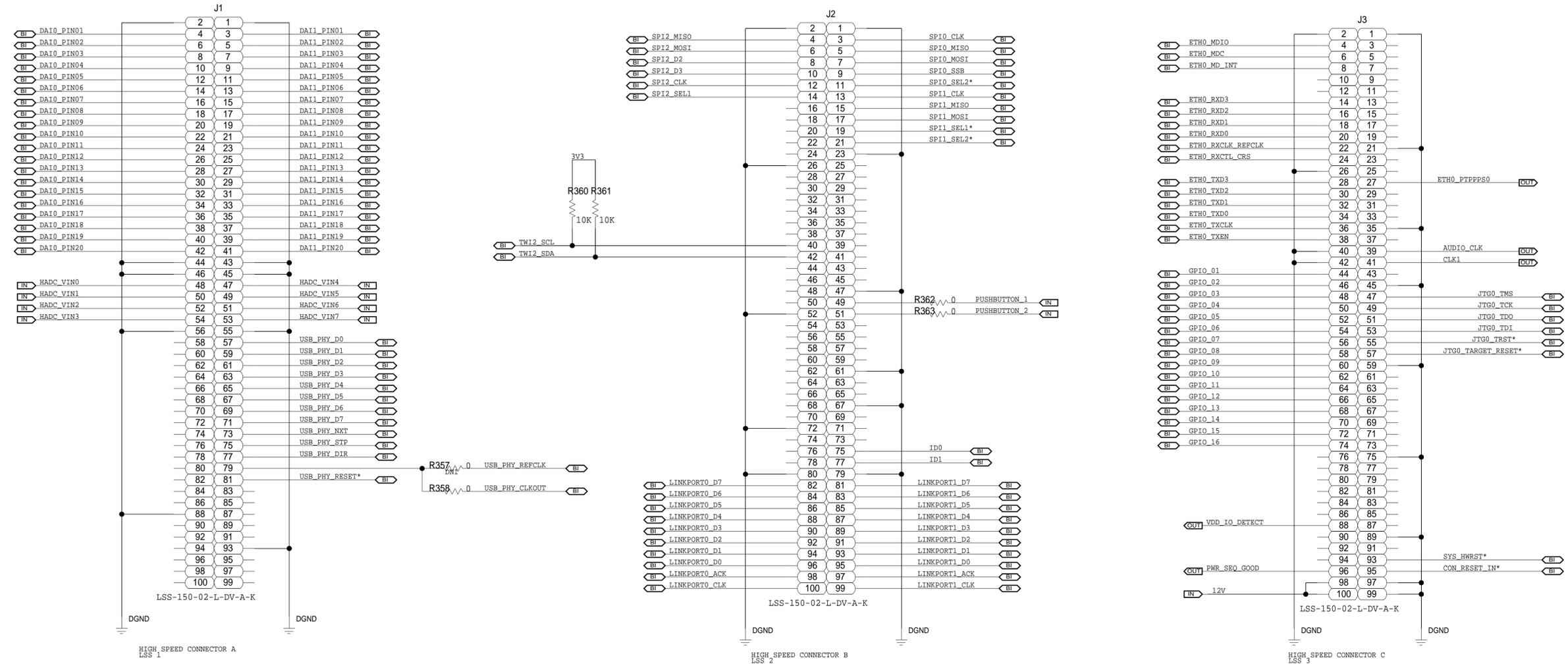




# SOM INTERFACE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

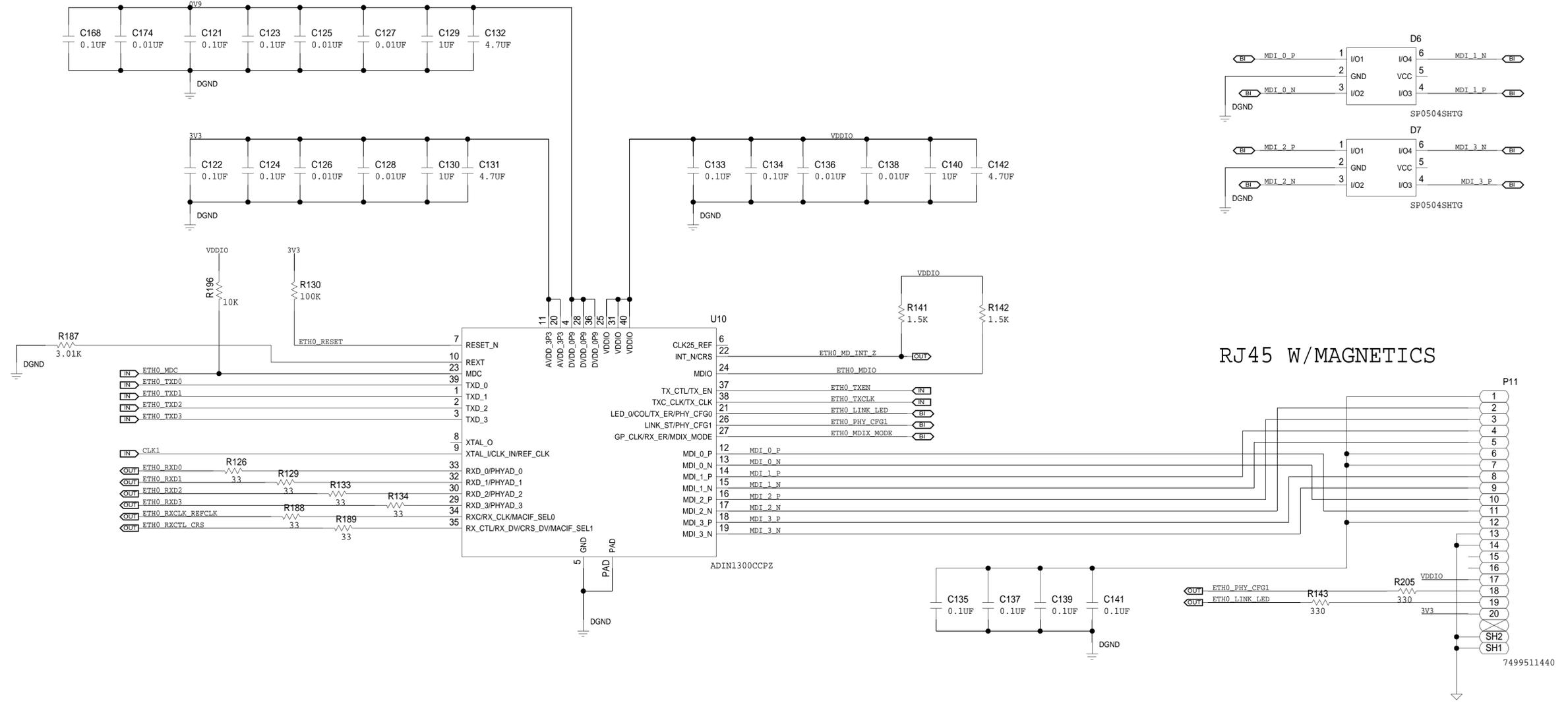


CONNECTORS NEED TO BE THE PICK AND PLACE (-K) AND PLACED BY MACHINE

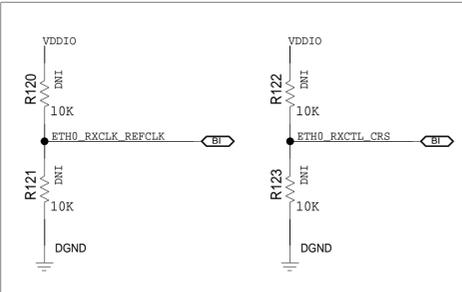
SCHEMATIC			
		HW TYPE : Customer Evaluation Z Product(s) : SOM Carrier	
DESIGN VIEW <DESIGN_VIEW>		DRAWING NO. 02_070361	
PTD ENGINEER D. HARRINGTON		SIZE D	SCALE 1:1
		SHEET 2 OF 13	

# GIGABIT ETHERNET RGMII

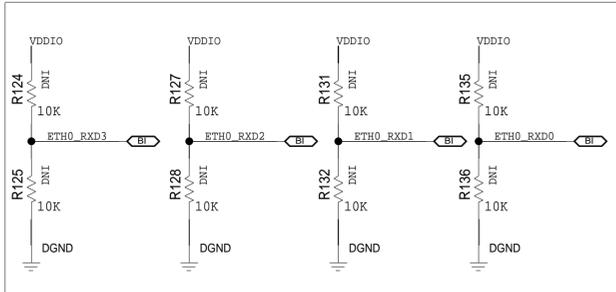
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



