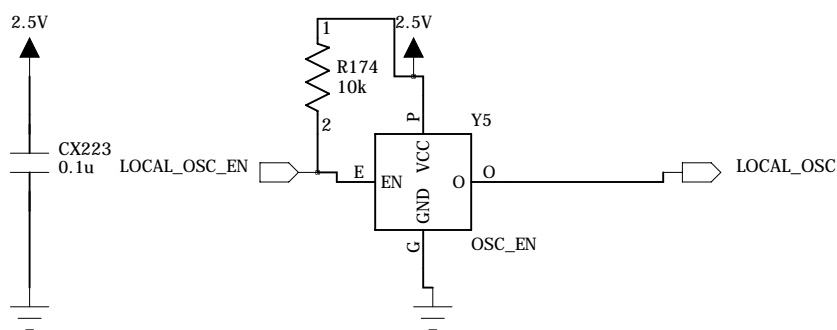
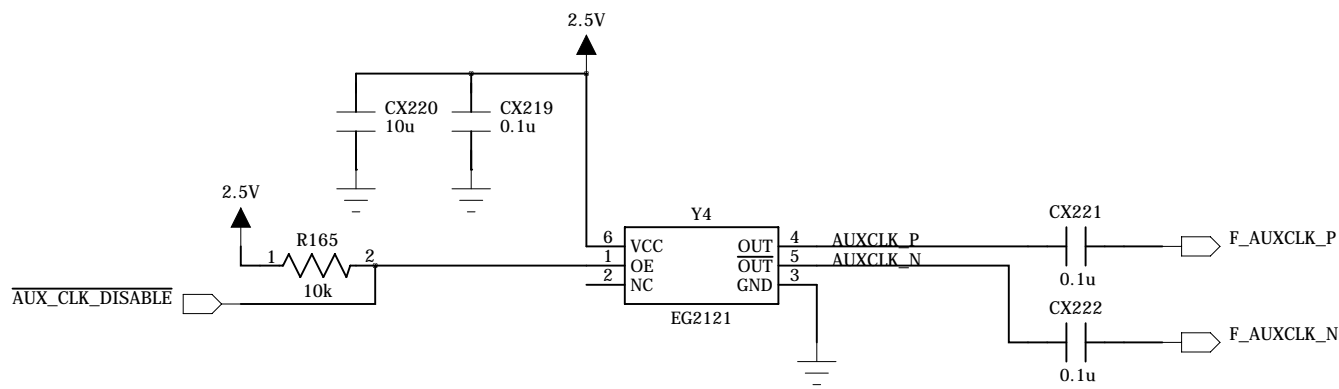




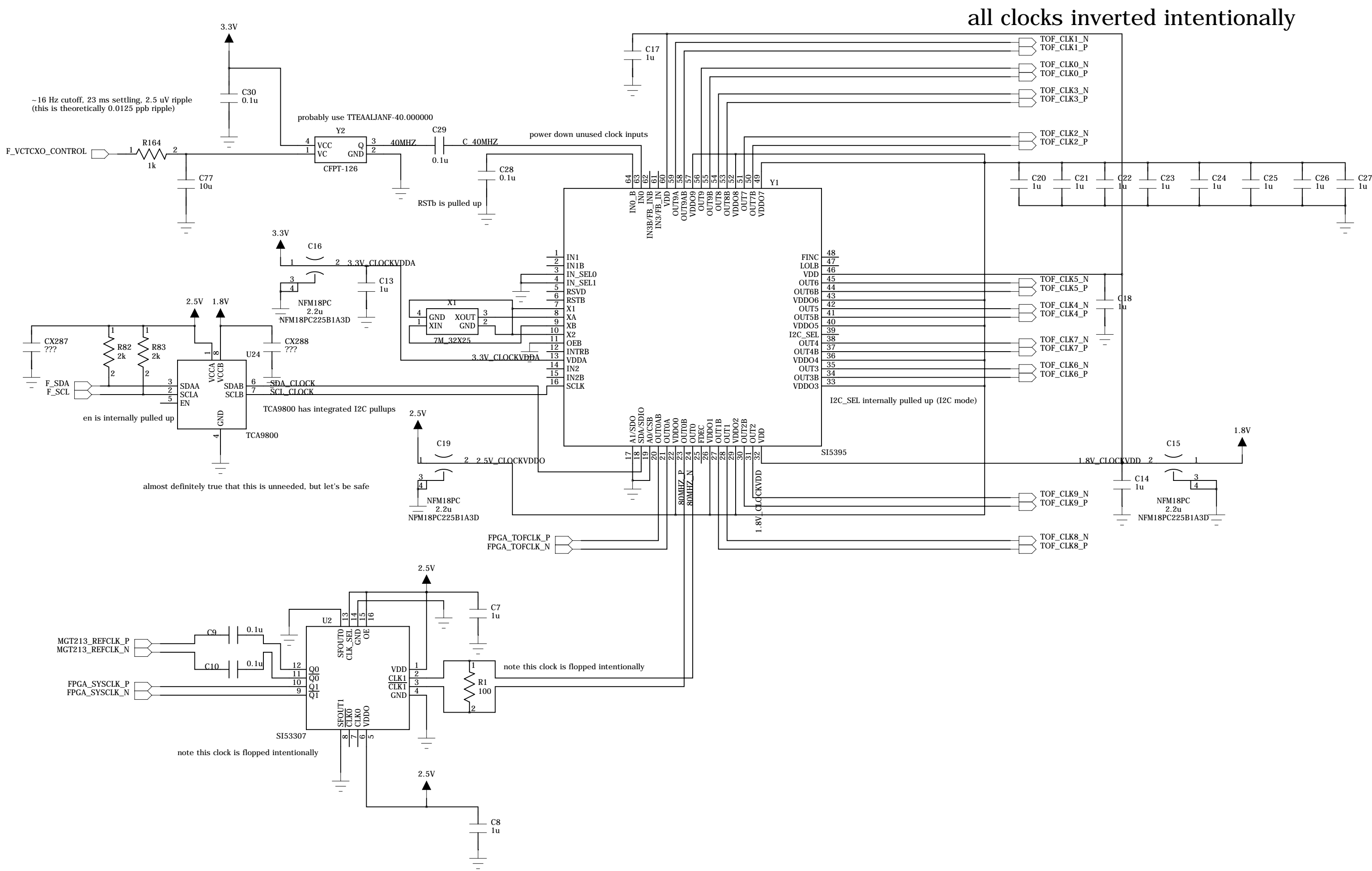
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



local 50 MHz oscillator



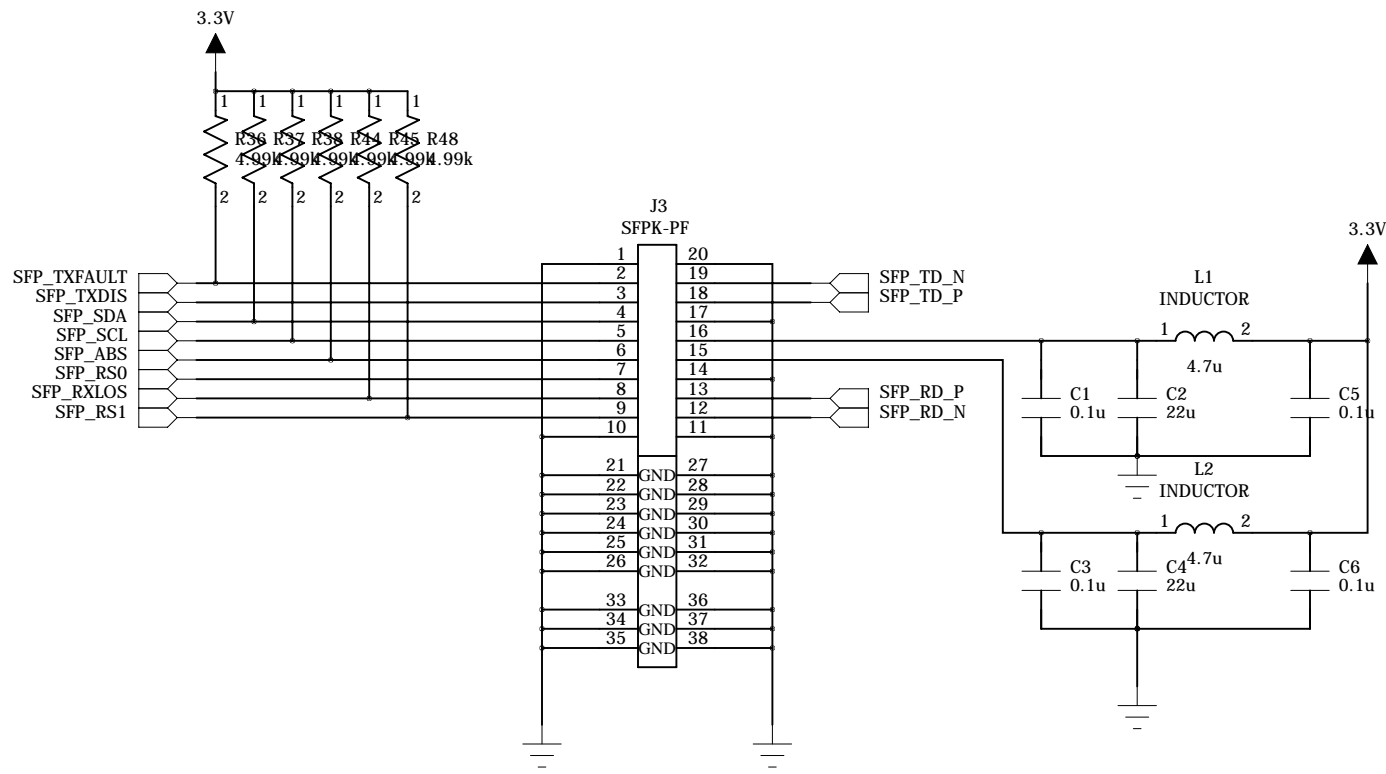
Auxiliary clock for PCIe testing



all clocks inverted intentionally

COMPANY:				Ohio State University						
TITLE:				HELIX Master Trigger [HELIX MTRIG]						
DRAWN:	PSA	DATED:	6/13/18	CODE:	SIZE:	SHEET:	REV:			
CHECKED:	<Checked By>	DATED:	<Checked Date>	D	CLOCK	1	1			
QUALITY CONTROL:	<QC By>	DATED:	<QC Date>							
RELEASED:	<Released By>	DATED:	<Release Date>							
SCALE: 1:1										
SHEET: 2 of 7				7						

