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RELAY CONTROL CHART


CONTROL	CODE	DEVICE	FUNCTION	CONNECTOR

JUMPER TABLE		
JP#	ON	OFF
1		
2		
3		
4		
5		

\* SEE ASSEMBLY INSTRUCTIONS

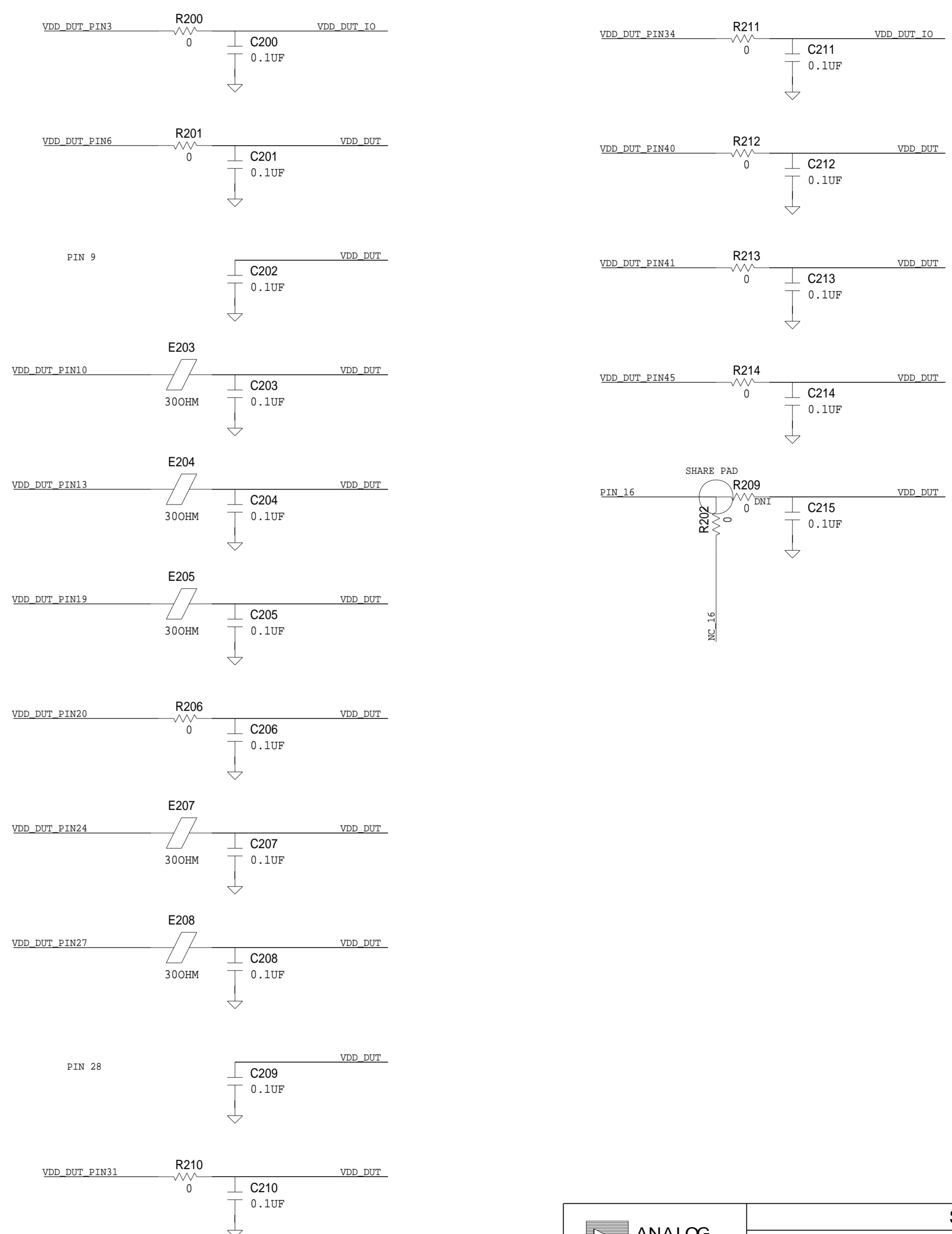
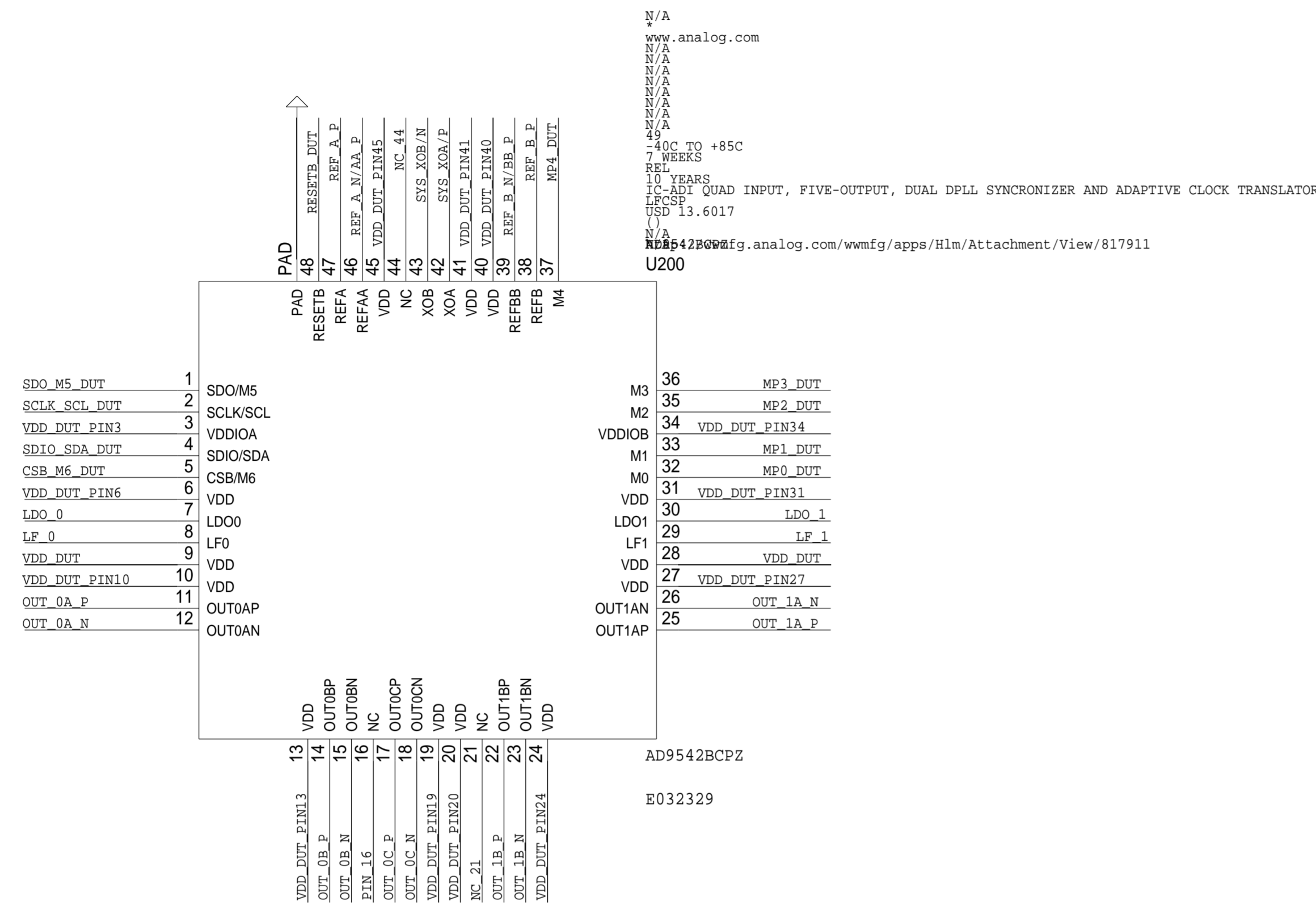
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05JUN15	M.OSTRANDER
B	AS PER ECR-057849	04DEC15	M.OSTRANDER
C	AS PER ECR-067426	16FEB17	M.OSTRANDER
C2	AS PER ECR-069083	11MAY17	M.OSTRANDER
D	AS PER ECR-083097	18NOV18	G.CELEDONIO
E	AS PER ECR-084471	30JAN19	G.CELEDONIO