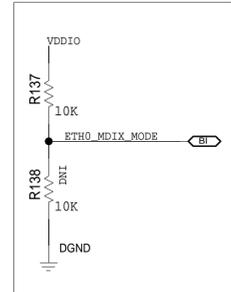
## MAC CONFIG



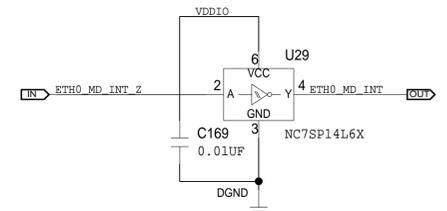
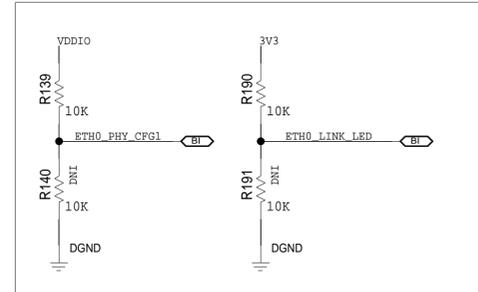
## PHY ADDRESS 0X00



## AUDO MDIX CONFIG MODE 4



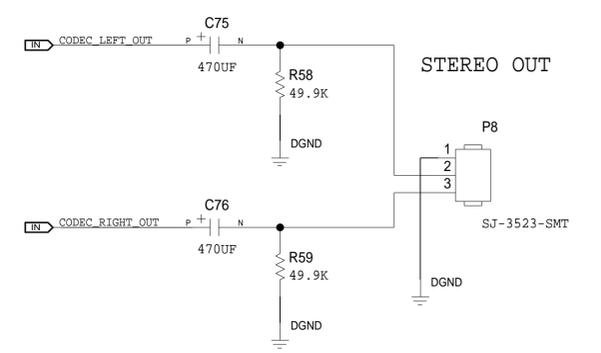
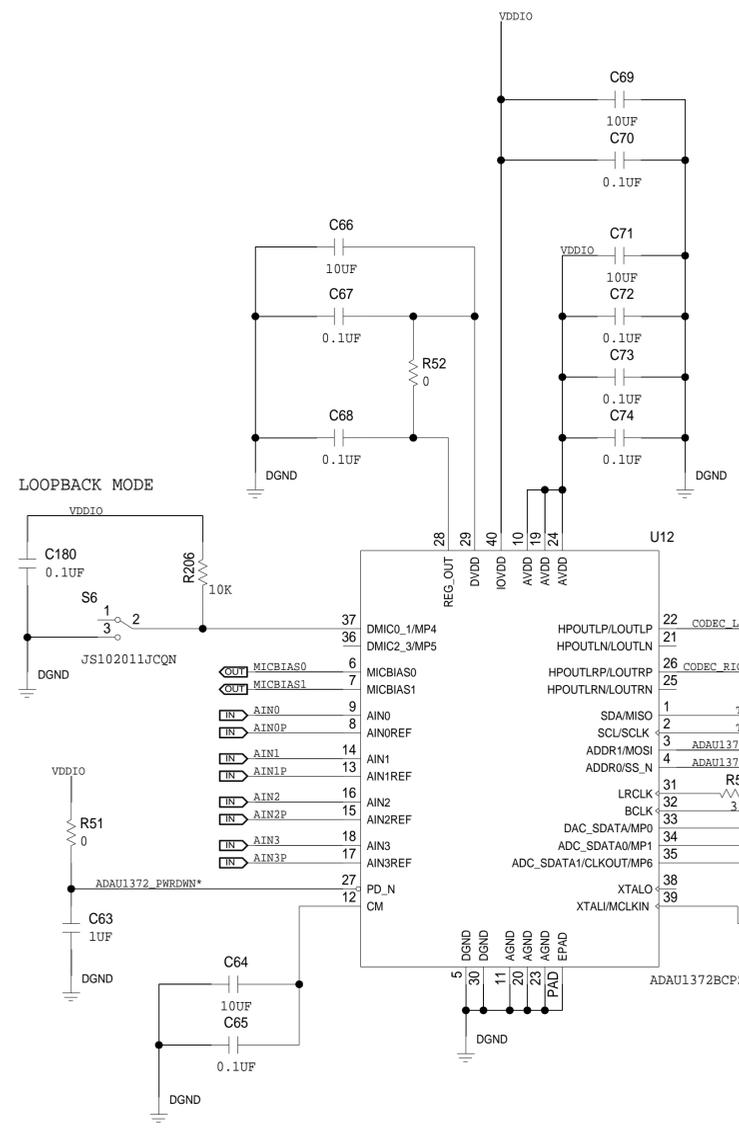
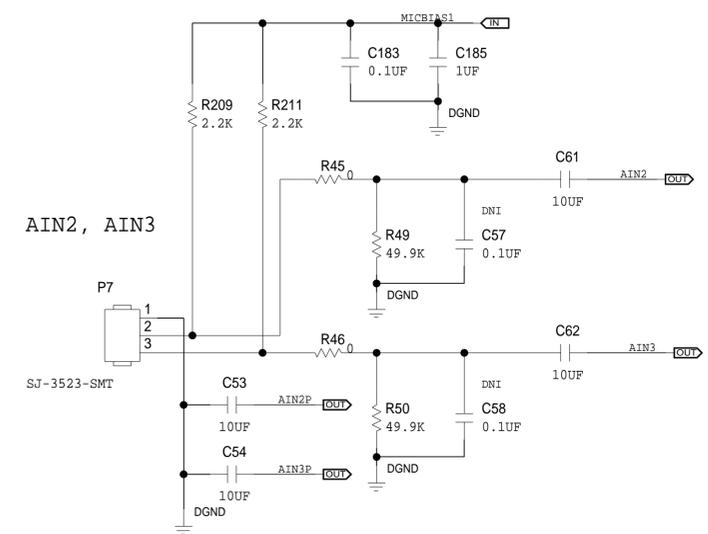
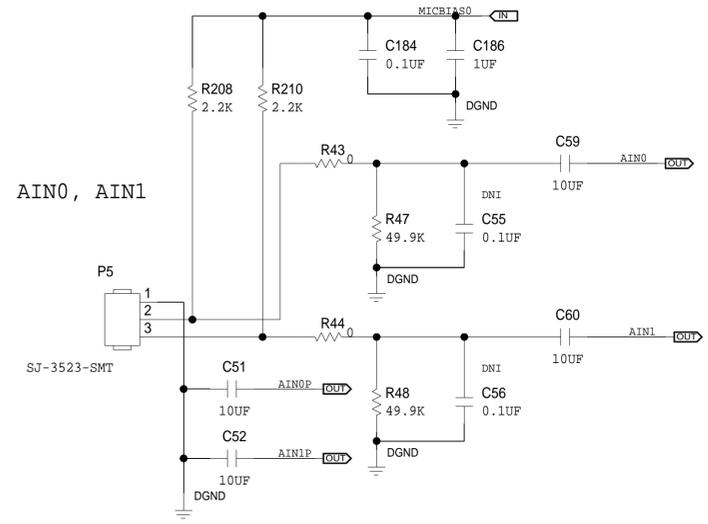
## PHY CONFIG MODE 4



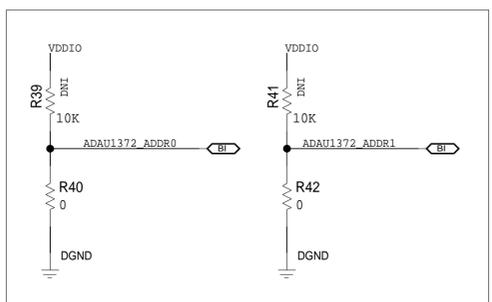
	<b>SCHEMATIC</b>		
	HW TYPE : Customer Evaluation Z		
	Product(s) : SOM		
	: SOM Carrier		
DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_070361	REV D	
PTD ENGINEER D. HARRINGTON	SIZE D	SCALE 1:1	SHEET 3 OF 13