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

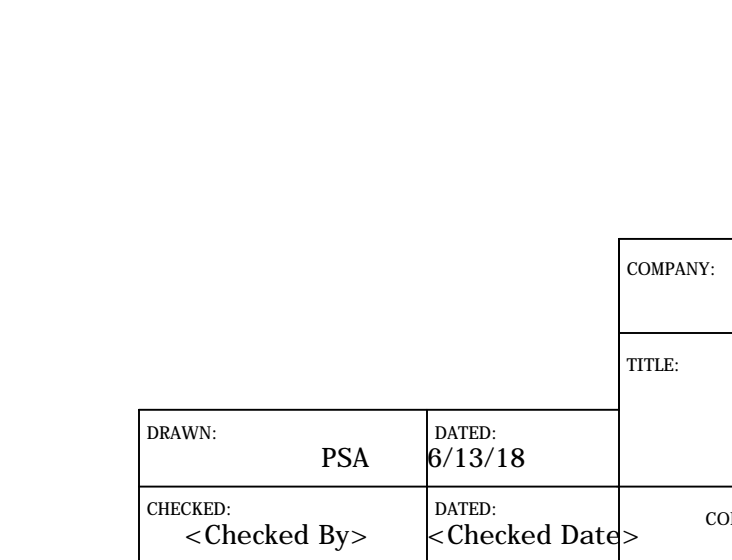
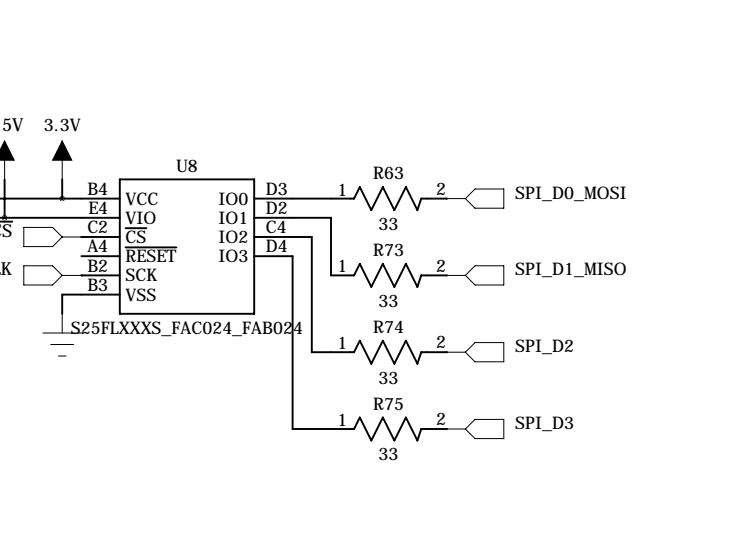
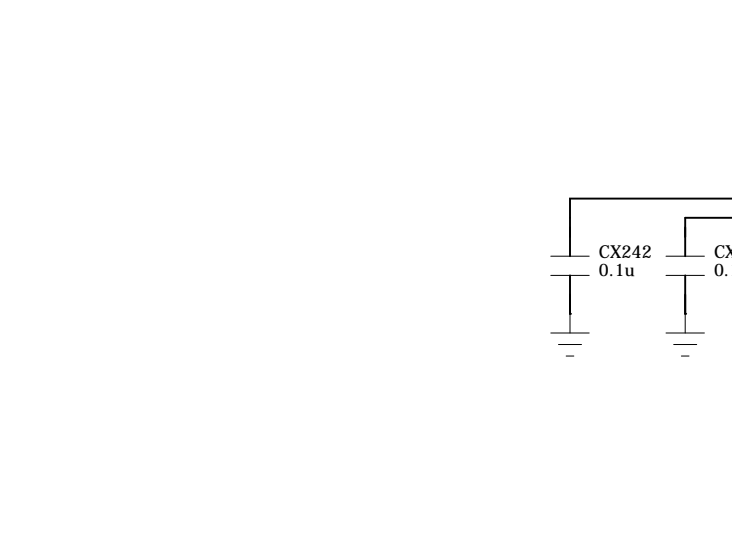
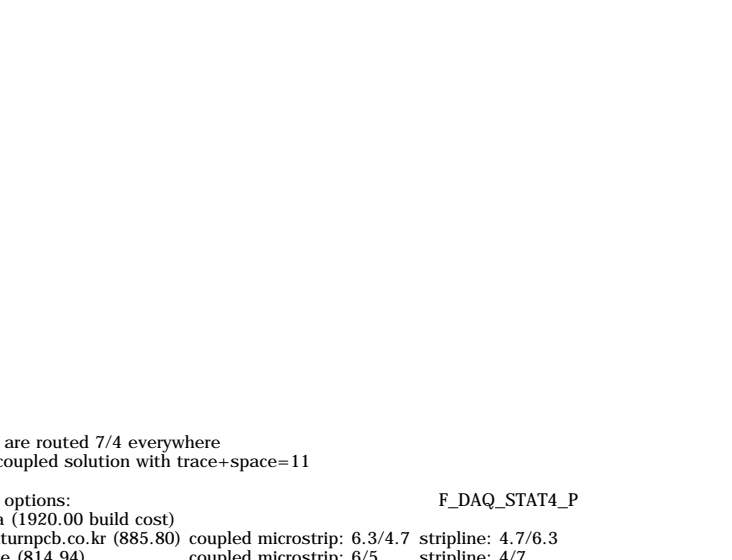
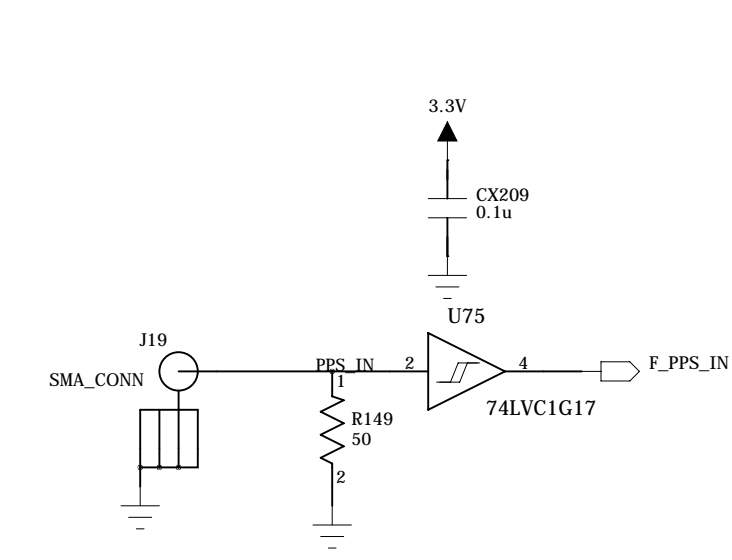
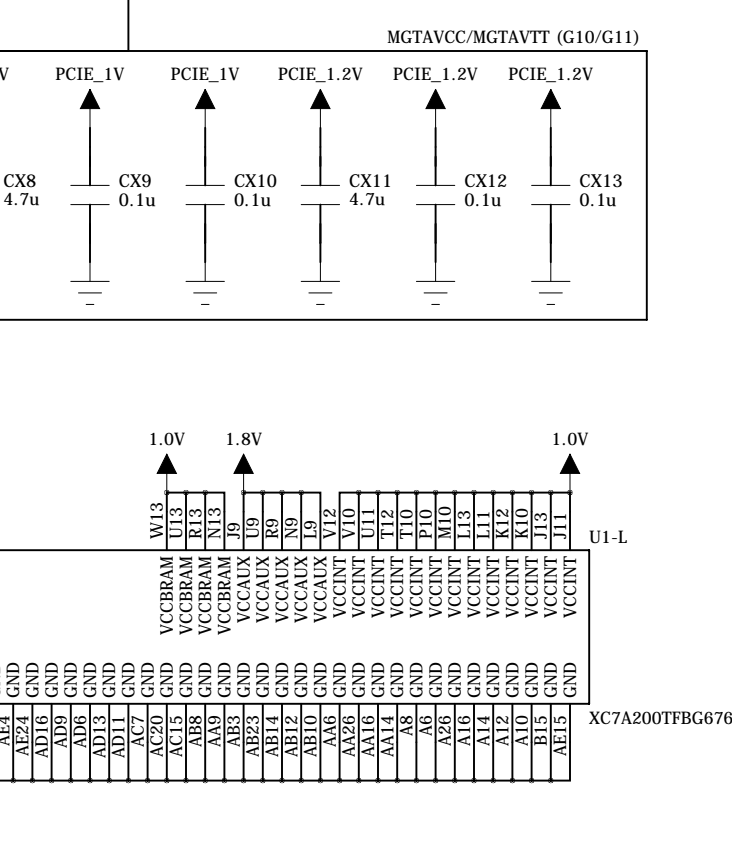