P.O SPEC.	BK/BD SPEC.	SOCKET OEM	OEM PART#	HANDLER

TEMPLATE ENGINEER -	DATE	<h1>SCHEMATIC</h1>	
HARDWARE SERVICES -			
HARDWARE SYSTEMS -			
TEST ENGINEER -			
COMPONENT ENGINEER -			
TEST PROCESS -			
HARDWARE RELEASE -		HW TYPE : Customer Evaluation	
DESIGNER V. JAYME II	05JUN15	Product(s) : AD9545	
PTD ENGINEER M. OSTRANDER	05JUN15	: AD9542/PCBZ	
CHECKER -		PACKAGE : 48-lead 7X7X0.75 Package-family	
		: Pitch-pitch StyleVendor Style	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWING NO. 02_040513-02	
TOLERANCES		REV. D	
DECIMALS X.XX +0.010 X.XXX +0.005	FRACTIONS +1/32	ANGLES +2	SIZE D
	SCALE 1:1	CODE ID NO. CodeID	SHEET 1 OF 8

# DUT SECTION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



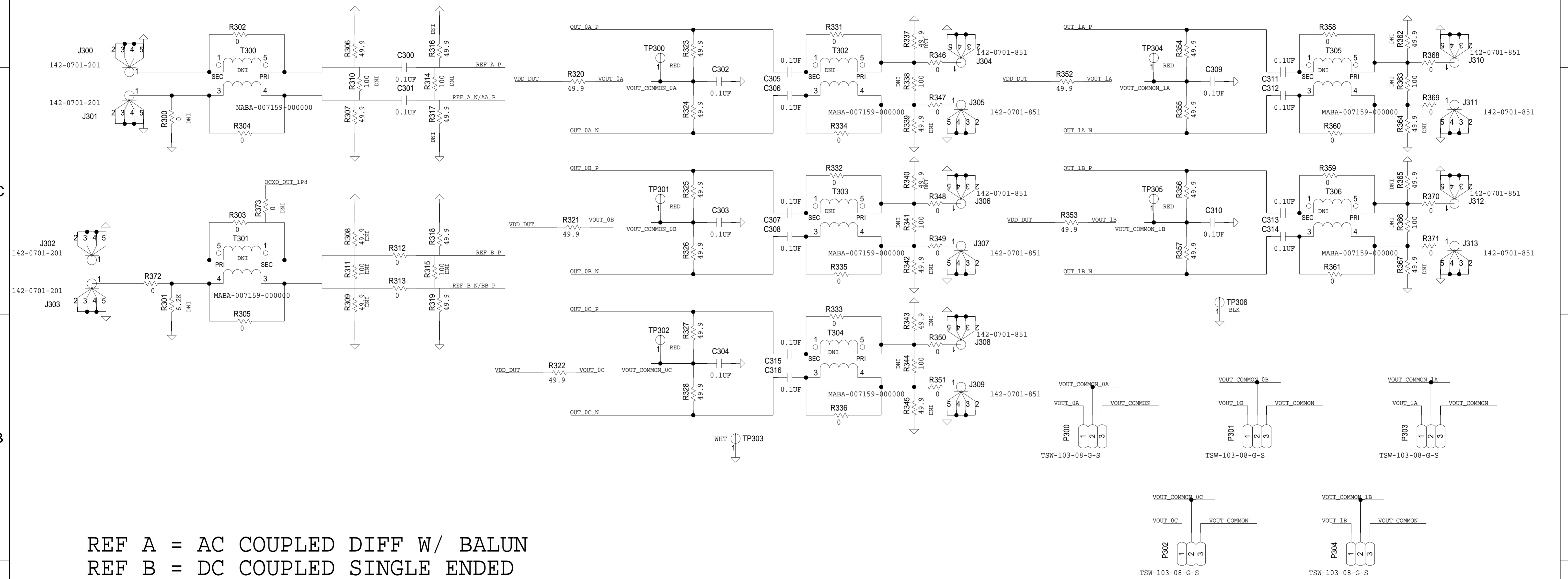
	<b>SCHEMATIC</b>		
	HW TYPE : Customer Evaluation Product(s) : AD9545 : AD9542/PCBZ		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_040513-02	REV D
PTD ENGINEER M. OSTRANDER	SIZE D	SCALE 1:1	SHEET 2 OF 8

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

# INPUT/OUTPUT SECTION

## CLOCK OUTPUTS

### REFERENCE INPUTS



REF A = AC COUPLED DIFF W/ BALUN  
 REF B = DC COUPLED SINGLE ENDED  
 REF BB = 5V CMOS -> 1.8V DC COUPLED SINGLE ENDED OR  
 = 3.3V CMOS -> 1.2V DC COUPLED SINGLE ENDED

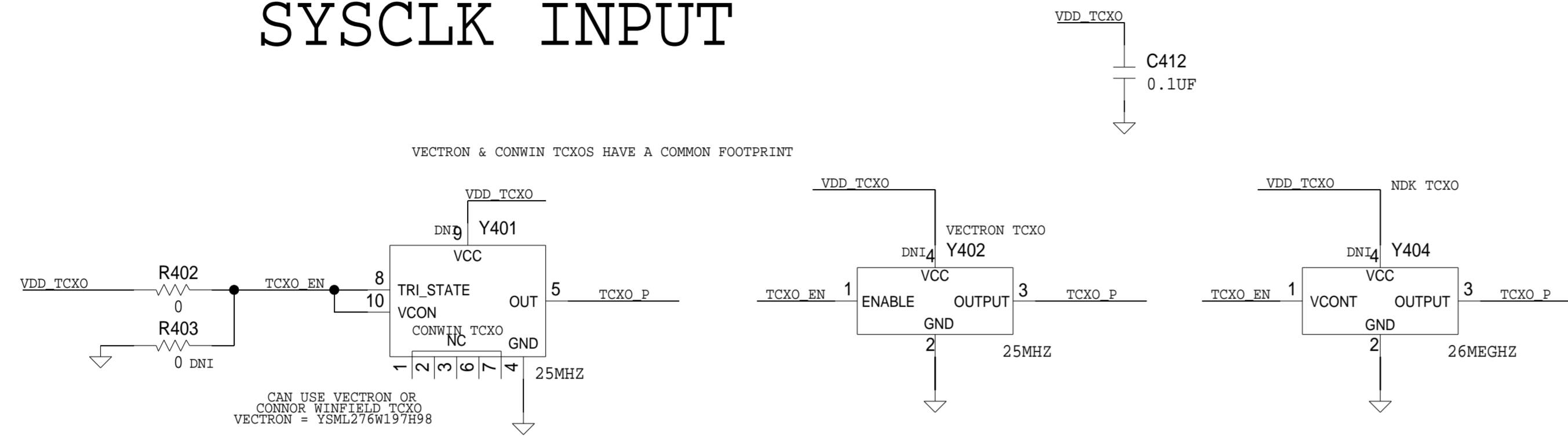
OUT 0A = AC COUPLED W/O BALUN  
 OUT 0B = AC COUPLED W/O BALUN  
 OUT 0C = AC COUPLED W/O BALUN  
 OUT 1A = AC COUPLED W/O BALUN  
 OUT 1B = AC COUPLED W/O BALUN

SCHEMATIC			
	HW TYPE : Customer Evaluation Product(s) : AD9545 : AD9542/PCBZ		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_040513-02	REV D
PTD ENGINEER M. OSTRANDER	SIZE D	SCALE 1:1	SHEET 3 OF 8