# ADAU1372 CODEC

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



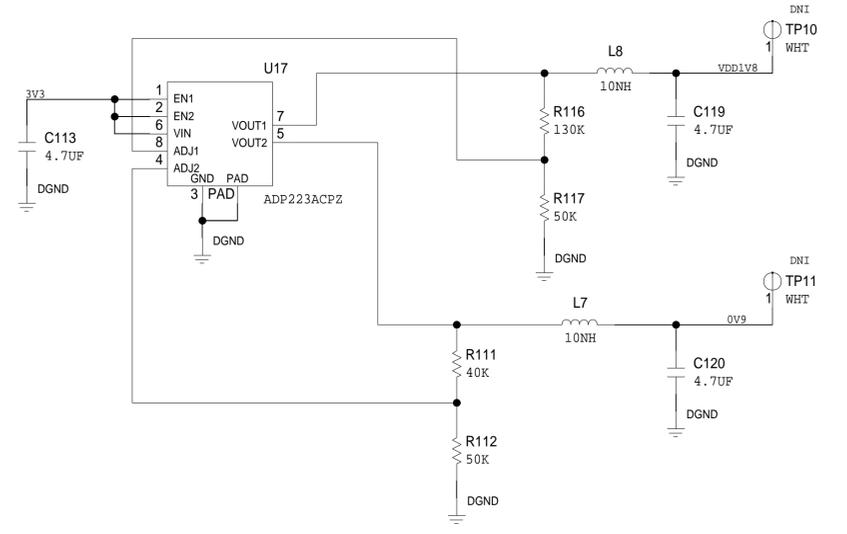
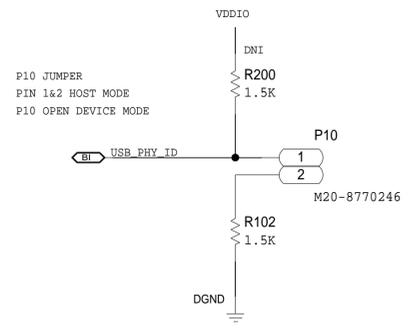
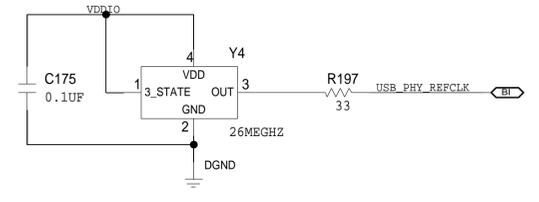
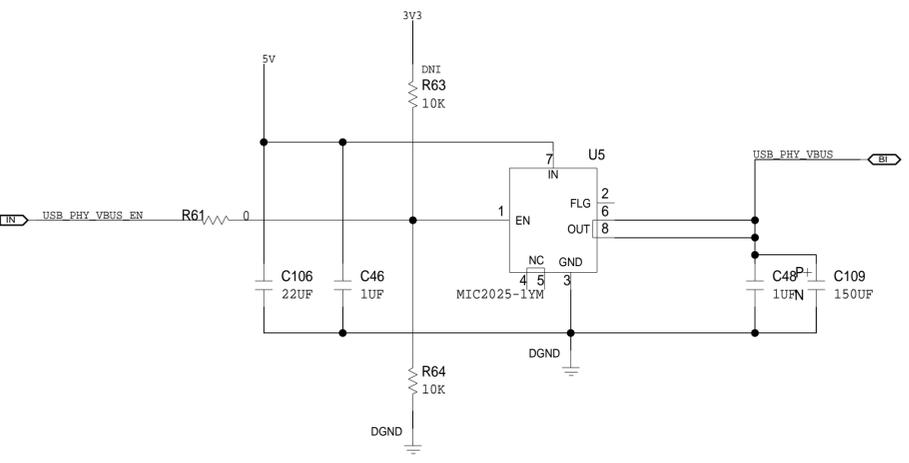
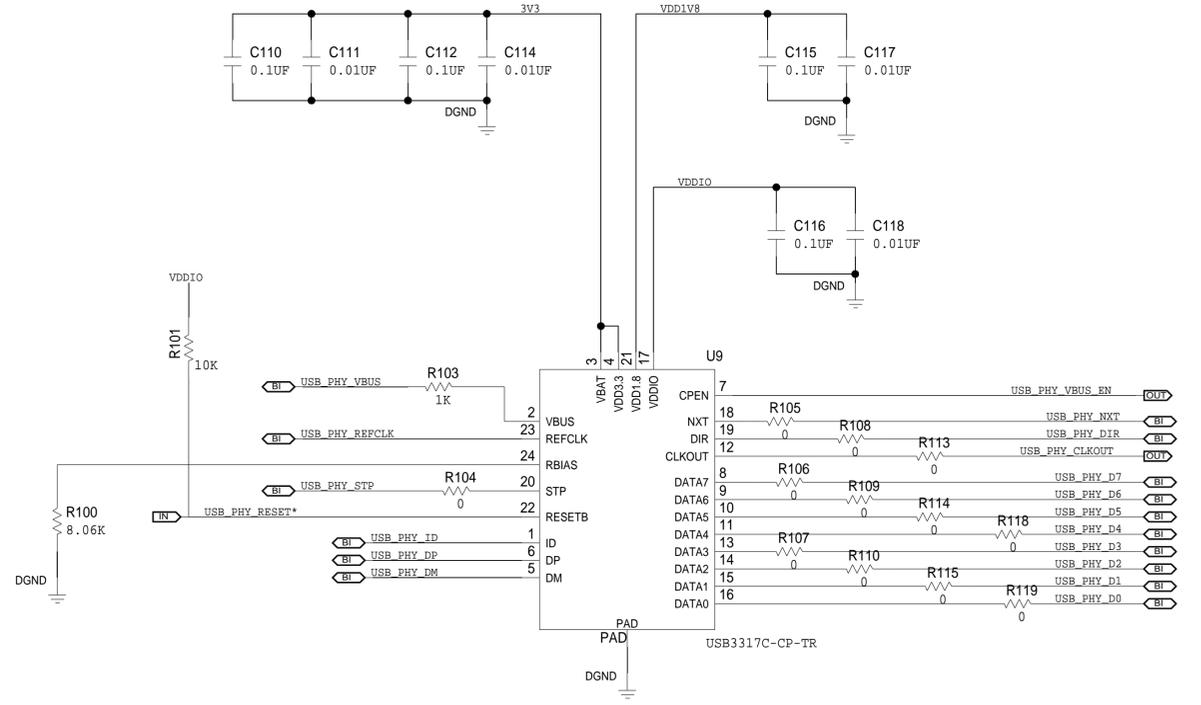
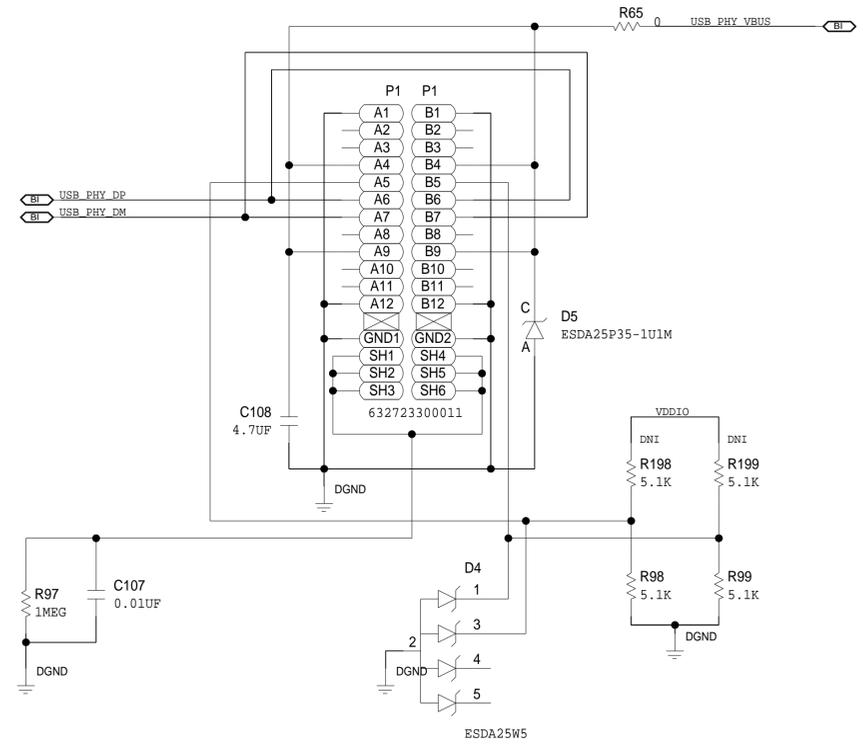
## I2C ADDRESS 0X3C



	<b>SCHEMATIC</b>		
	HW TYPE : Customer Evaluation Z		
	Product(s): SOM		
	: SOM Carrier		
DESIGN VIEW	DRAWING NO.	REV	
<DESIGN_VIEW>	02_070361	D	
PTD ENGINEER	SIZE	SCALE	
D. HARRINGTON	D	1:1	SHEET 4 OF 13