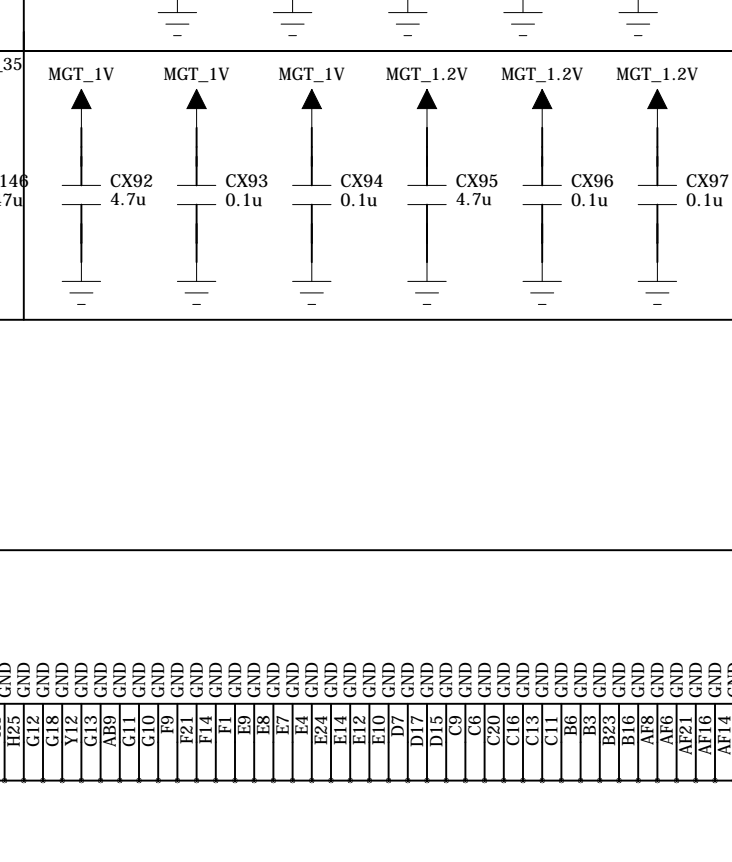
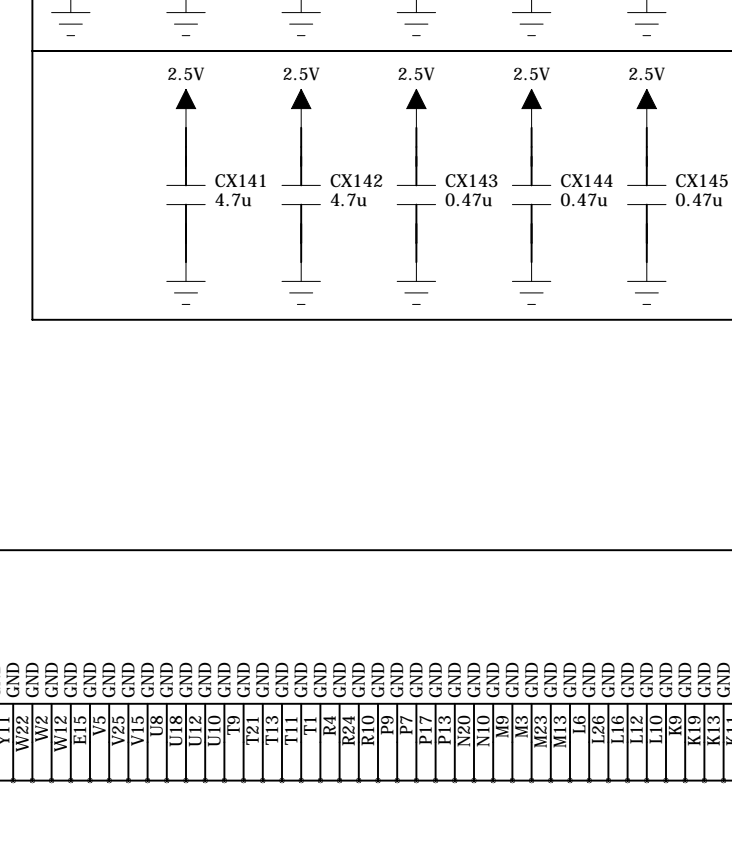
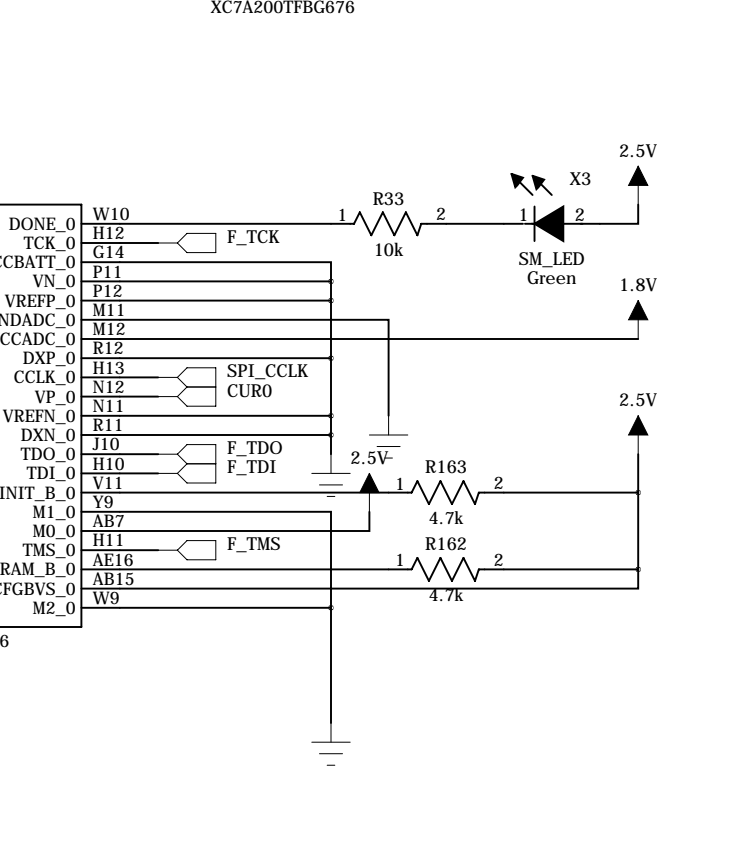
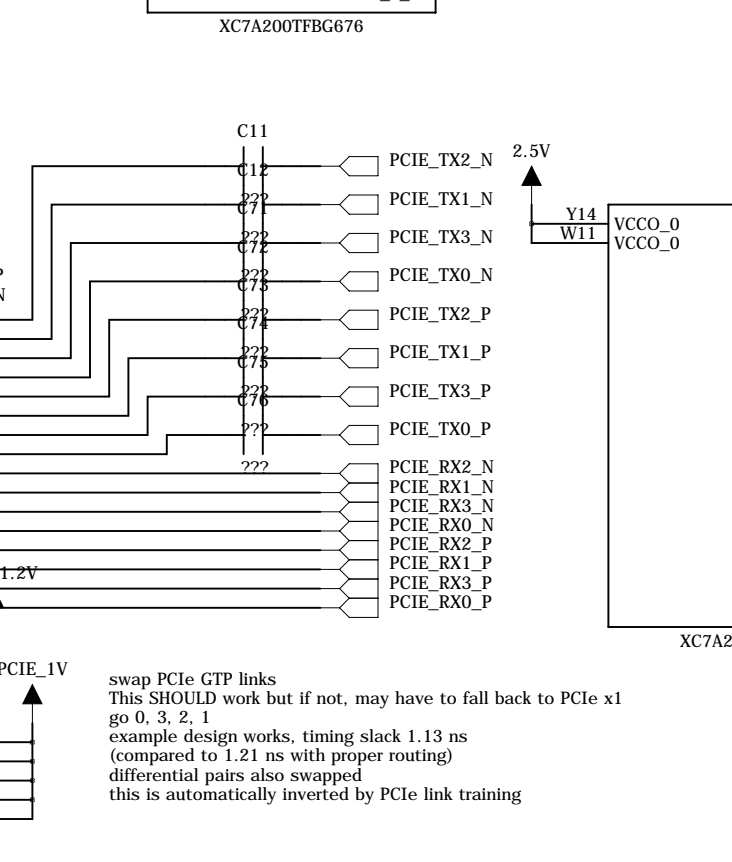
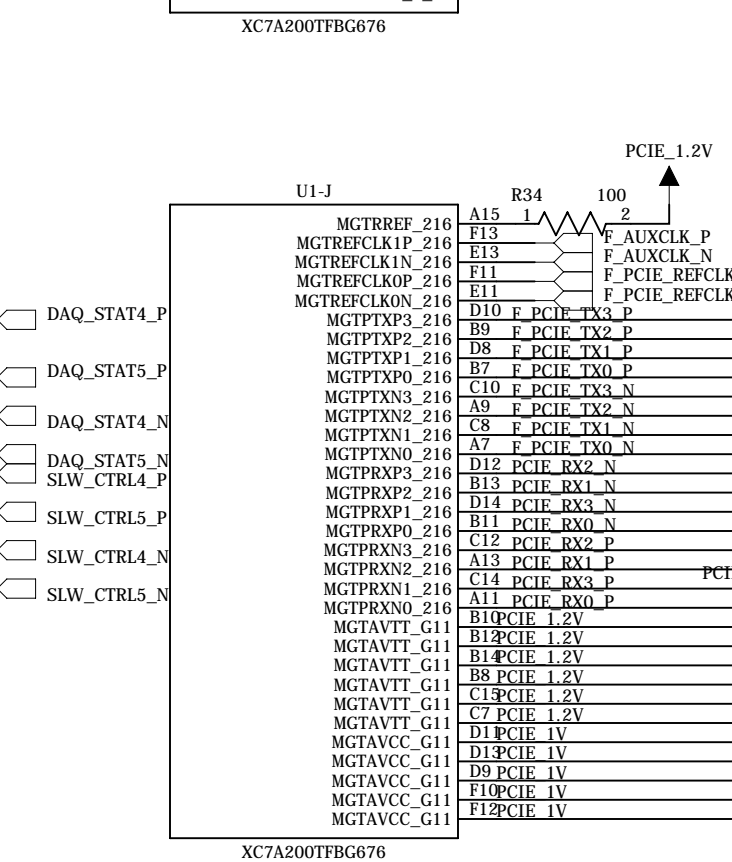
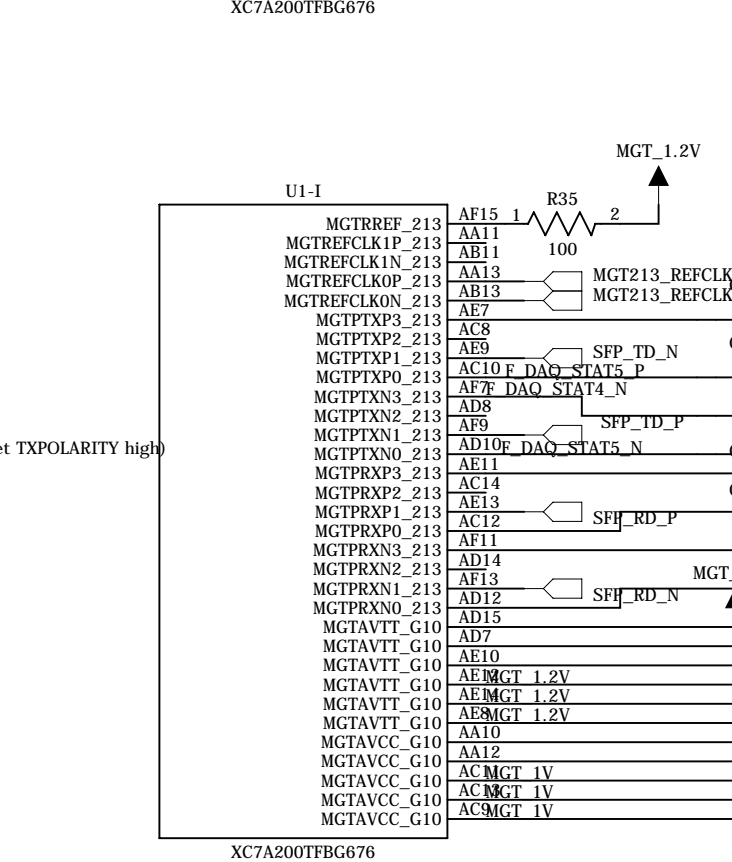