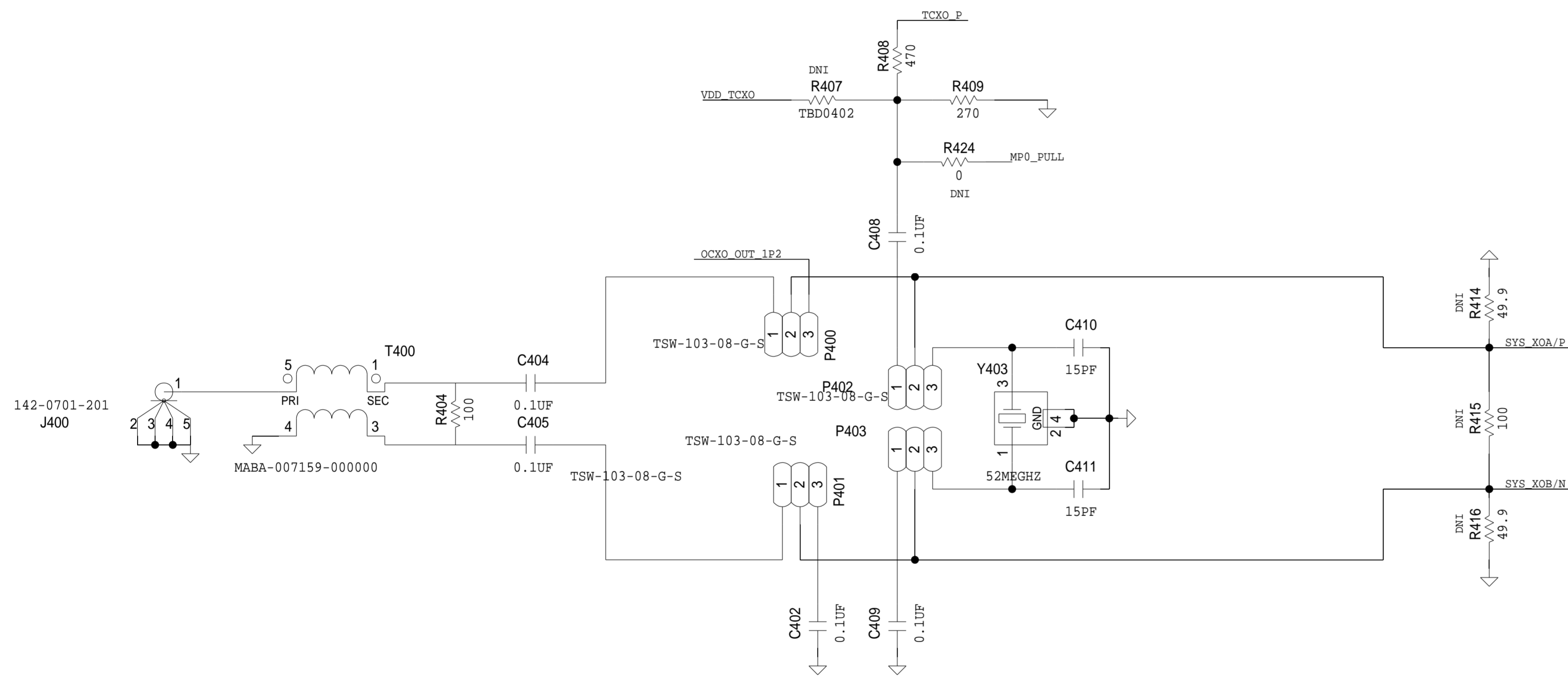
# SYSCLK, LF/LDO, N/C PINS, OCXO SECTION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