# USB3317 PHY

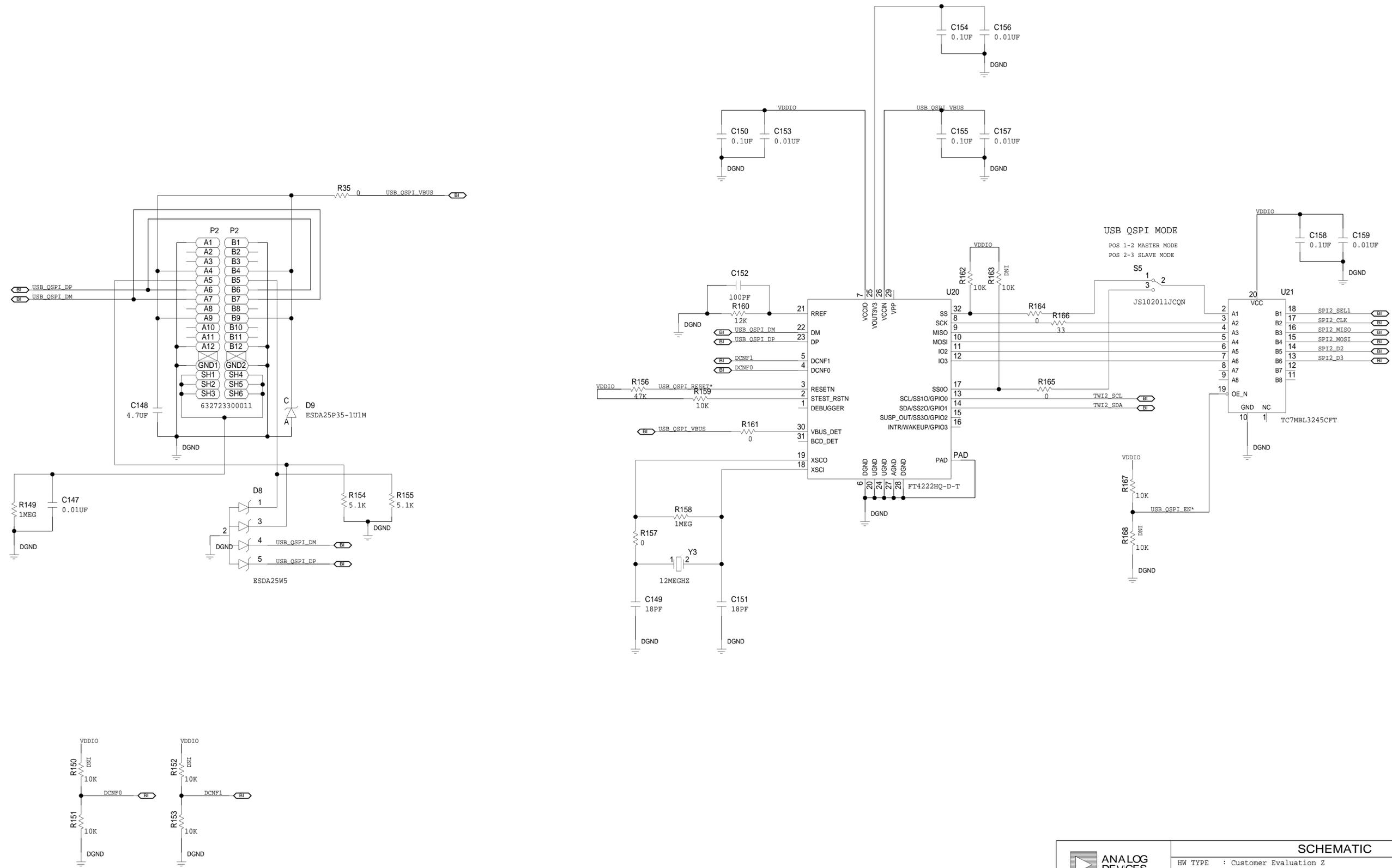
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



	<b>SCHEMATIC</b>		
	HW TYPE : Customer Evaluation Z		
	Product(s) : SOM		
	: SOM Carrier		
DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_070361	REV D	
PTD ENGINEER D. HARRINGTON	SIZE D	SCALE 1:1	SHEET 5 OF 13

# USB QSPI INTERFACE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



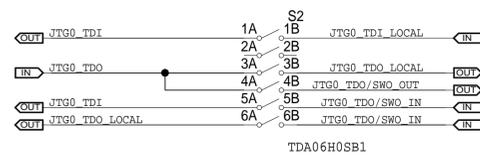
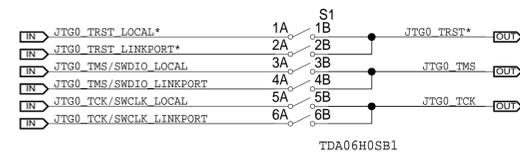
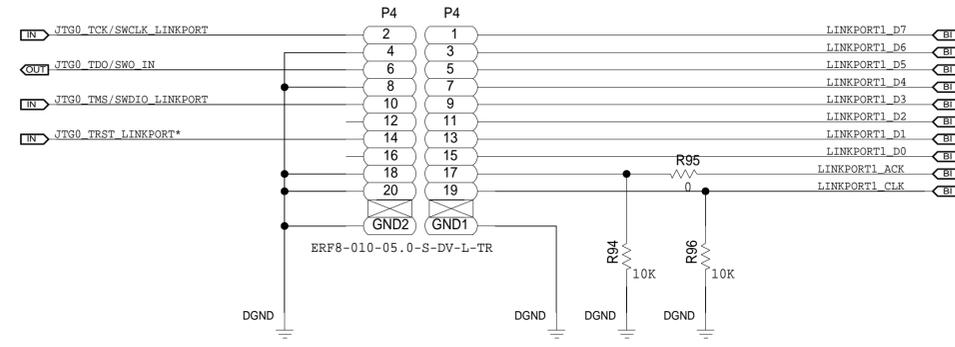
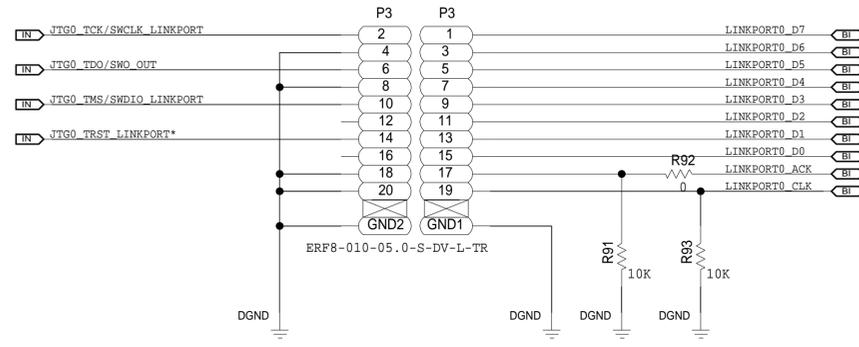
SCHEMATIC			
		HW TYPE : Customer Evaluation Z Product(s) : SOM : SOM Carrier	
DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_070361	REV D	
PTD ENGINEER D. HARRINGTON	SIZE D	SCALE 1:1	SHEET 6 OF 13