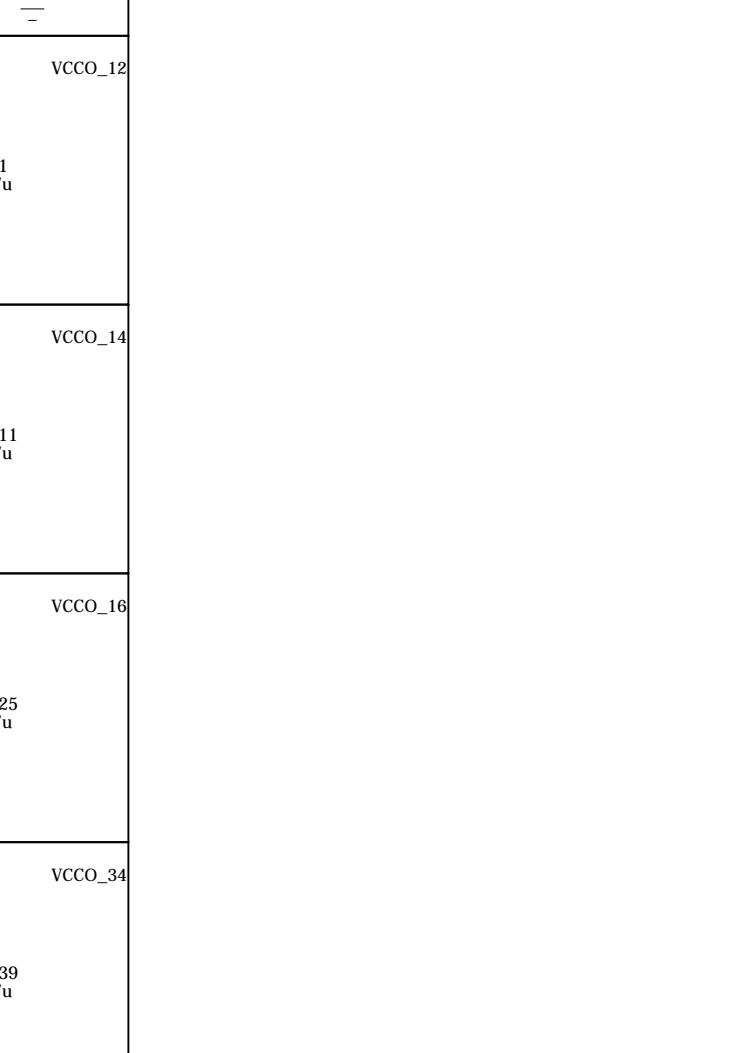
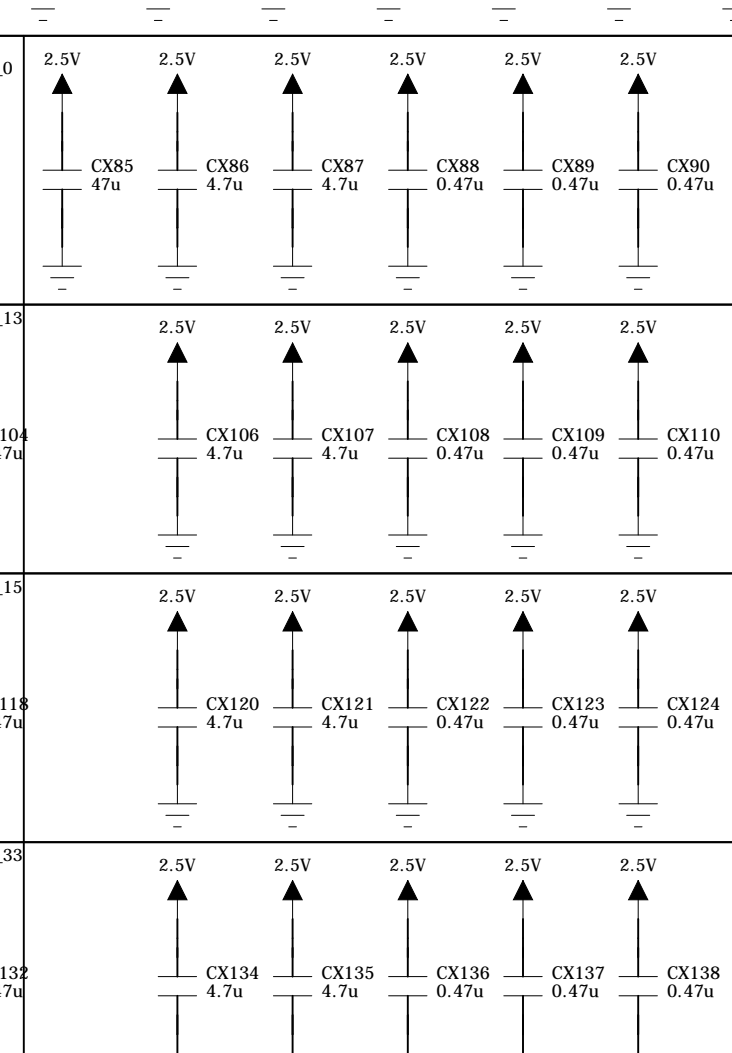
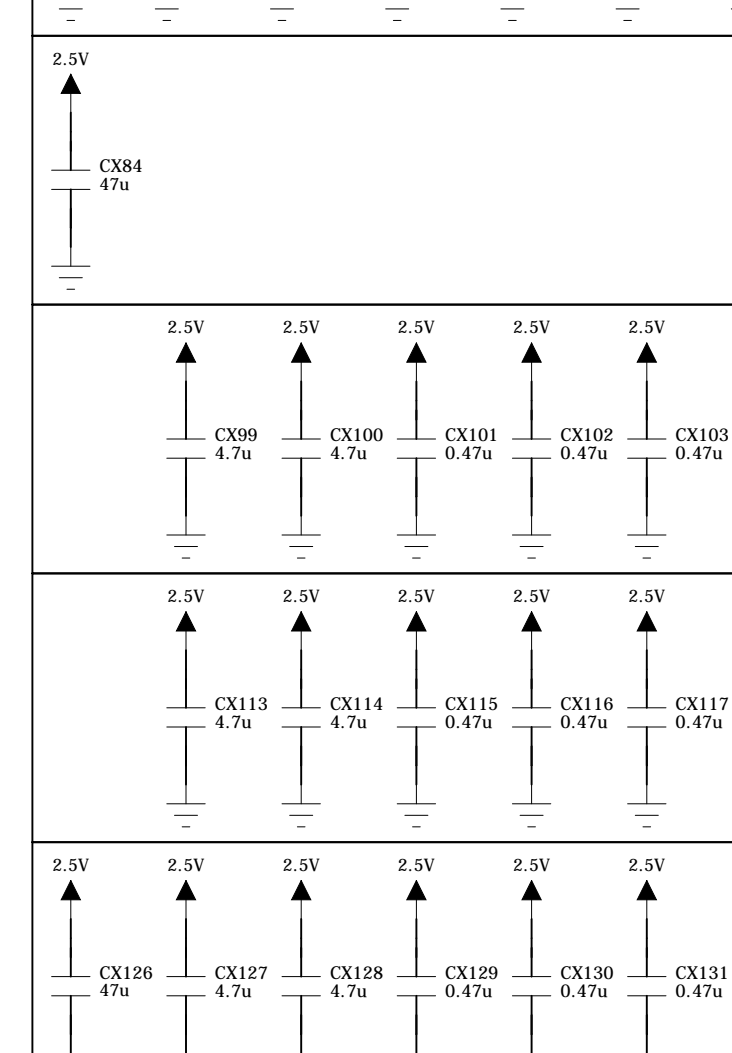
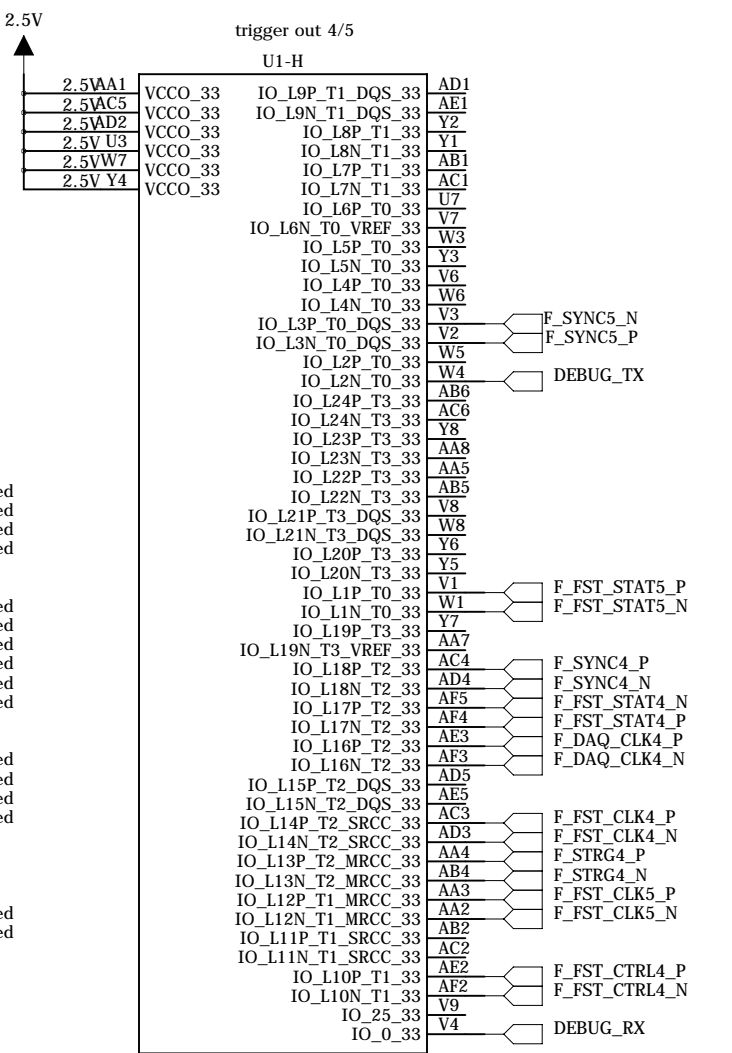
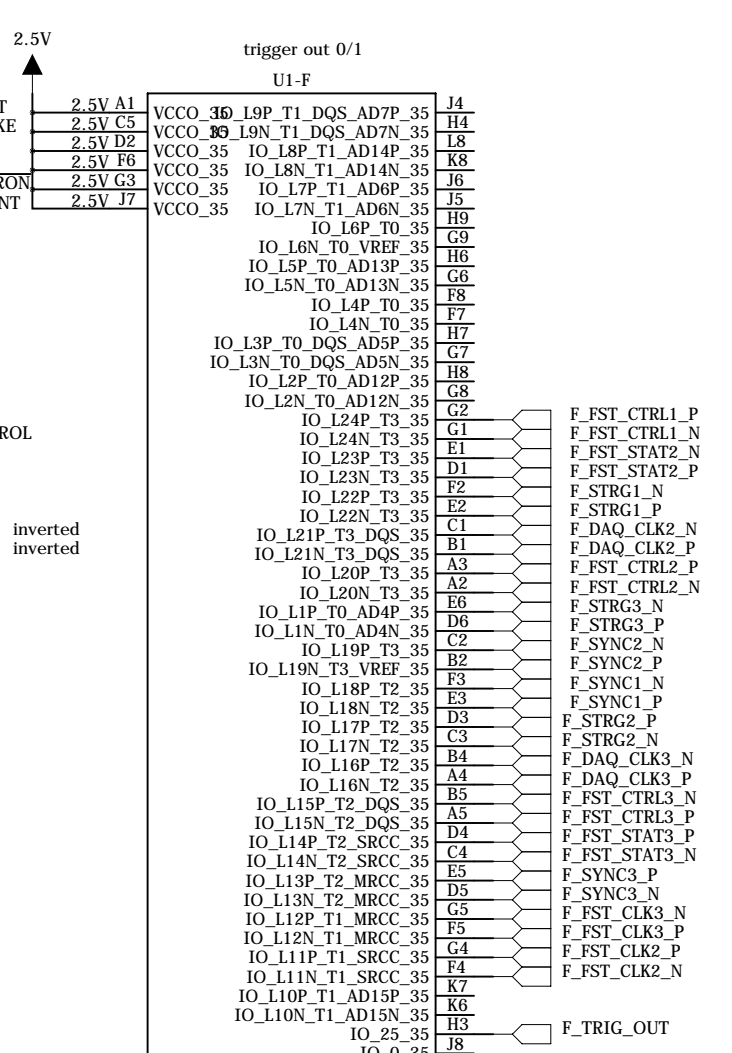
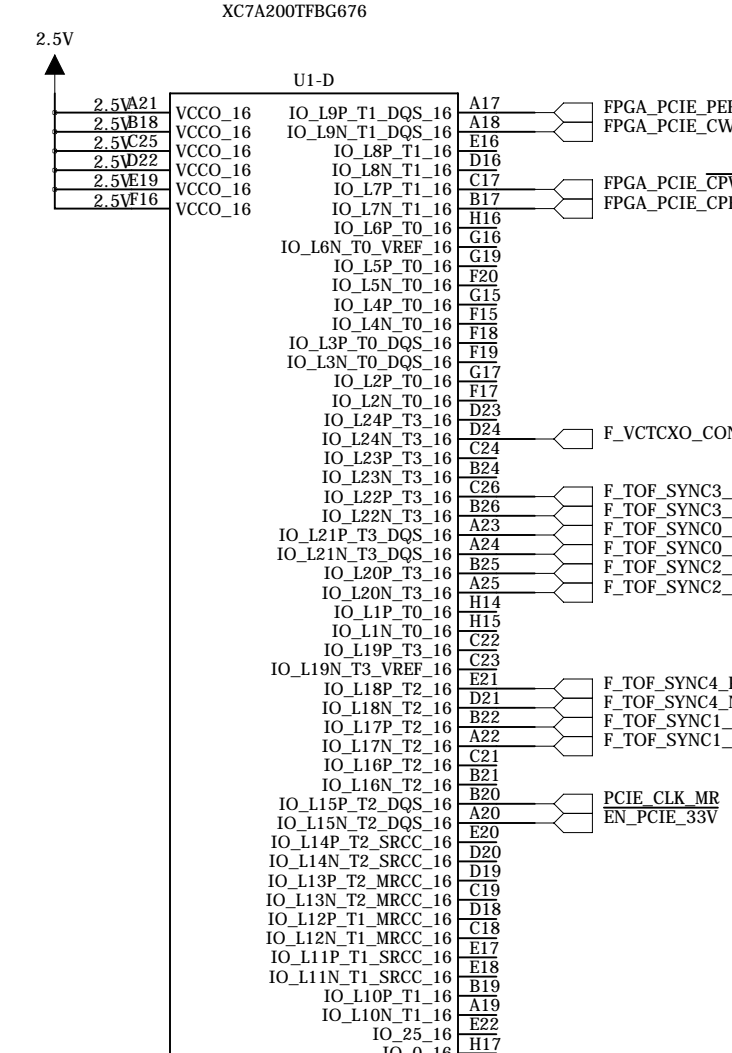
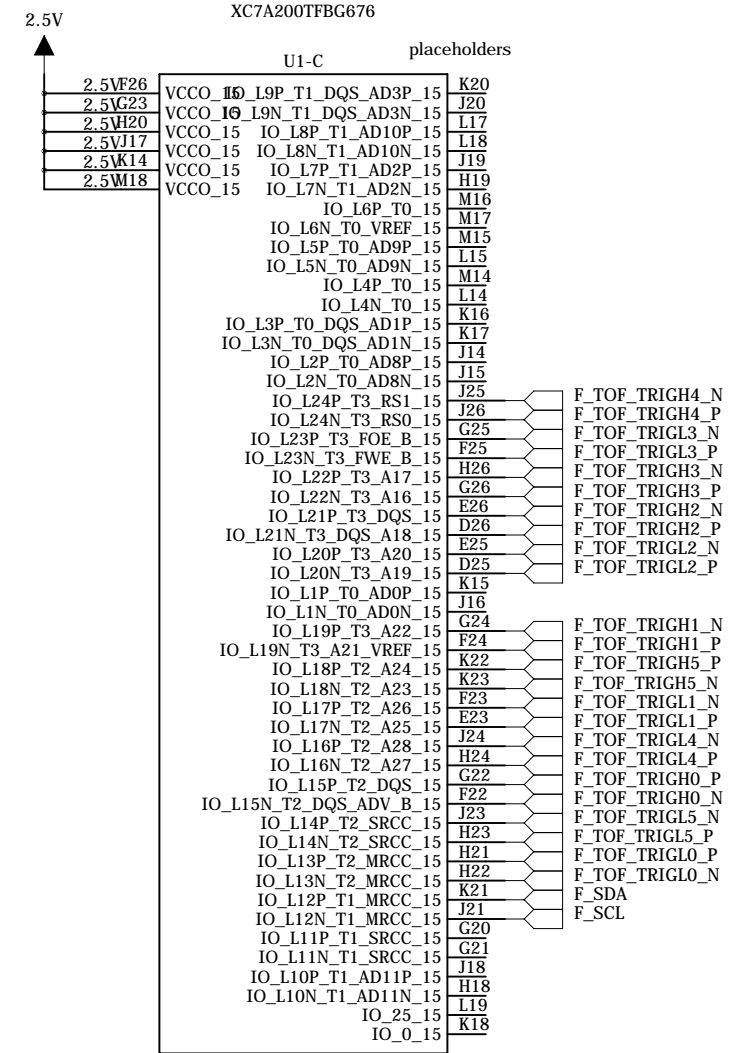