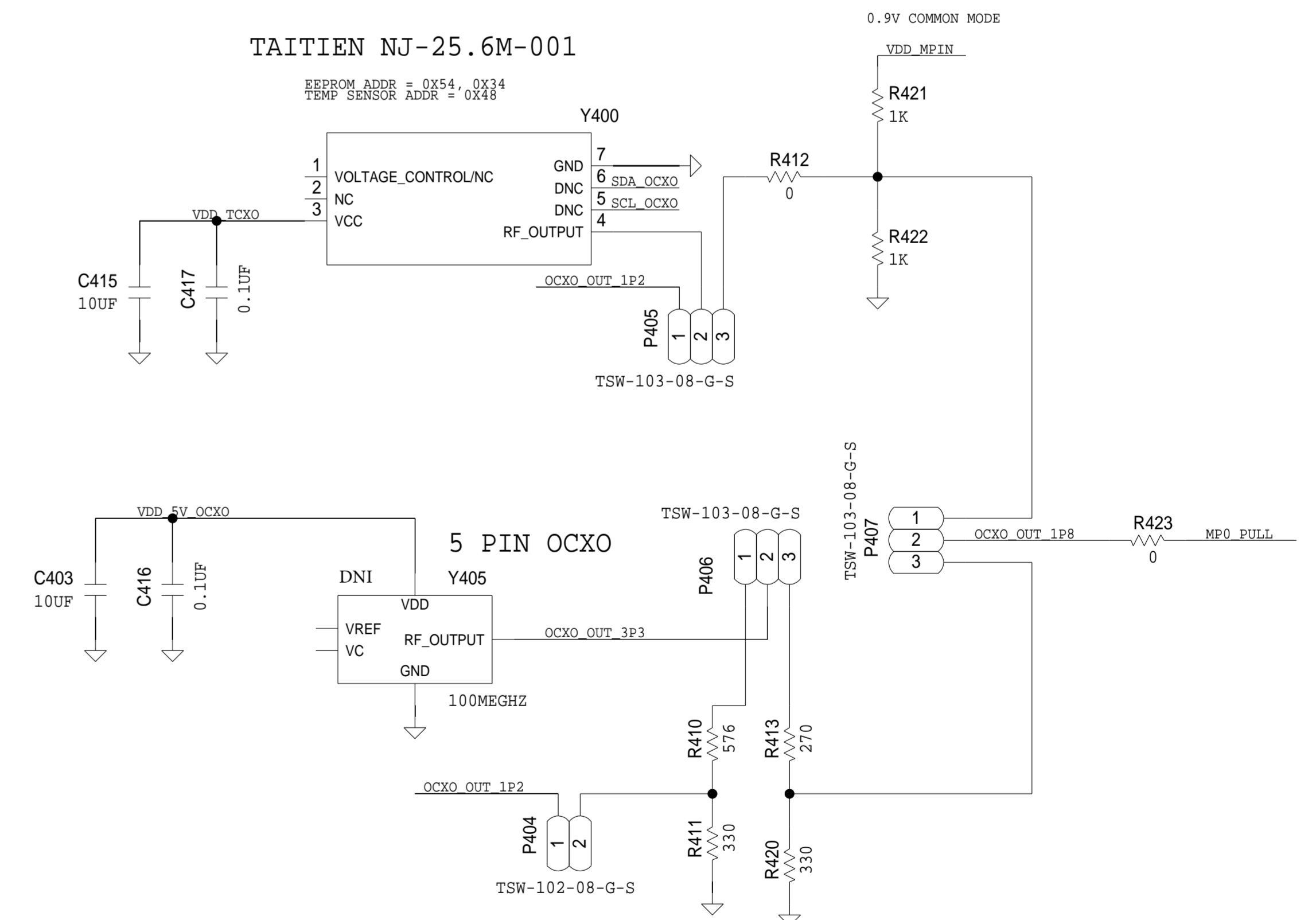
## SYSCLK INPUT



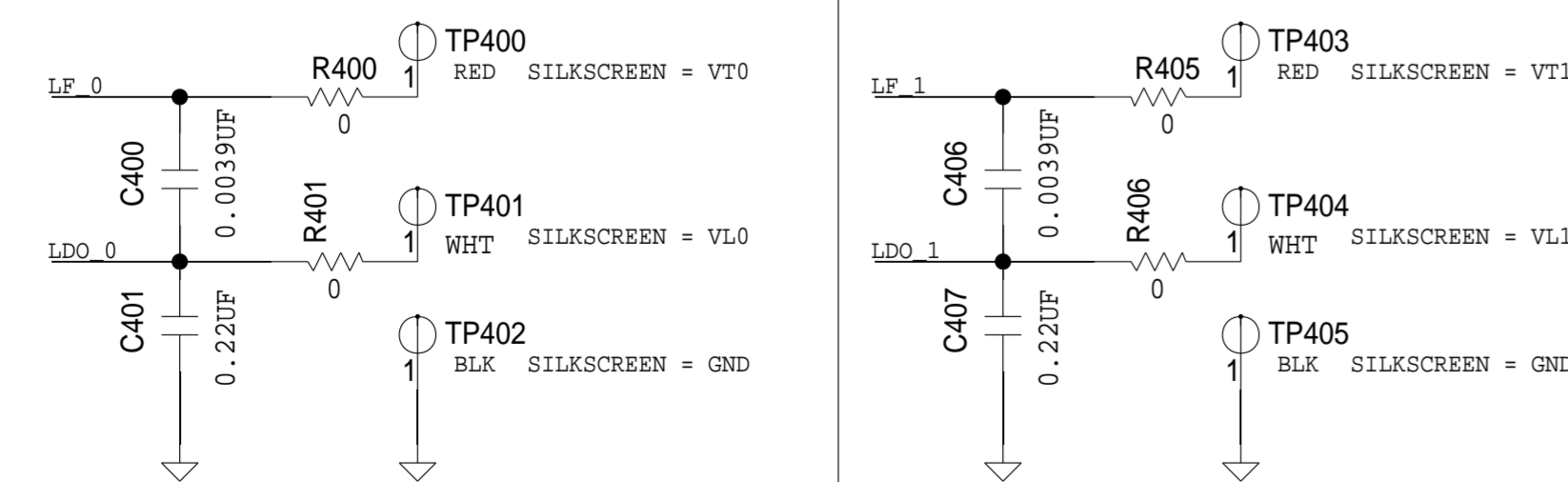
NO CONNECTS CONNECTED FOR ADI TEST ONLY



## TAITIEN NJ-25.6M-001



## LF & LDO CONNECTIONS

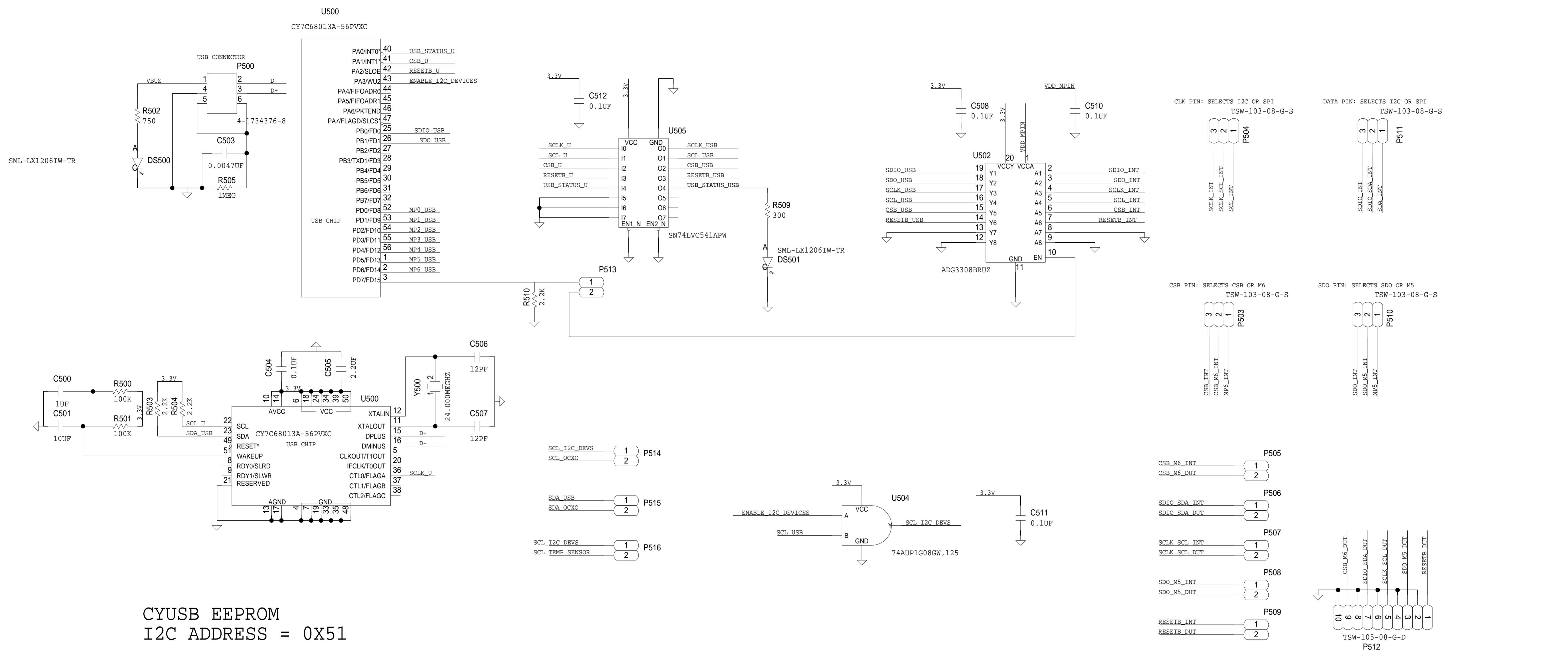


NOTE: CAPS SHOULD BE CLOSEST TO THE PIN OF THE DUT

ANALOG DEVICES		SCHEMATIC		
HW TYPE : Customer Evaluation Product(s) : AD9545 : AD9542/PCBZ		DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_040513-02	REV D
PTD ENGINEER M. OSTRANDER		SIZE D	SCALE 1:1	SHEET 4 OF 8

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

# SERIAL COMM SECTION



CYUSB EEPROM  
I2C ADDRESS = 0X51

TEMPERATURE SENSOR  
I2C ADDRESS = 0X49

SCHEMATIC			
		HW TYPE : Customer Evaluation Product(s) : AD9545 : AD9542/PCBZ	
DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_040513-02	REV D	
PTD ENGINEER M. OSTRANDER	SIZE D	SCALE 1:1	SHEET 5 OF 8