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# LINKPORT

## REVISIONS

REV	DESCRIPTION	DATE	APPROVED



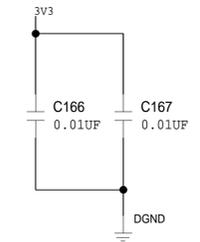
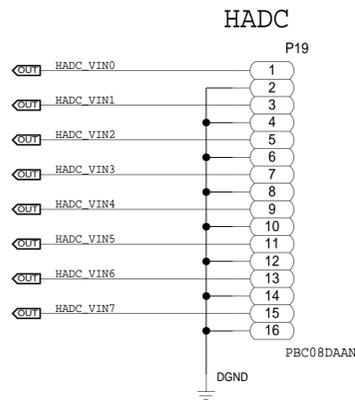
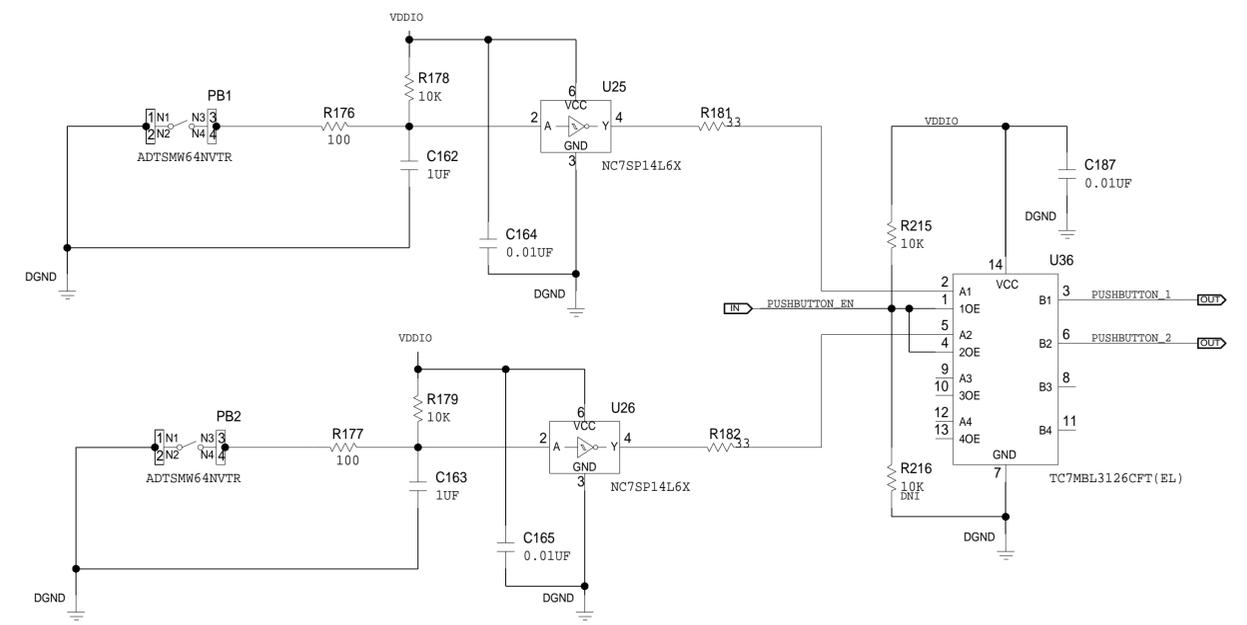
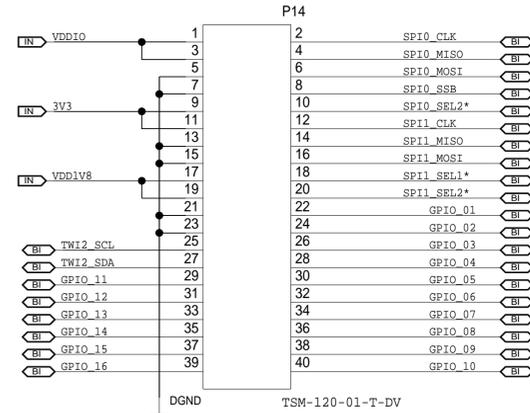
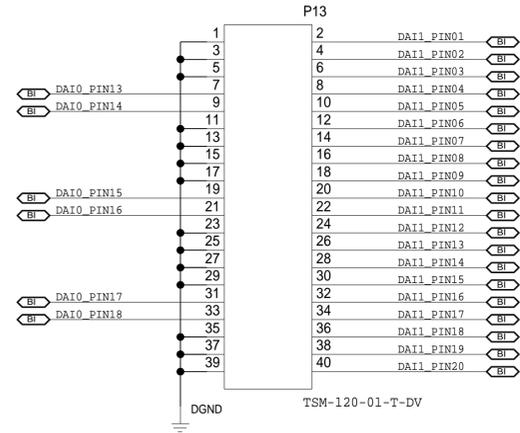
Single DSP in Chain		Multiple DSPs		Board(s) not attached to emulator	
		Board attached to emulator		Board(s) not attached to emulator	
SWITCH	POSITION	SWITCH	POSITION	SWITCH	POSITION
S1.1	ON	S1.1	ON	S1.1	OFF
S1.2	OFF	S1.2	ON	S1.2	ON
S1.3	ON	S1.3	ON	S1.3	OFF
S1.4	OFF	S1.4	ON	S1.4	ON
S1.5	ON	S1.5	ON	S1.5	OFF
S1.6	OFF	S1.6	ON	S1.6	ON
S2.1	ON	S2.1	ON	S2.1	OFF
S2.2	OFF	S2.2	OFF	S2.2	OFF
S2.3	ON	S2.3	OFF	S2.3	OFF
S2.4	OFF	S2.4	ON	S2.4	ON
S2.5	OFF	S2.5	OFF	S2.5	ON
S2.6	OFF	S2.6	ON	S2.6	OFF

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	HW TYPE : Customer Evaluation Z Product(s): SOM : SOM Carrier		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_070361	REV D
	PTD ENGINEER D. HARRINGTON	SIZE D	SCALE 1:1

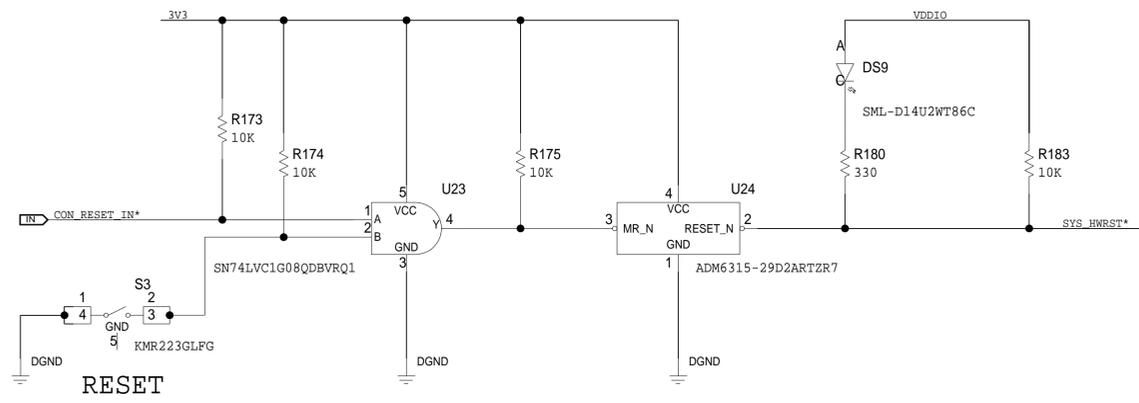
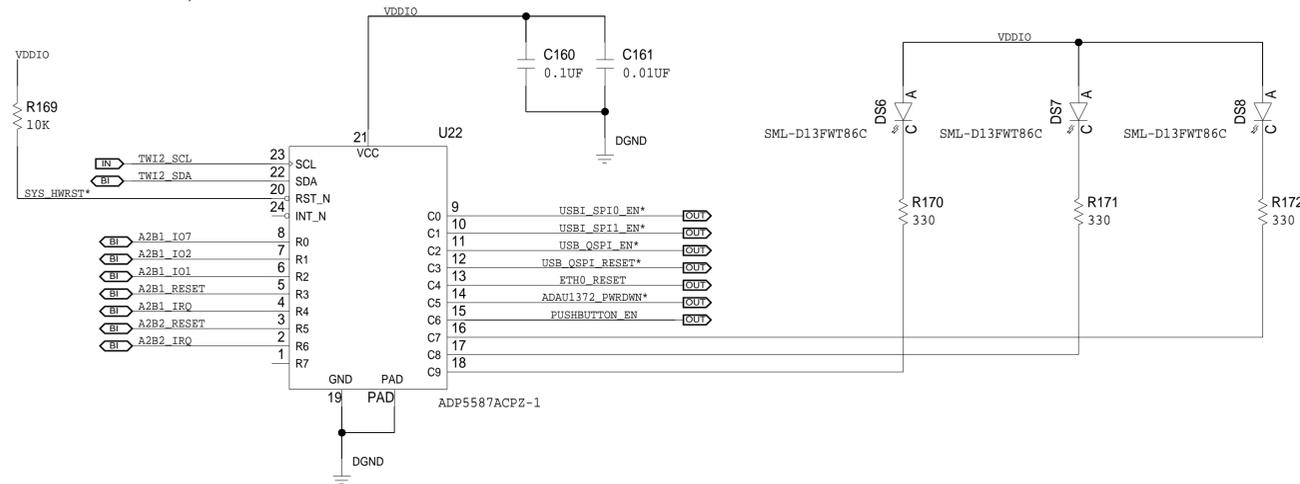
SHEET 7 OF 13

