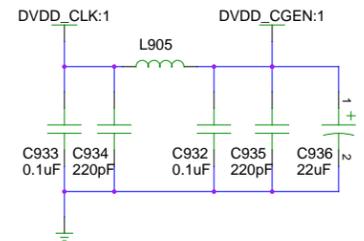
### digital 3.3v



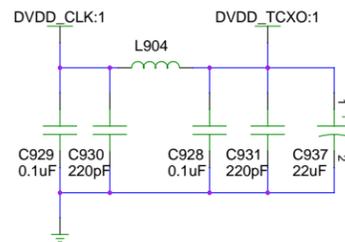
### analog 3.3v



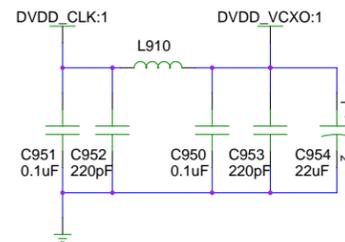
### clock gen 3.3v



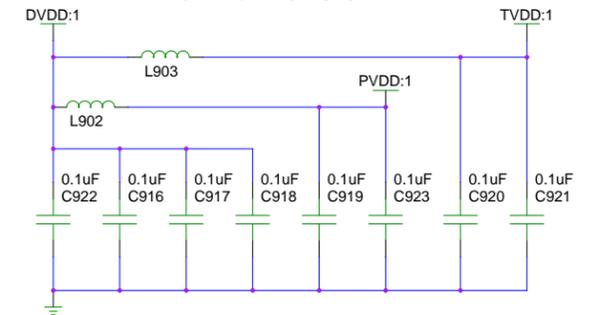
### tcxo 3.3v



### vcxo 3.3v



### hdmi driver 3.3v



### USRP Embedded Power Generation

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