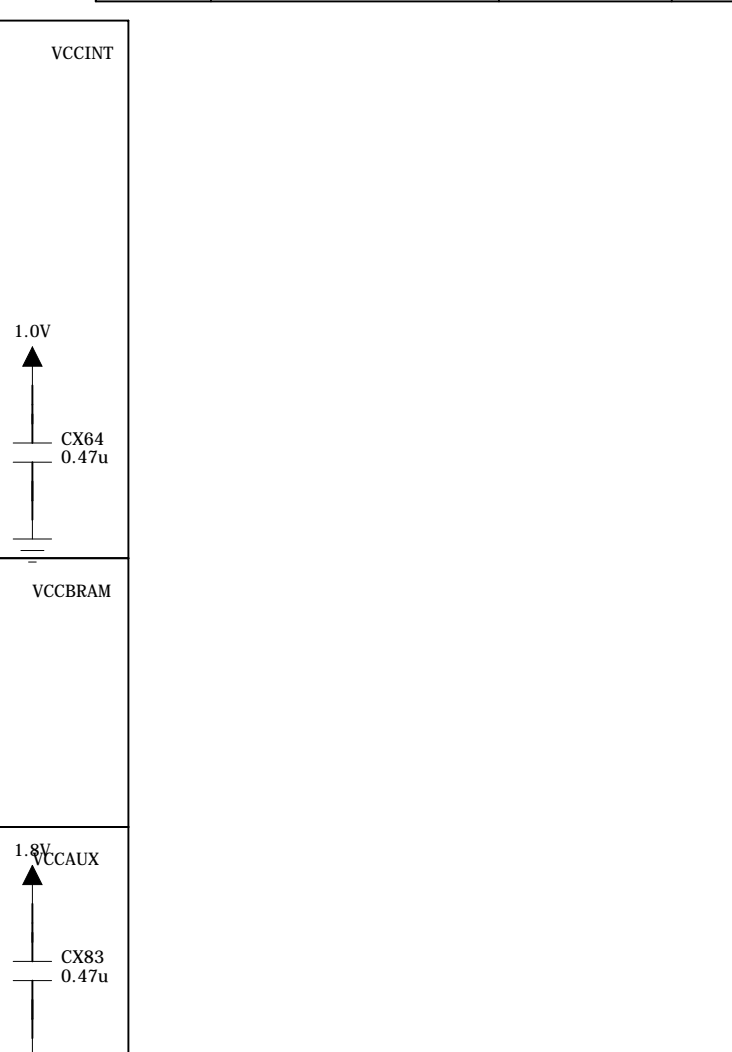
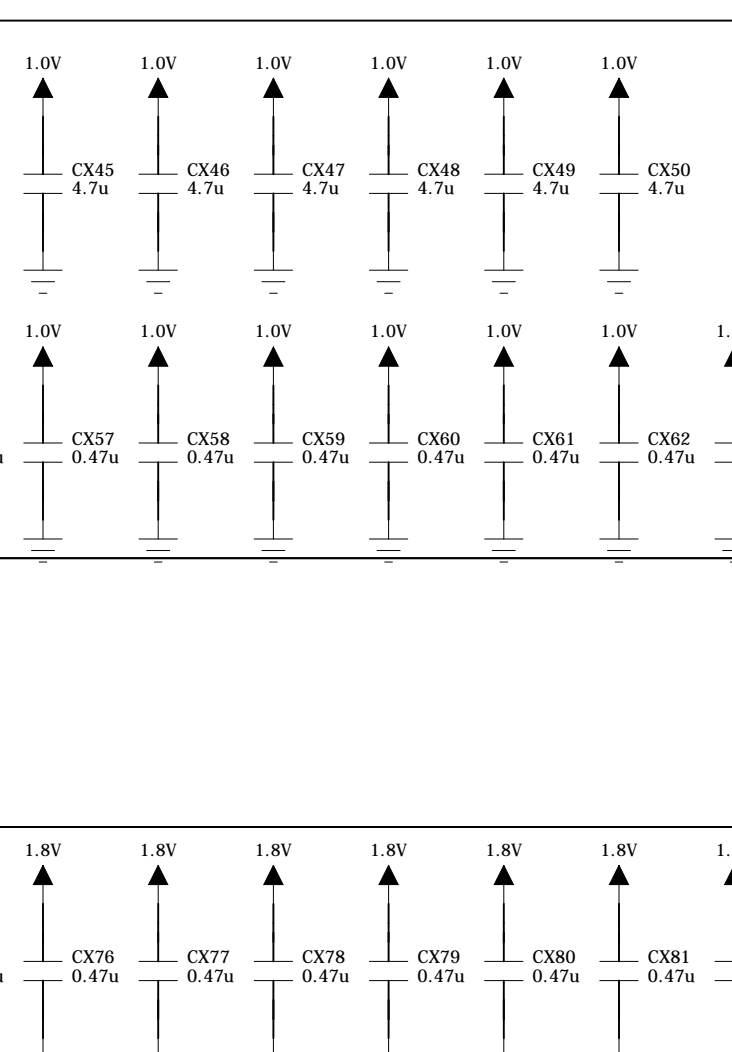
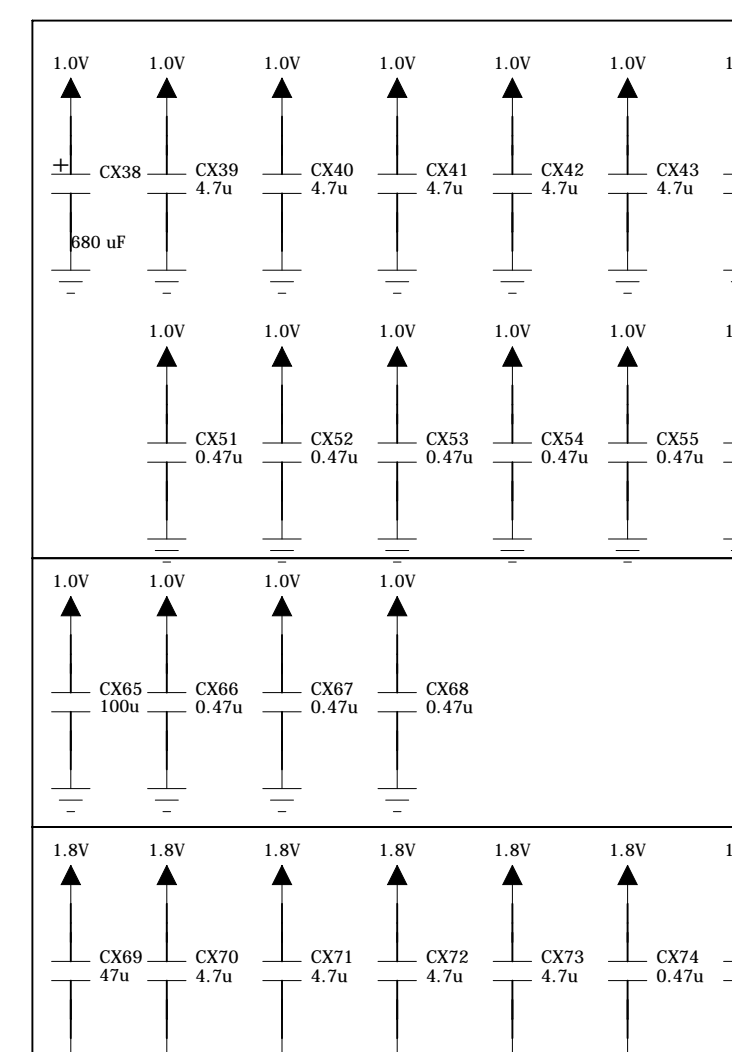
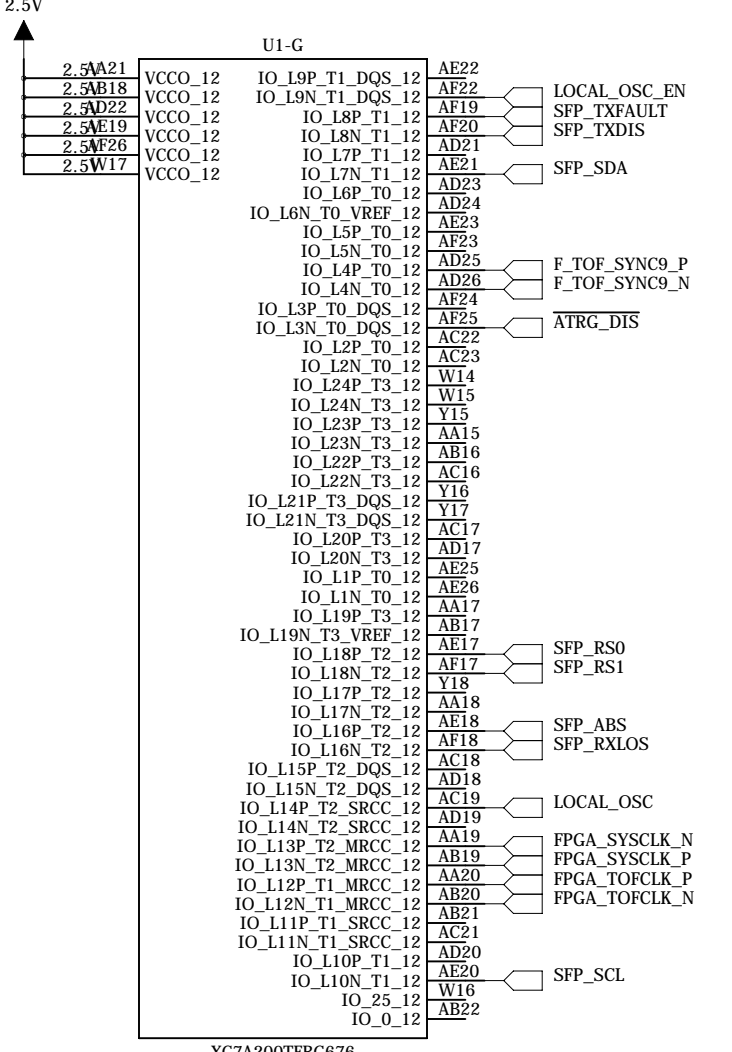
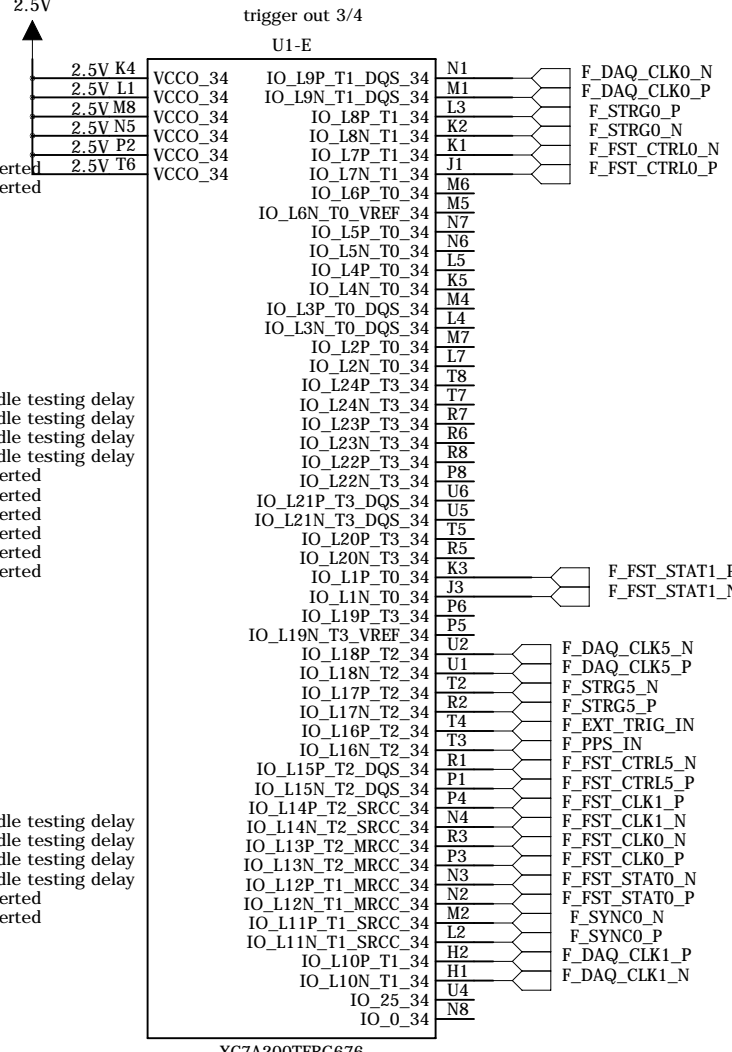
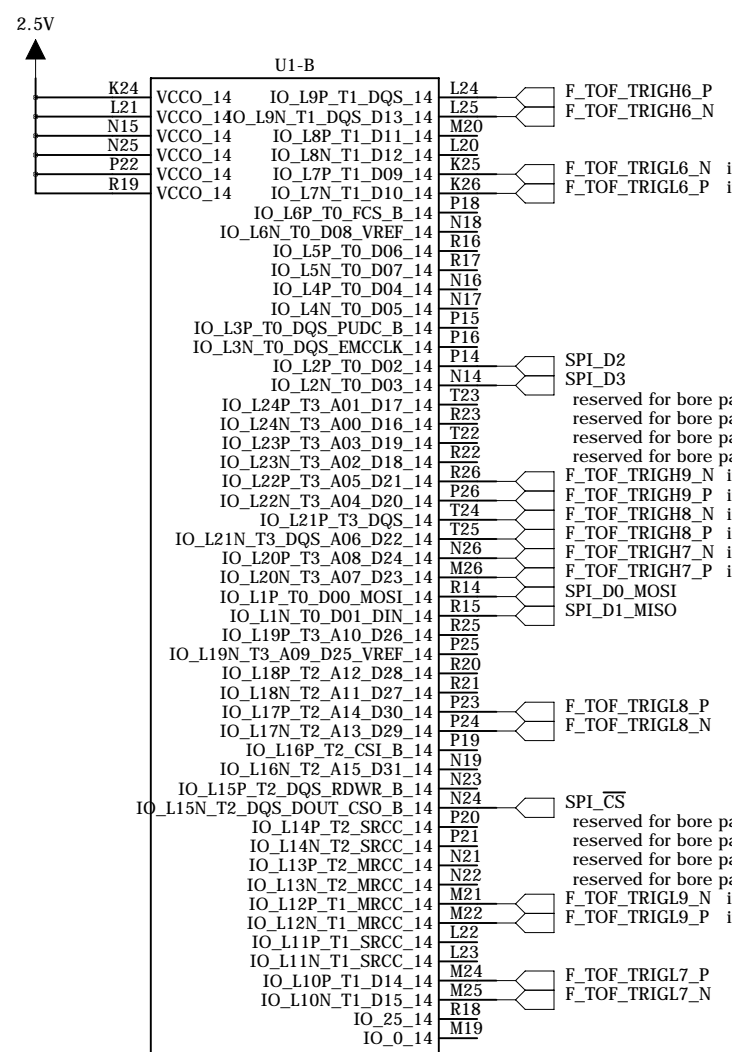
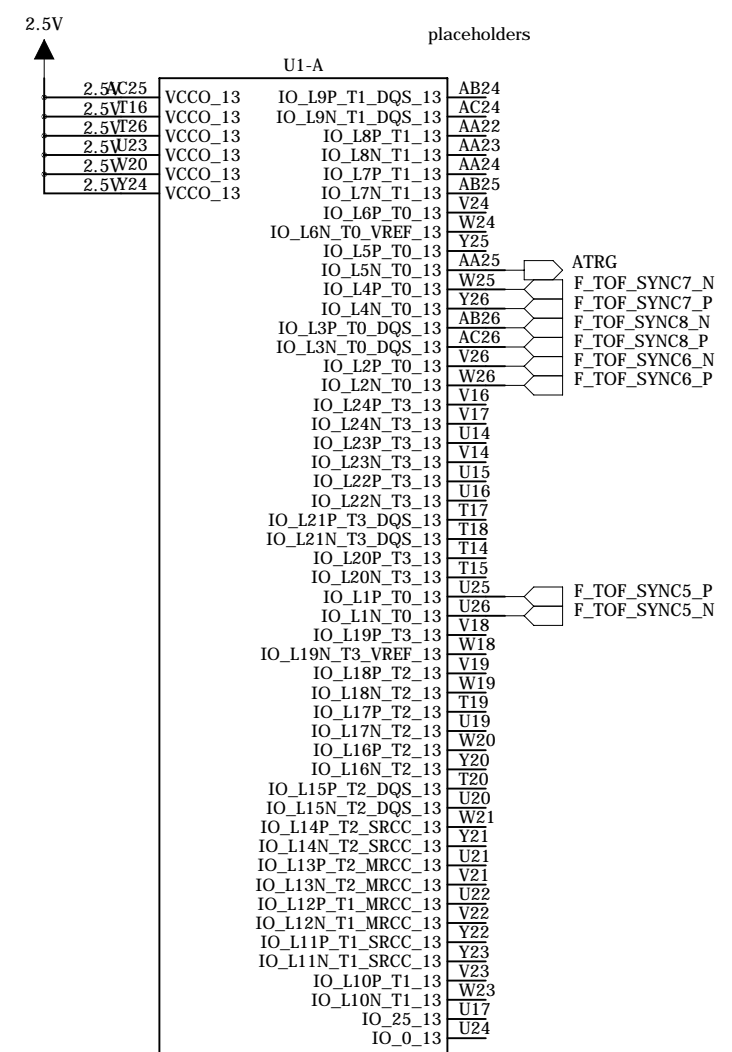