# IO HEADER/PUSHBUTTONS/SOFTCONFIG

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

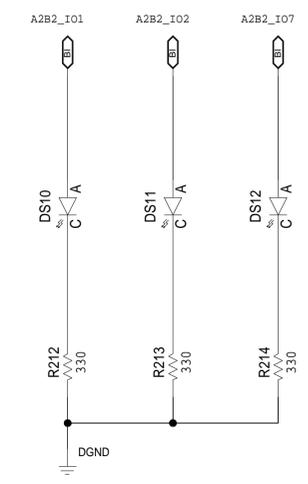
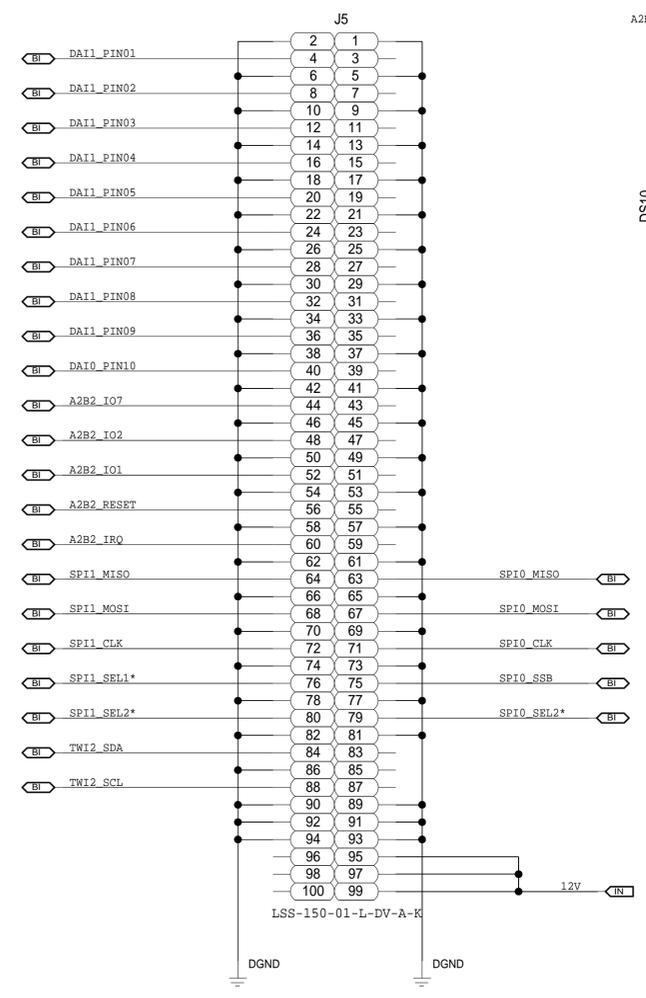
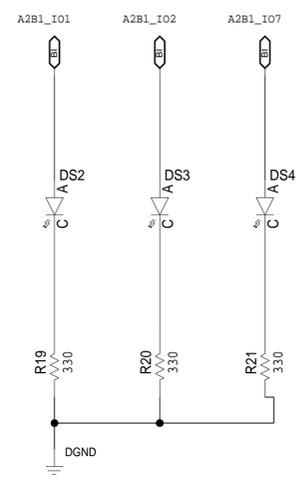
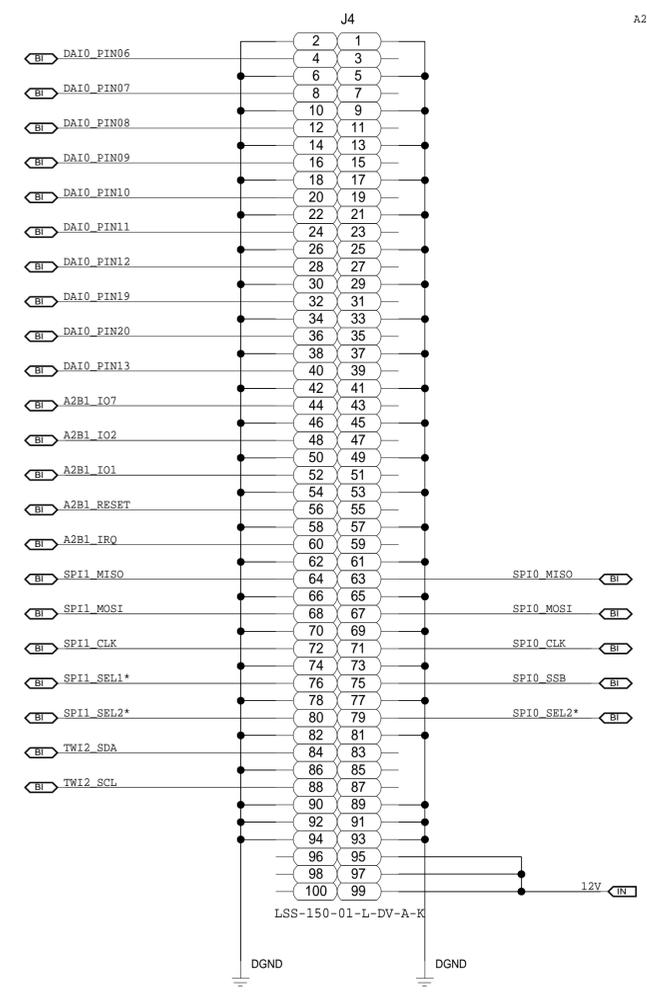


TWI ADDRESS 0X30  
0110000X X: 1 FOR READ, 0 FOR WRITE



ANALOG DEVICES				SCHEMATIC			
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				DESIGN VIEW <DESIGN_VIEW>		DRAWING NO. 02_070361	
PTD ENGINEER D. HARRINGTON		SIZE D		SCALE 1:1		SHEET 8 OF 13	

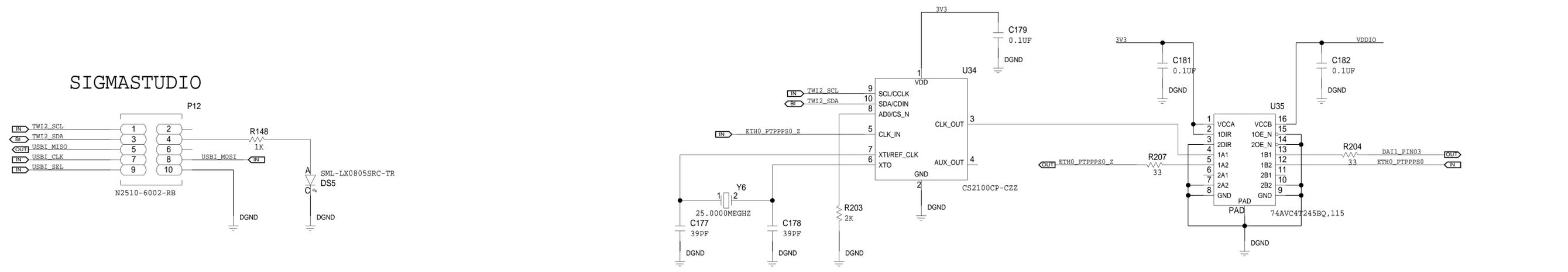
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



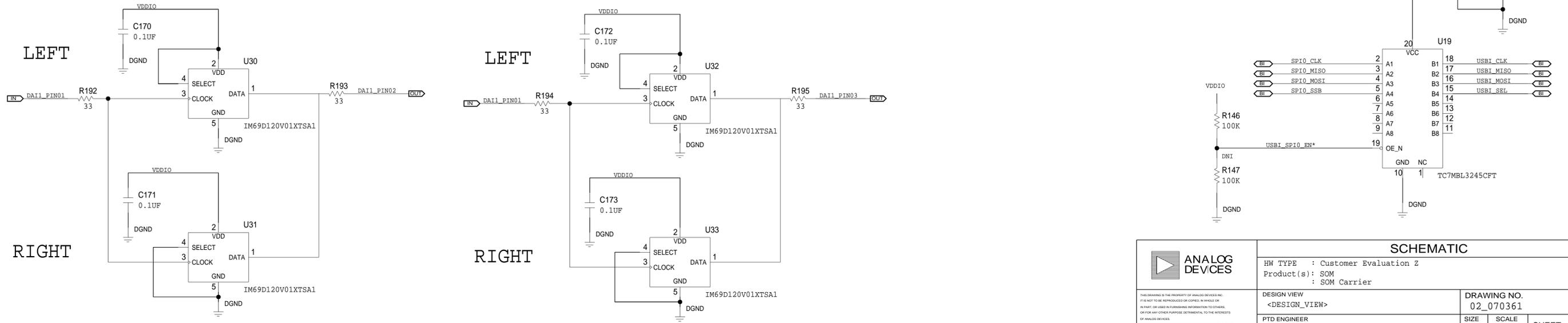
	<b>SCHEMATIC</b>		
	HW TYPE : Customer Evaluation Z Product(s) : SOM : SOM Carrier		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_070361	REV D
PTD ENGINEER D. HARRINGTON	SIZE D	SCALE 1:1	SHEET 9 OF 13