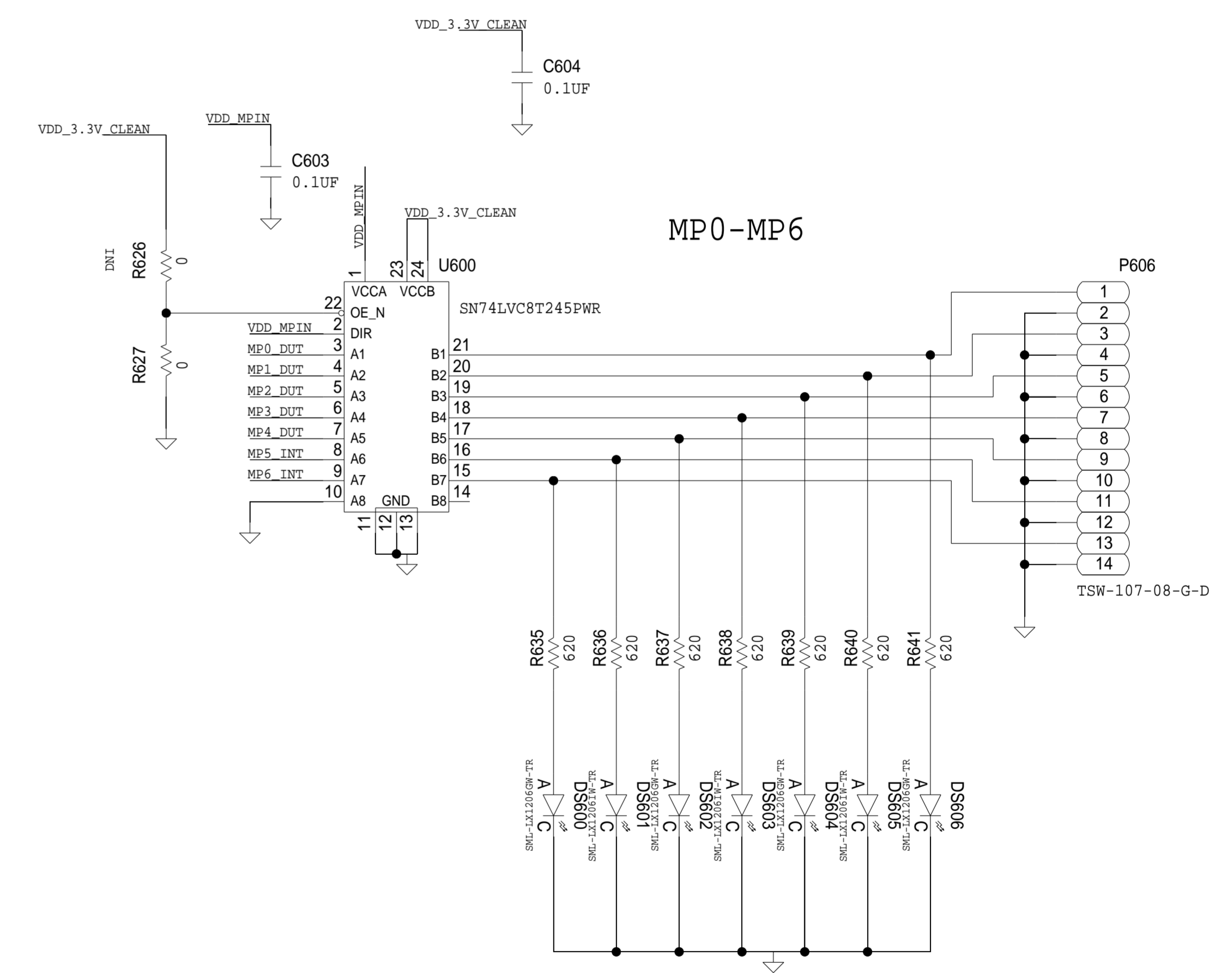
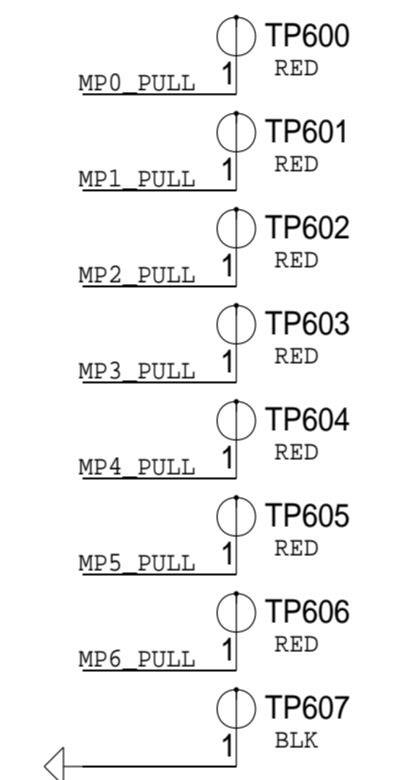
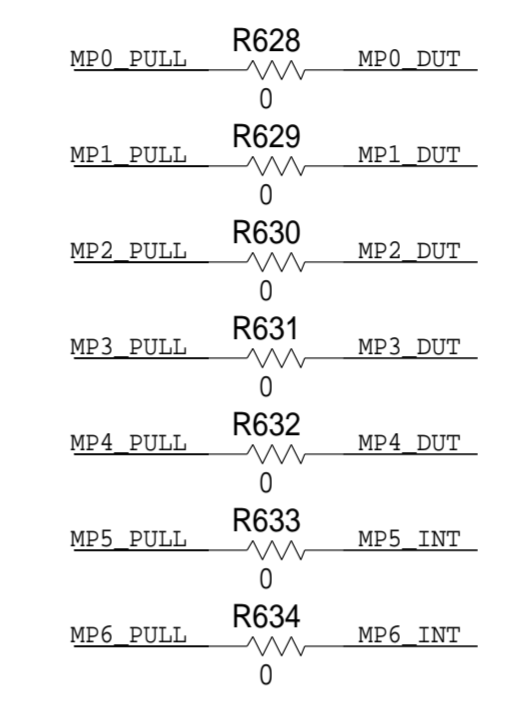
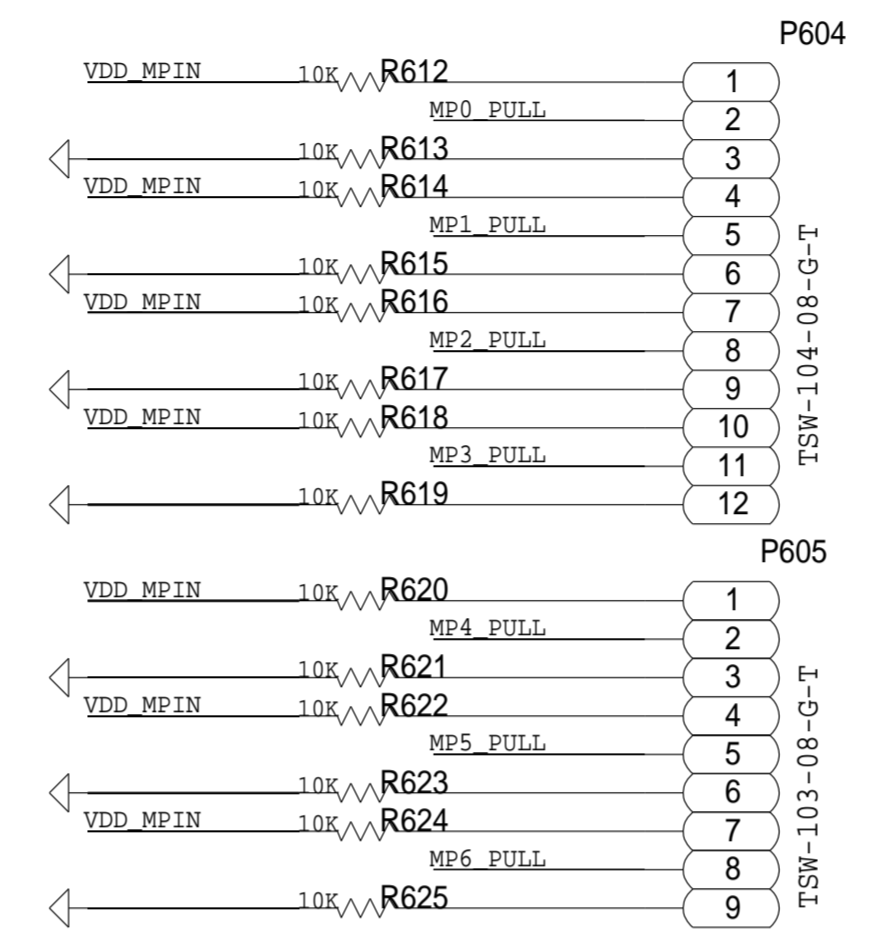
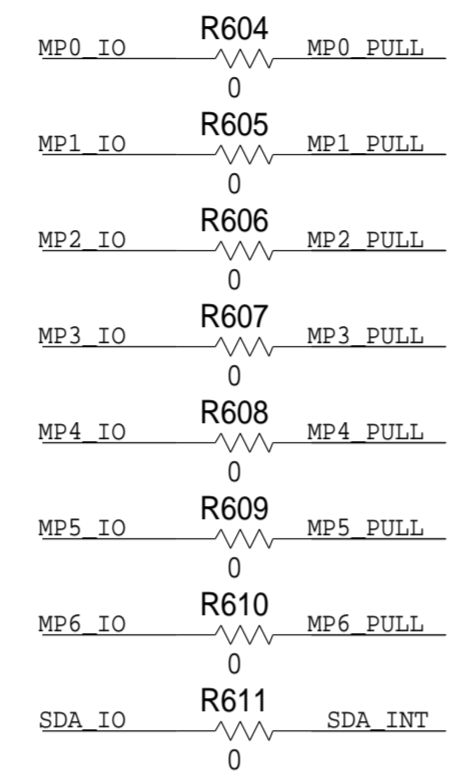
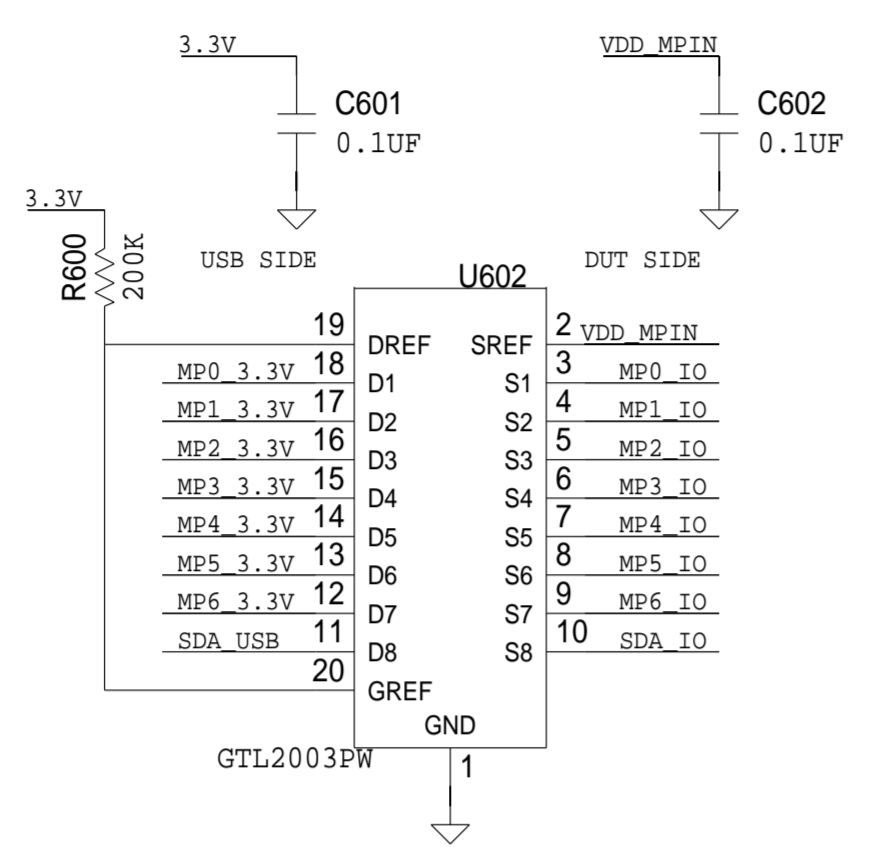
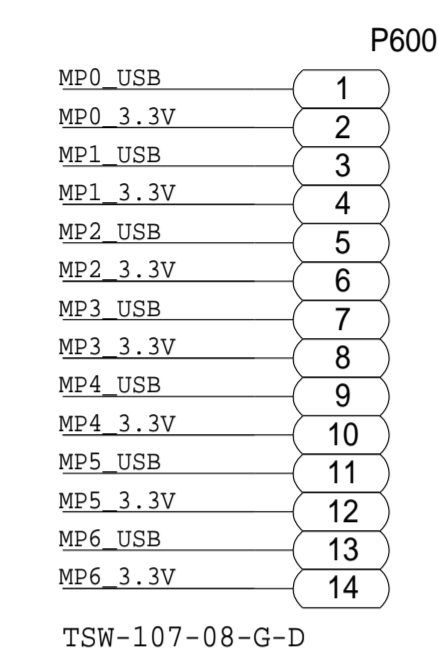
D  
C  
B  
A