COMPANY:		Ohio State University			
TITLE:		HELIX Master Trigger [HELIX MTRIG]			
>	CODE:	SIZE:	SHEET:		REV:
		D	SFP		1
SCALE: 1:1			SHEET: 3of 7		

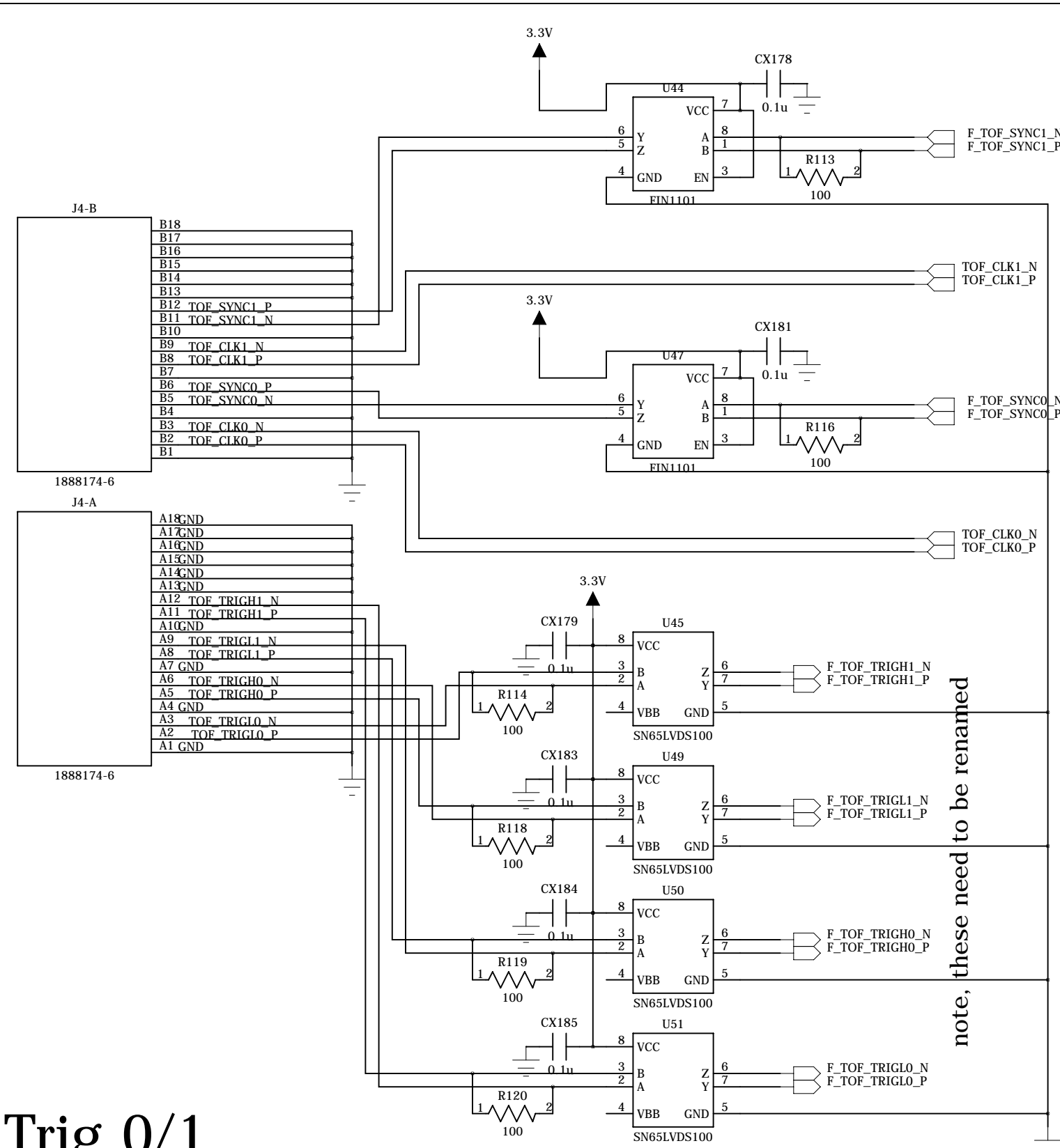
DRAWN:	PSA	DATED:	6/13/18
CHECKED:	<Checked By>	DATED:	<Checked Date>
QUALITY CONTROL:	<QC By>	DATED:	<QC Date>
RELEASED:	<Released By>	DATED:	<Release Date>