# SIGMASTUDIO/PDM MICS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



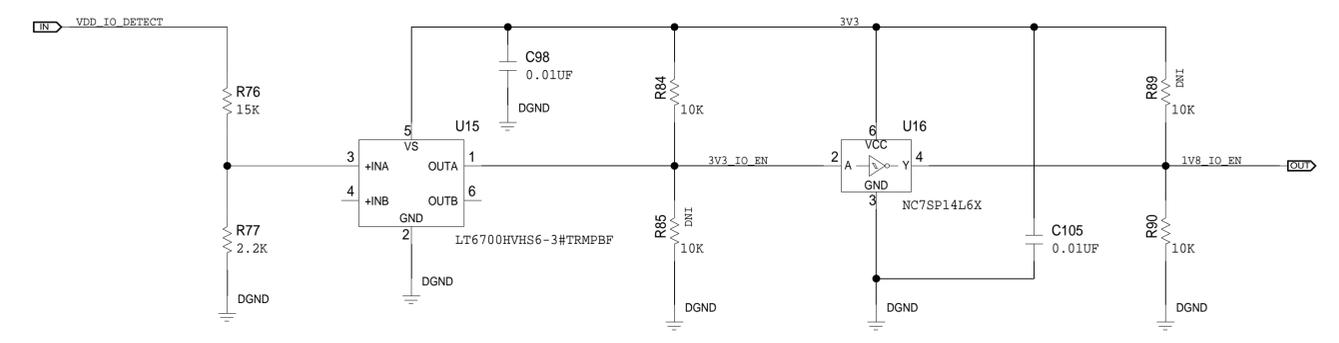
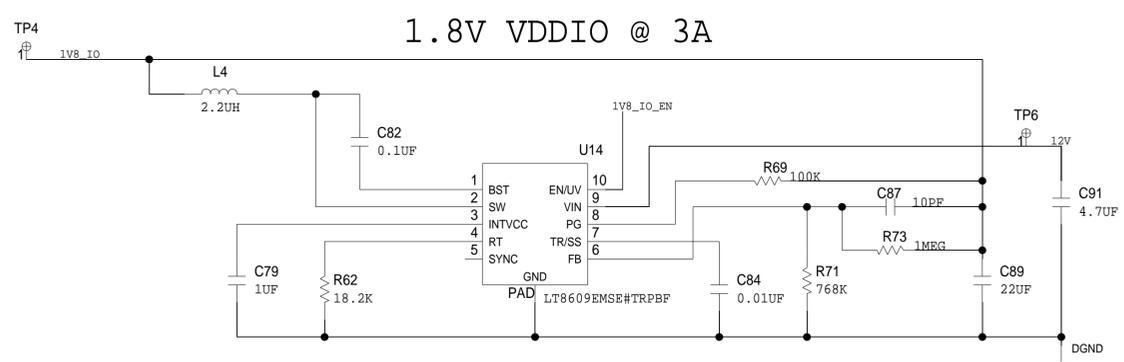
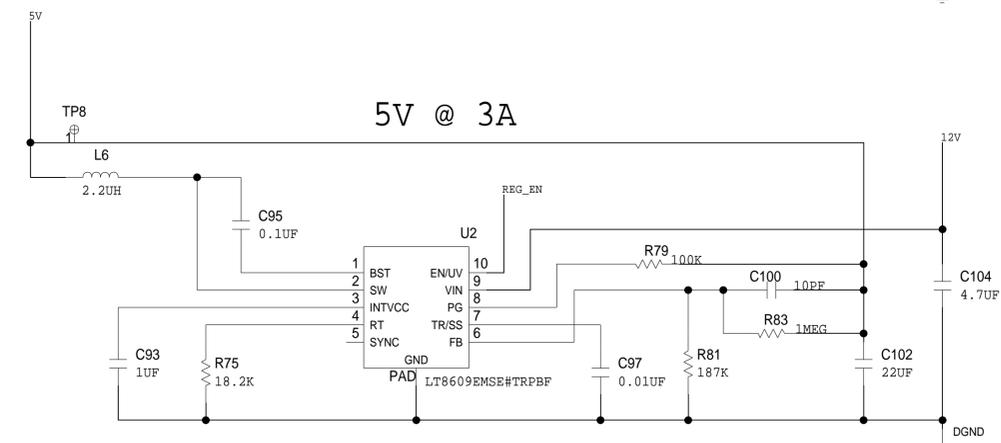
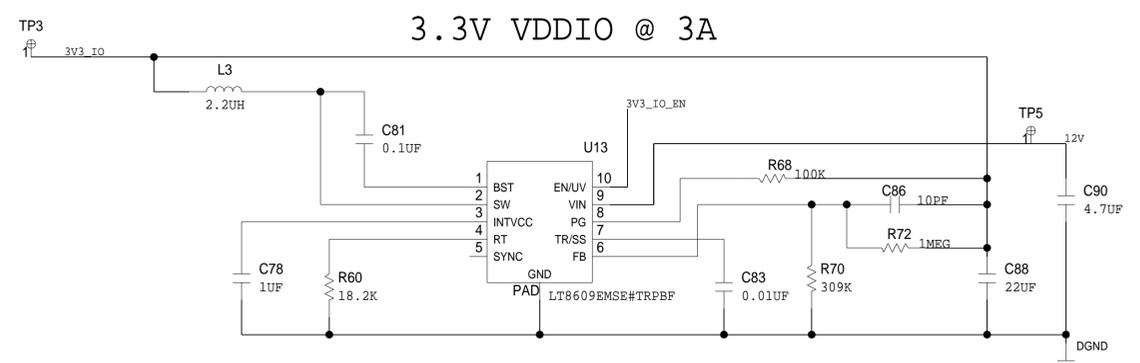
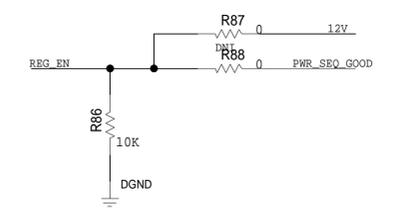
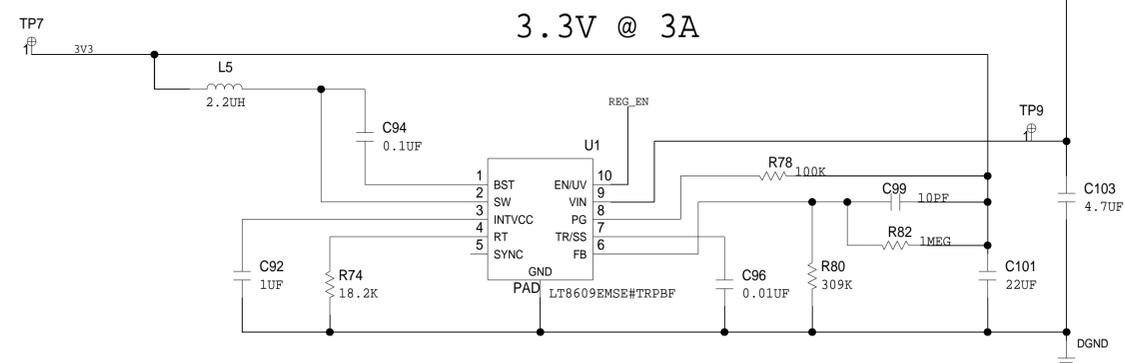
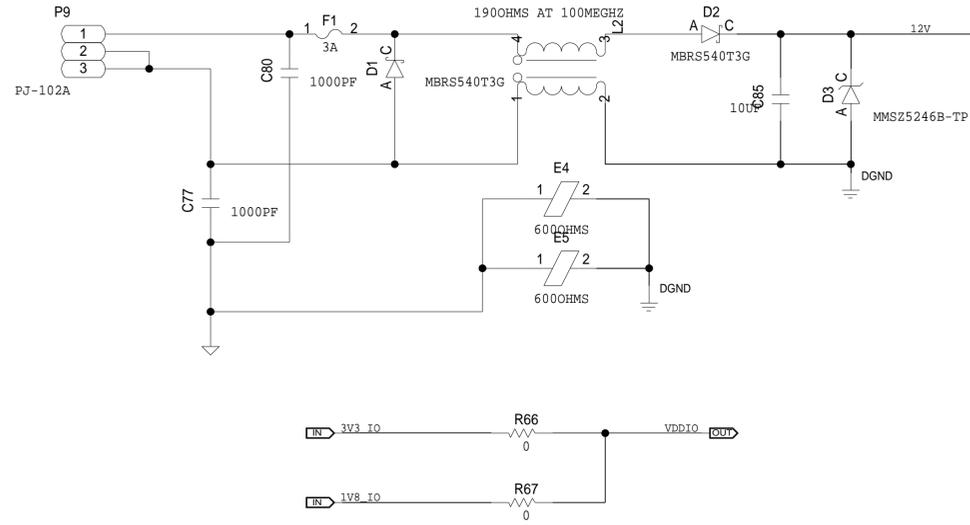
# PDM MICS



	<b>SCHEMATIC</b>		
	HW TYPE : Customer Evaluation Z		
	Product(s) : SOM		
	: SOM Carrier		
DESIGN VIEW	DRAWING NO.		REV
<DESIGN_VIEW>	02_070361		D
PTD ENGINEER	SIZE	SCALE	SHEET
D. HARRINGTON	D	1:1	10 OF 13