D  
C  
B  
A

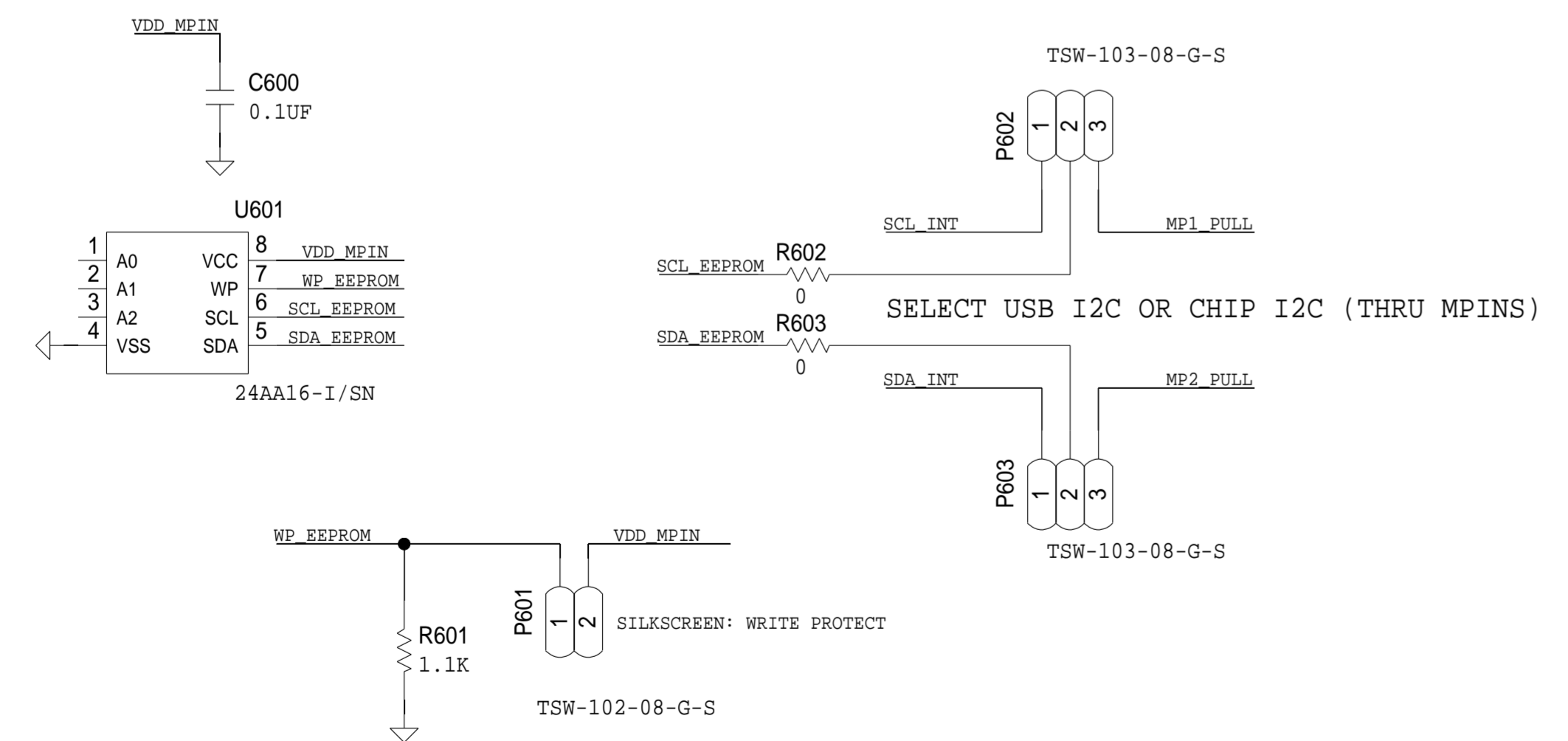
8 7 6 5 4 3 2 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