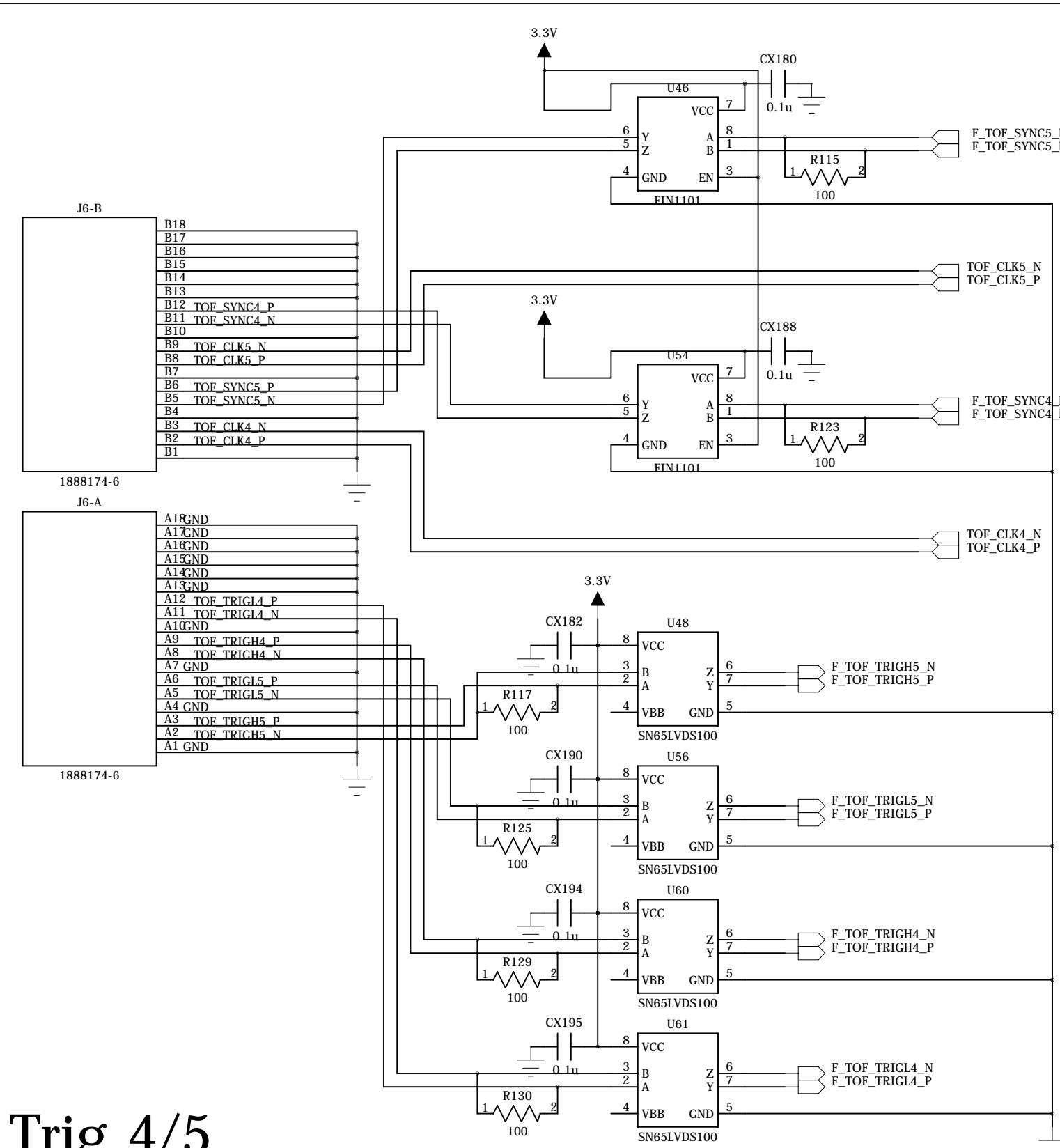
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



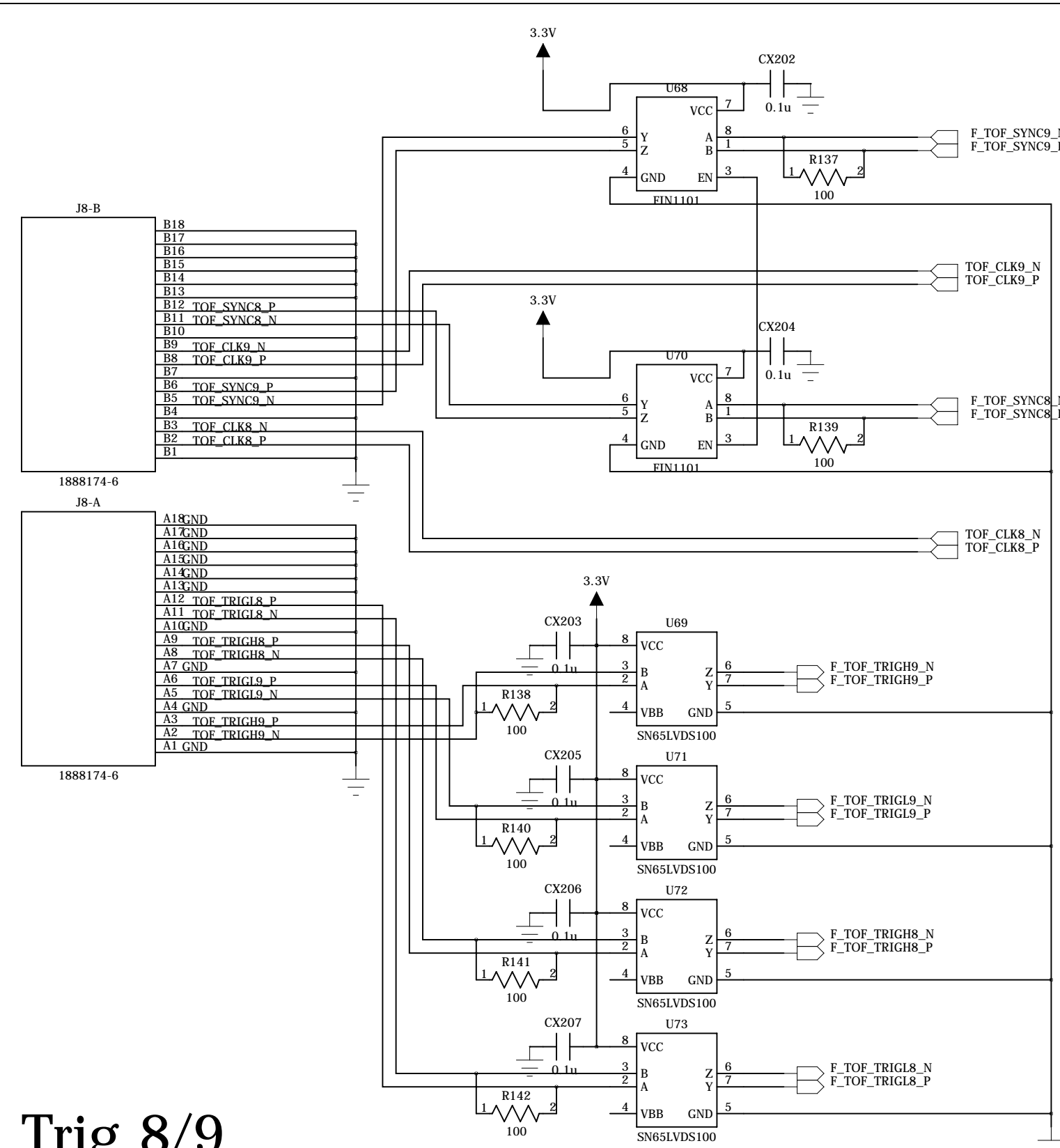
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