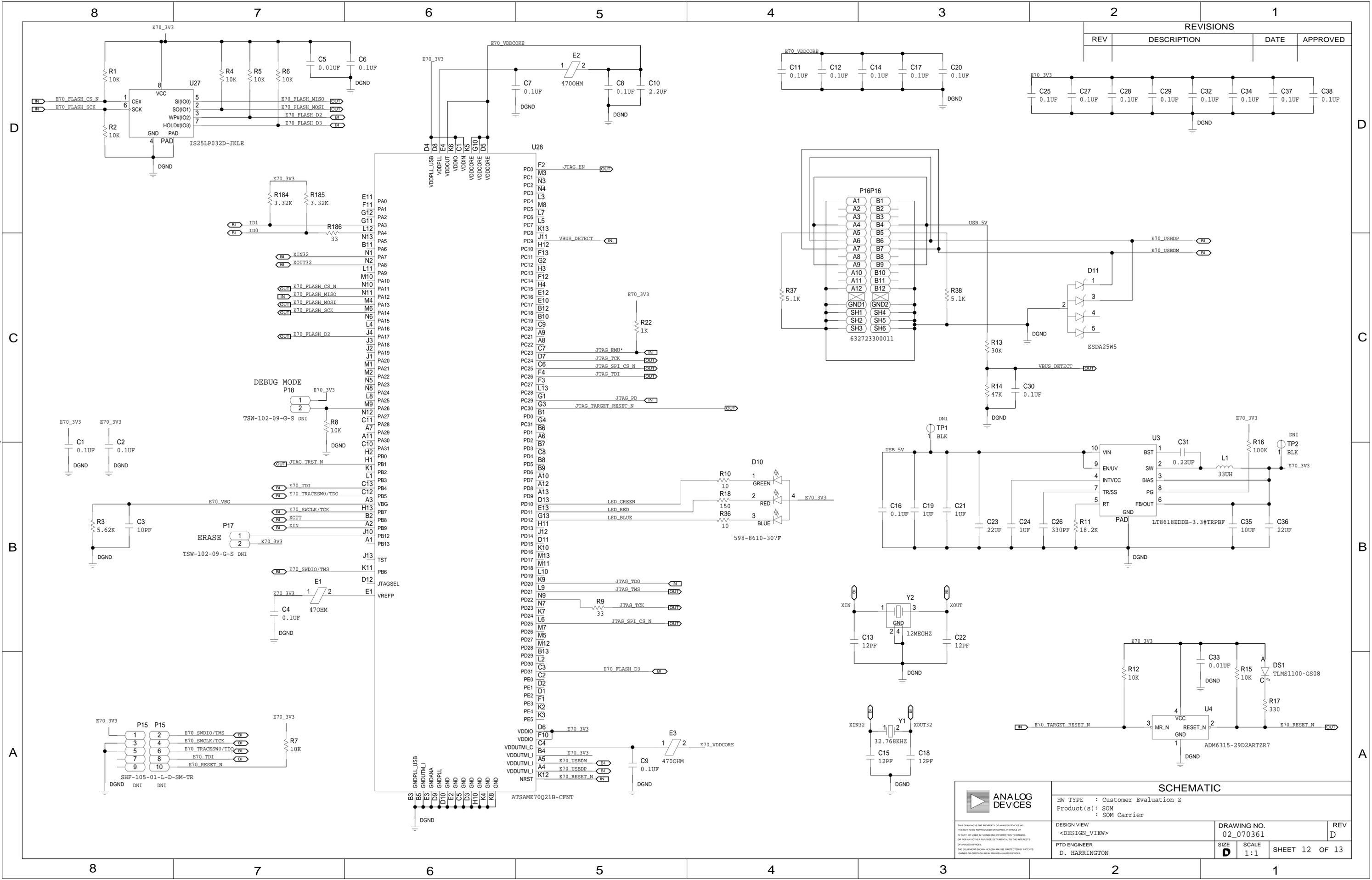
# POWER SUPPLY

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



	<b>SCHEMATIC</b>			
	HW TYPE : Customer Evaluation Z			
	Product(s): SOM			
	: SOM Carrier			
DESIGN VIEW	DRAWING NO.		REV	
<DESIGN_VIEW>	02_070361		D	
PTD ENGINEER	SIZE	SCALE	SHEET 11 OF 13	
D. HARRINGTON	D	1:1		

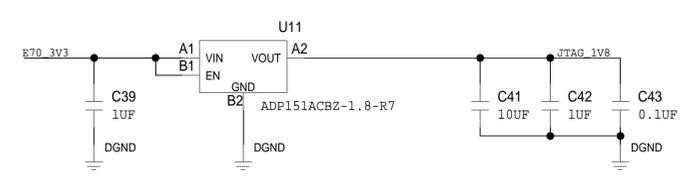
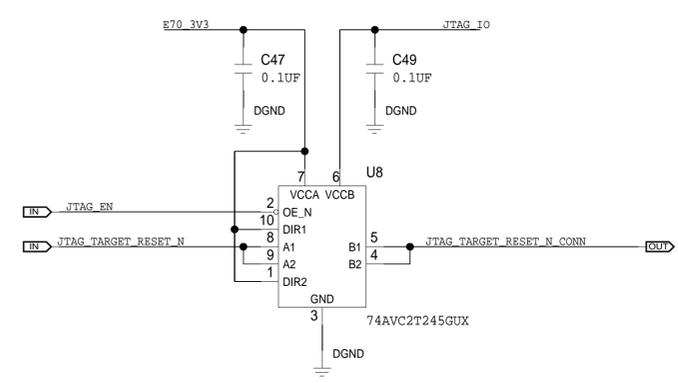
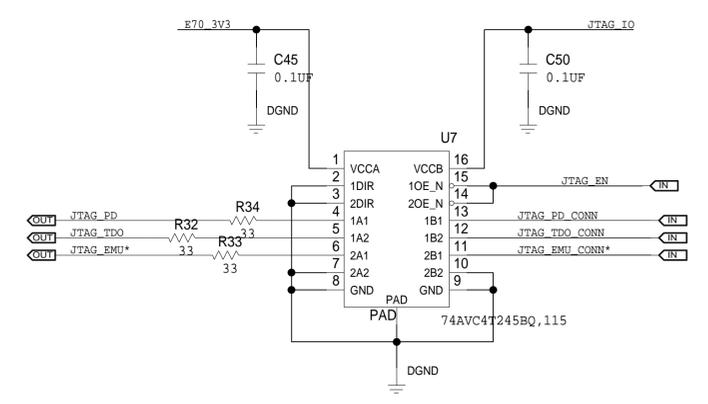
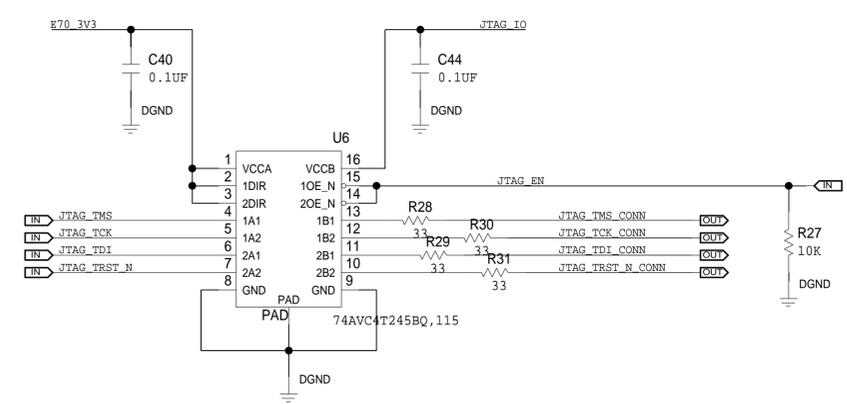
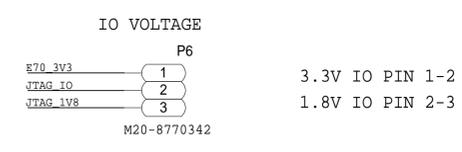
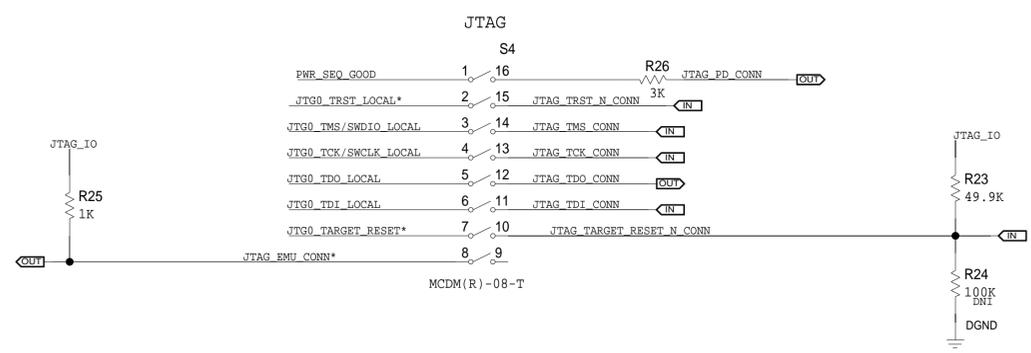
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



	<b>SCHEMATIC</b>		
	HW TYPE : Customer Evaluation Z		
	Product(s) : SOM Carrier		
	Product(s) : SOM Carrier		
DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_070361	REV D	
PTD ENGINEER D. HARRINGTON	SIZE D	SCALE 1:1	SHEET 12 OF 13

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



	<b>SCHEMATIC</b>		
	HW TYPE : Customer Evaluation Z		
	Product(s) : SOM		
	: SOM Carrier		
DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_070361	REV D	
PTD ENGINEER D. HARRINGTON	SIZE D	SCALE 1:1	SHEET 13 OF 13