# MPIN SECTION



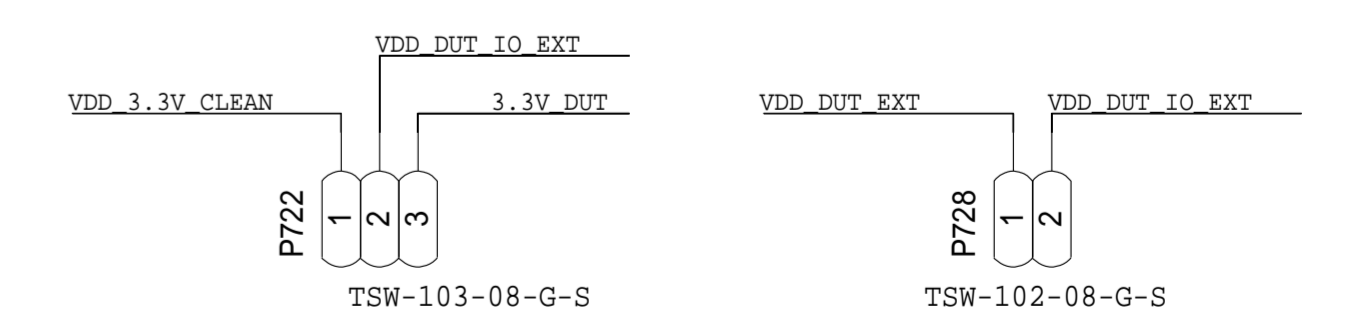
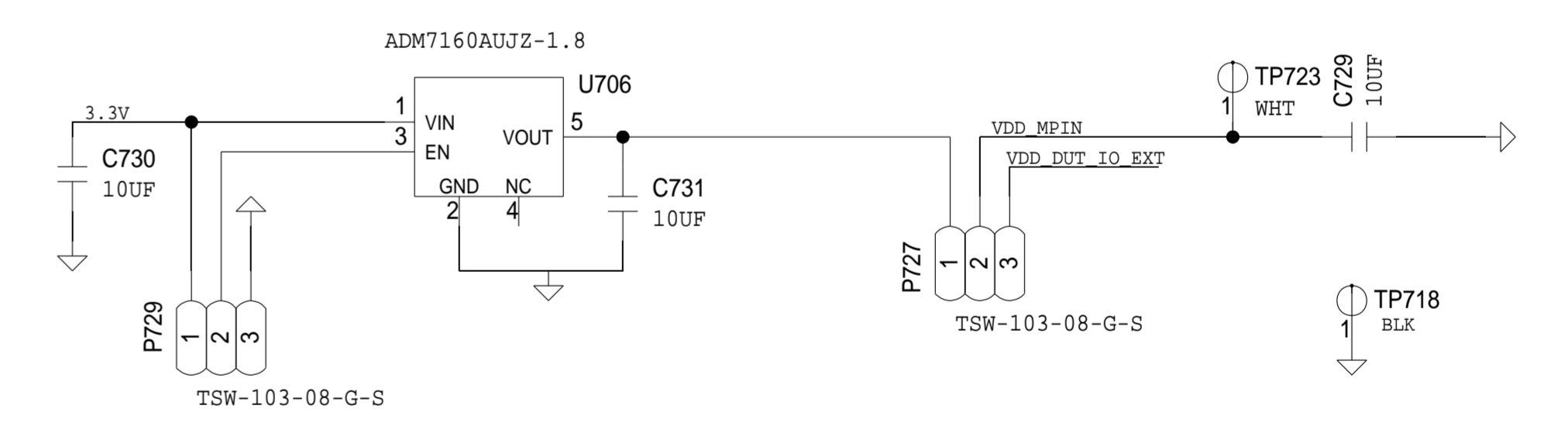
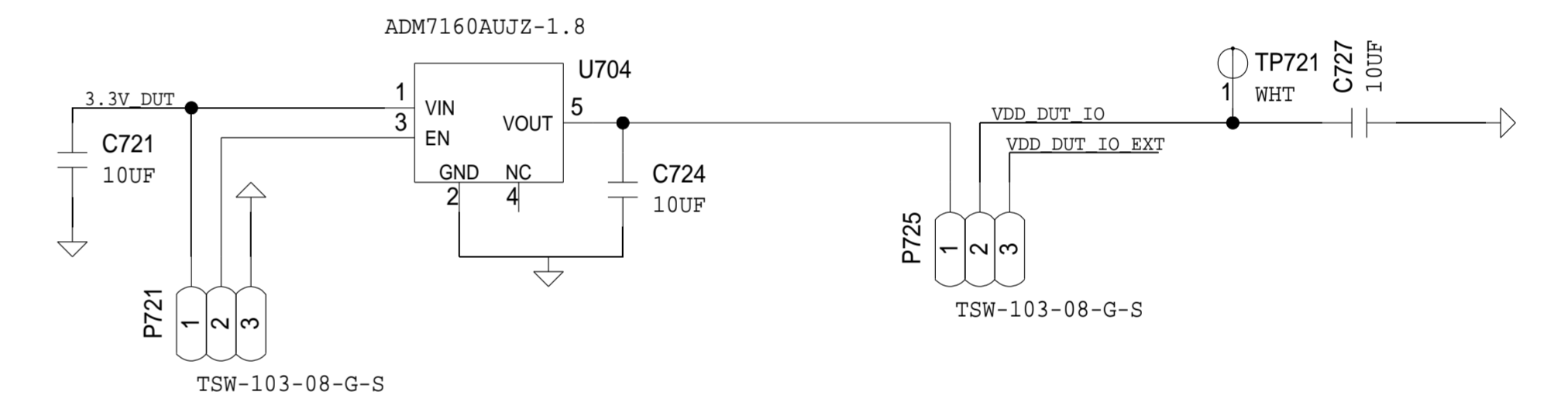
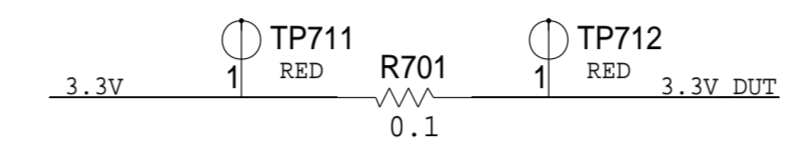
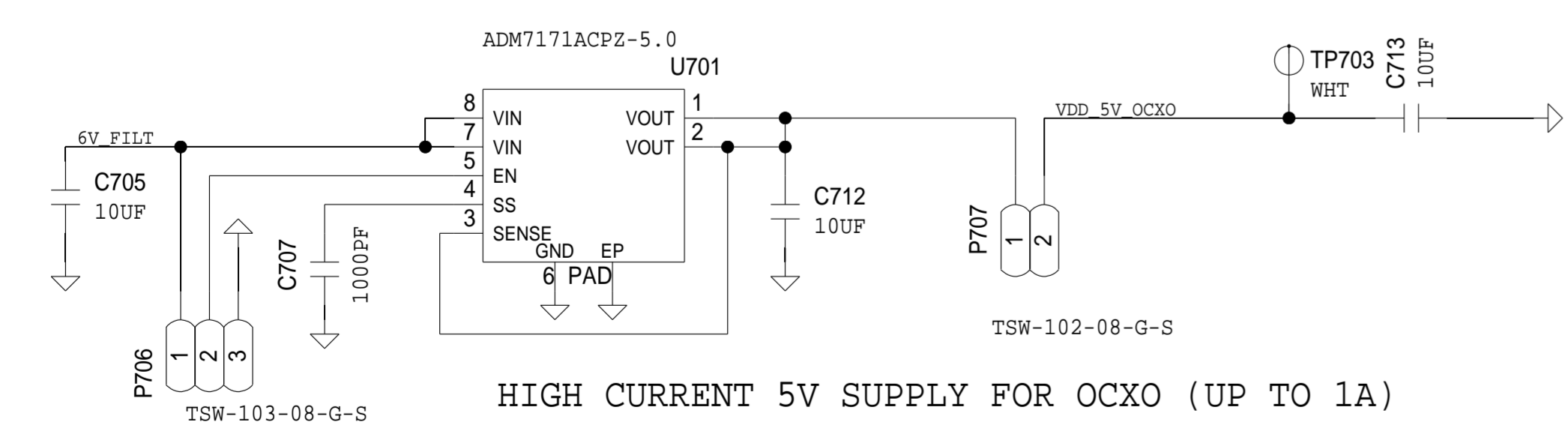
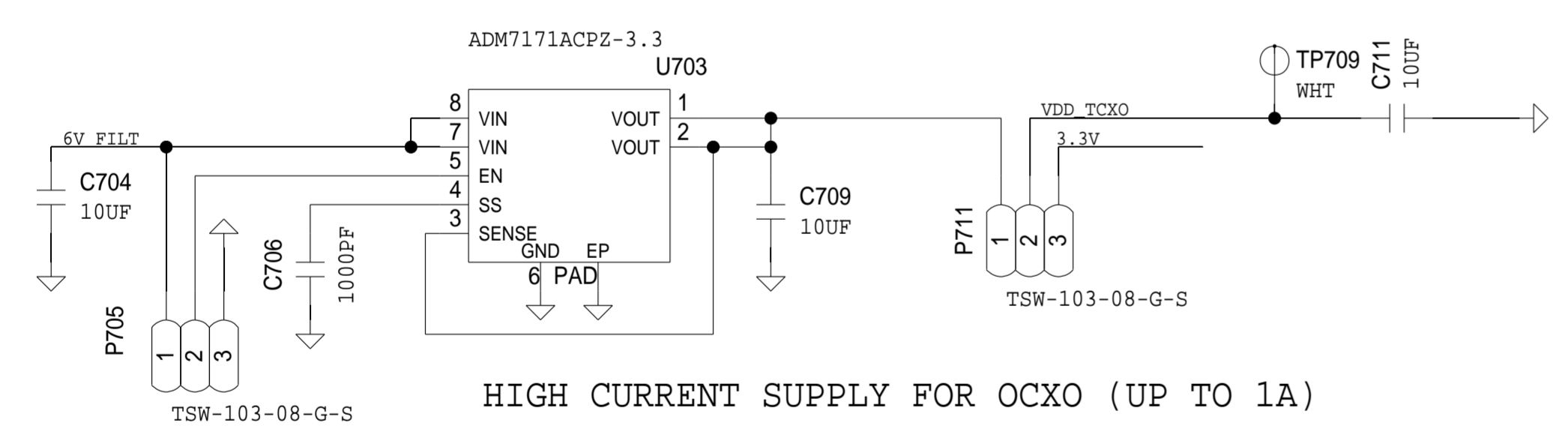
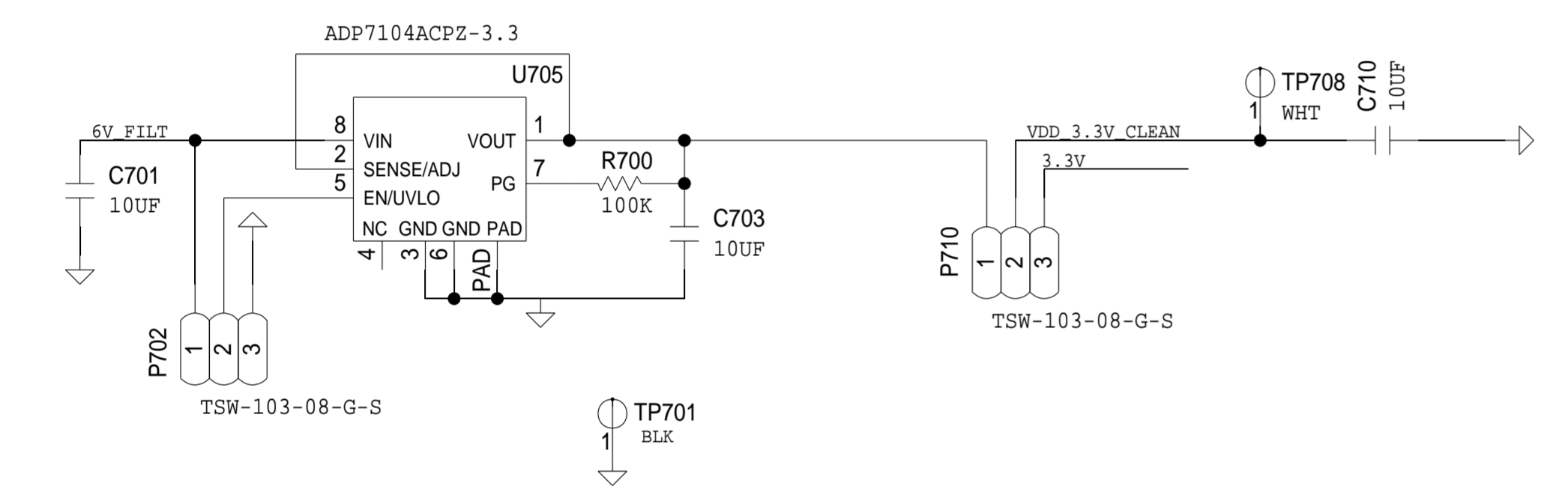
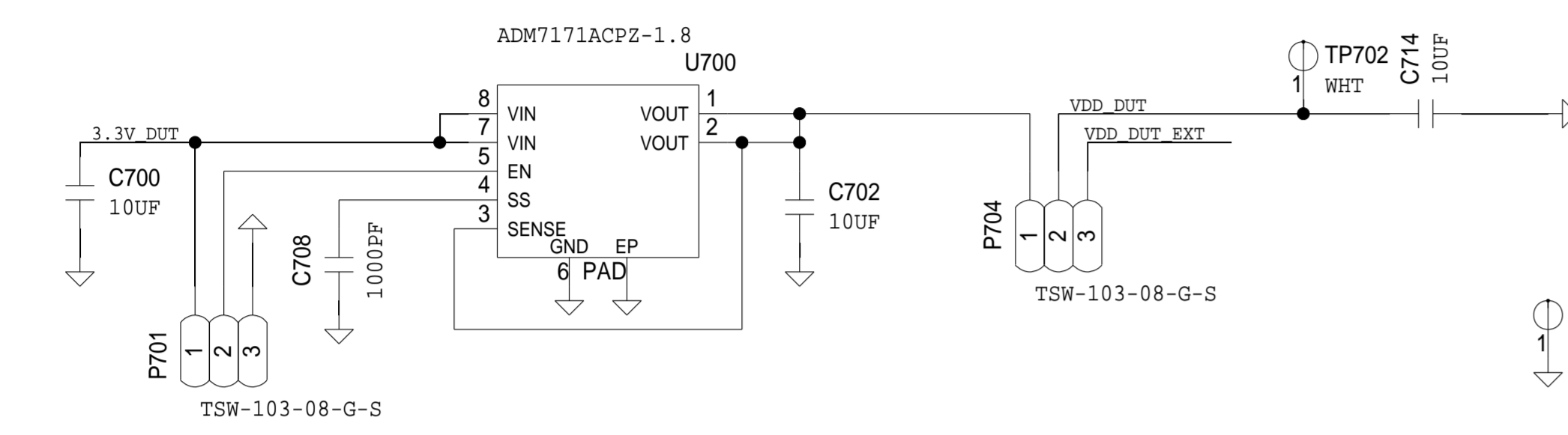
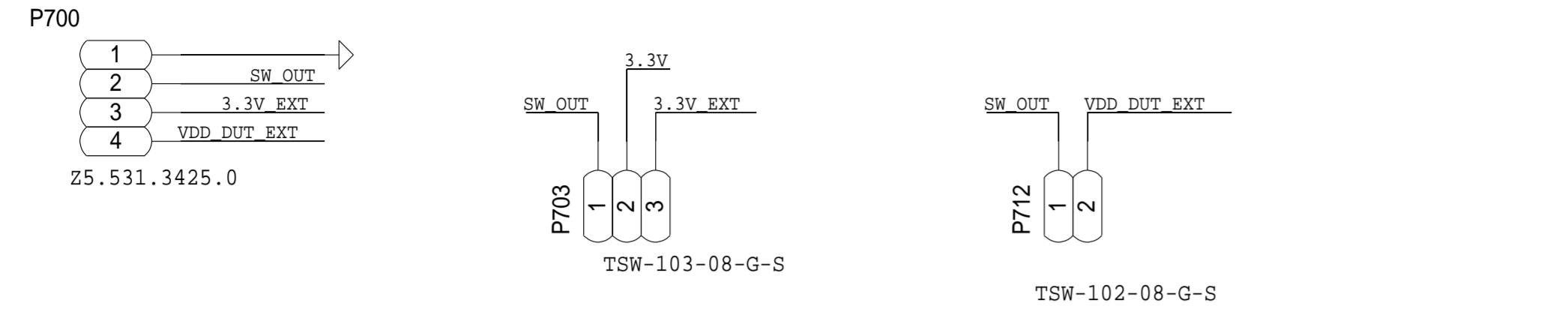
**AD9545 EEPROM**  
 I2C ADDRESS = 0X50-0X57?