Trig 0/1



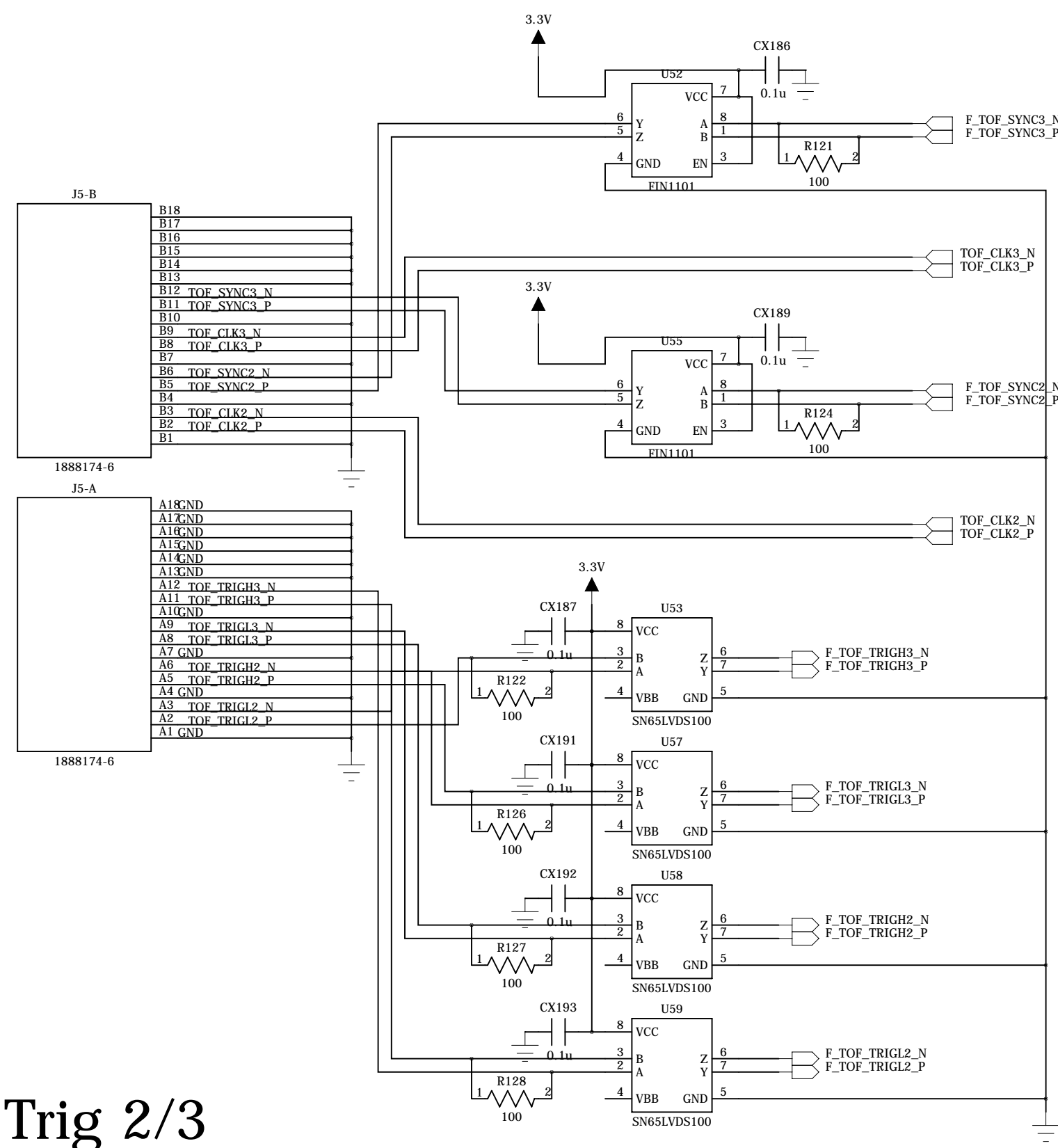
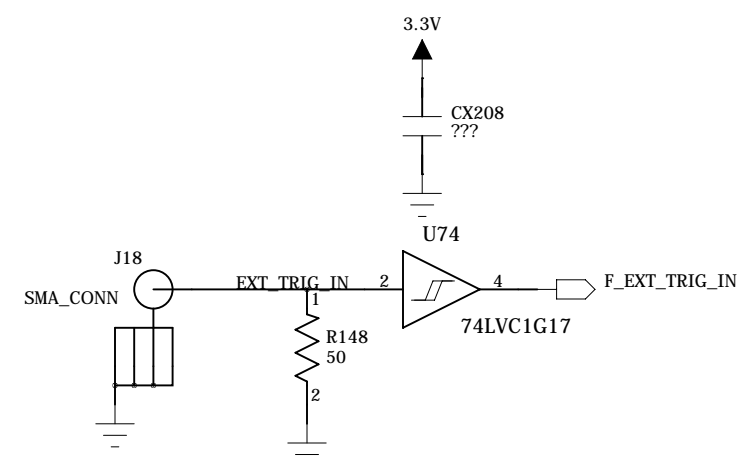
# Trig 4/5



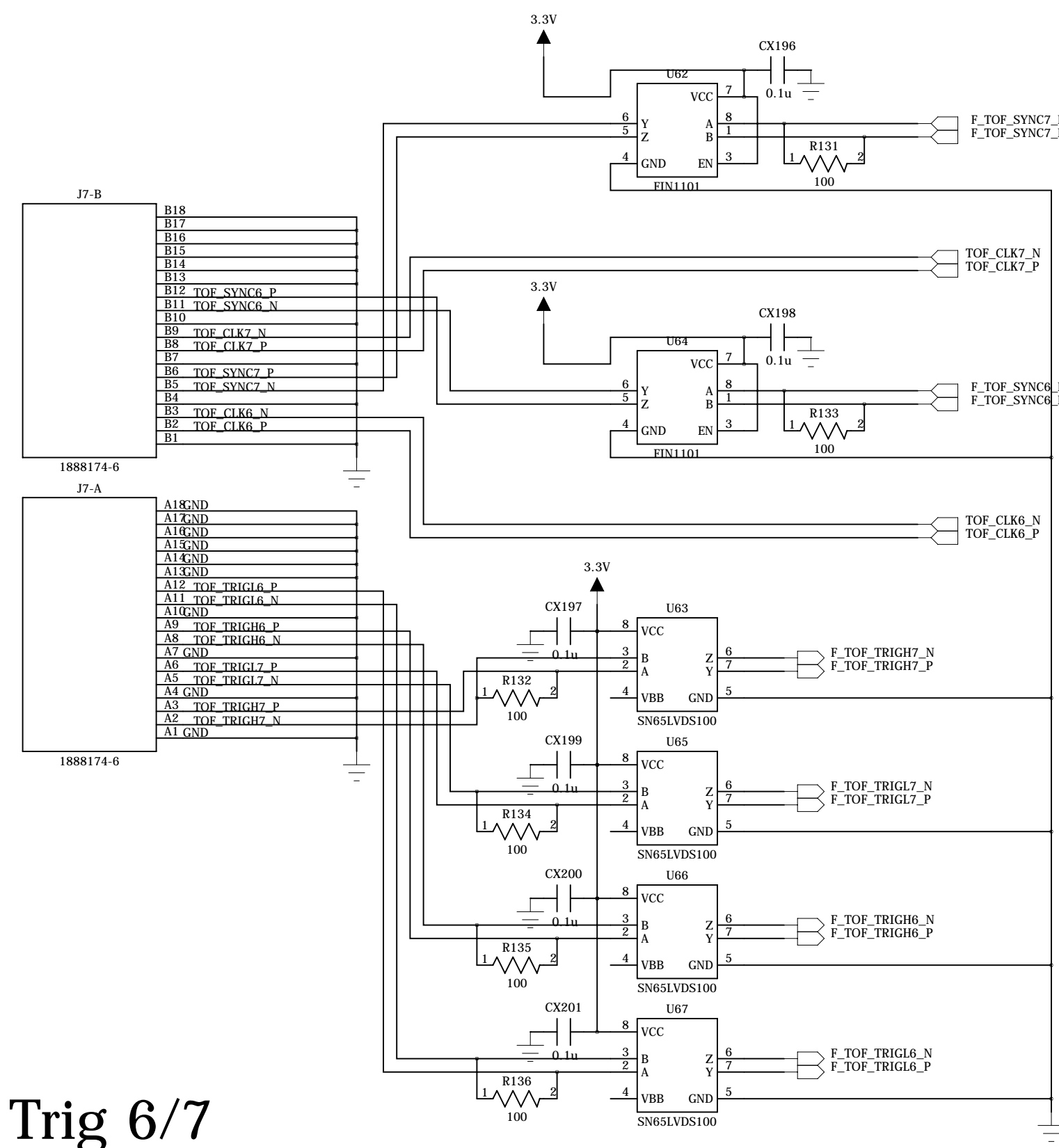
Trig 8/9

Trig 8 is nominally bore paddle  
Indicated by single panel-mount (others are dual)

All clocks are straight from clock fanout



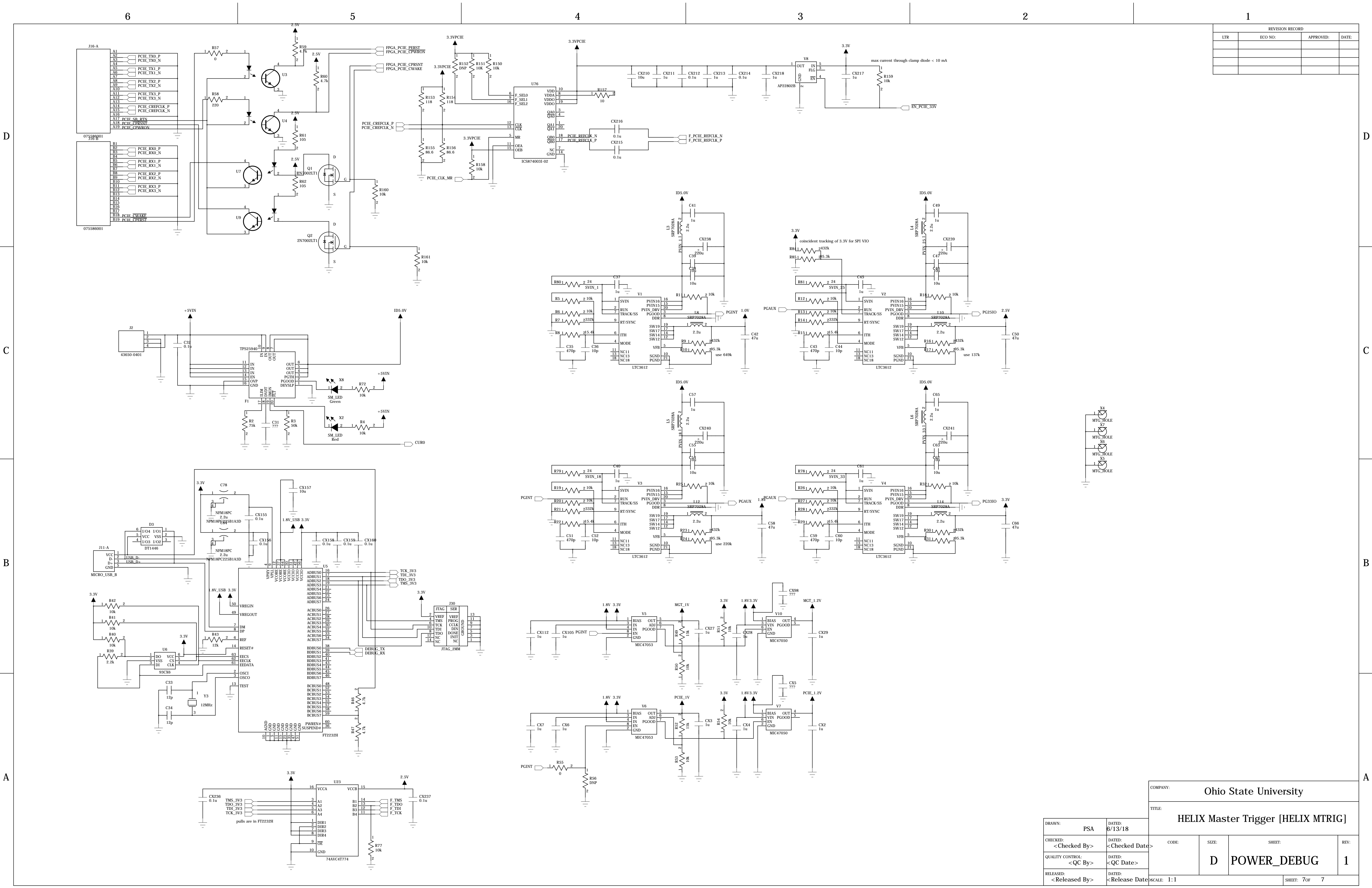
## Trig 2/3



Trig 6/7

DRAWN: PSA		DATED: 6/13/18		HELIX Master Trigger [HELIX MTRIG]				
CHECKED: <Checked By >		DATED: <Checked Date >		CODE:	SIZE:  D	SHEET:		REV:  1
QUALITY CONTROL: <QC By >		DATED: <QC Date >				TRIGGER_IN		
RELEASED: <Released By >		DATED: <Release Date >				SCALE: 1:1		





REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

COMPANY: Ohio State University			
TITLE: HELIX Master Trigger [HELIX MTRIG]			
DRAWN: PSA	DATED: 6/13/18	CODE:	SIZE:
CHECKED: <Checked By>	DATED: <Checked Date>	SHEET:	REV: 1
QUALITY CONTROL: <QC By>	DATED: <QC Date>	D POWER_DEBUG	
RELEASED: <Released By>	DATED: <Release Date>	SCALE: 1:1	
		SHEET: 7 of 7	