	<b>SCHEMATIC</b> HW TYPE : Customer Evaluation Product(s) : AD9545 : AD9542/PCBZ		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_040513-02	REV D
PTD ENGINEER M. OSTRANDER	SIZE D	SCALE 1:1	SHEET 6 OF 8

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

# SUPPLY SECTION

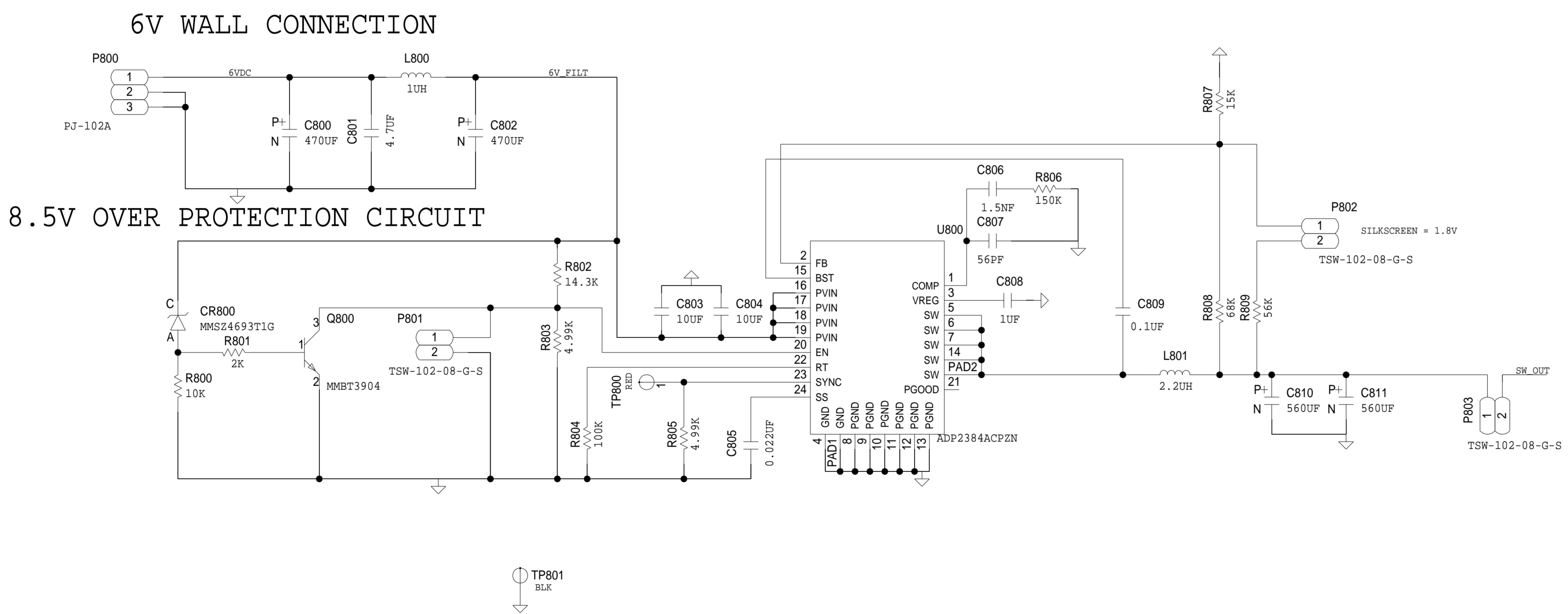


ANALOG DEVICES				SCHEMATIC			
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				Product(s) : AD9542/PCBZ		DESIGN VIEW : <DESIGN_VIEW>	
PTD ENGINEER : M. OSTRANDER				SIZE : D		SCALE : 1:1	
				SHEET 7		OF 8	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

# SWITCHER SECTION

## DC TO DC STEP DOWN - 6V TO 3.3V



	<b>SCHEMATIC</b>		
	HW TYPE : Customer Evaluation Product(s) : AD9545 : AD9542/PCBZ		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_040513-02	REV D
	PTD ENGINEER M. OSTRANDER	SIZE D	SCALE 1:1
		SHEET 8 OF 8	