


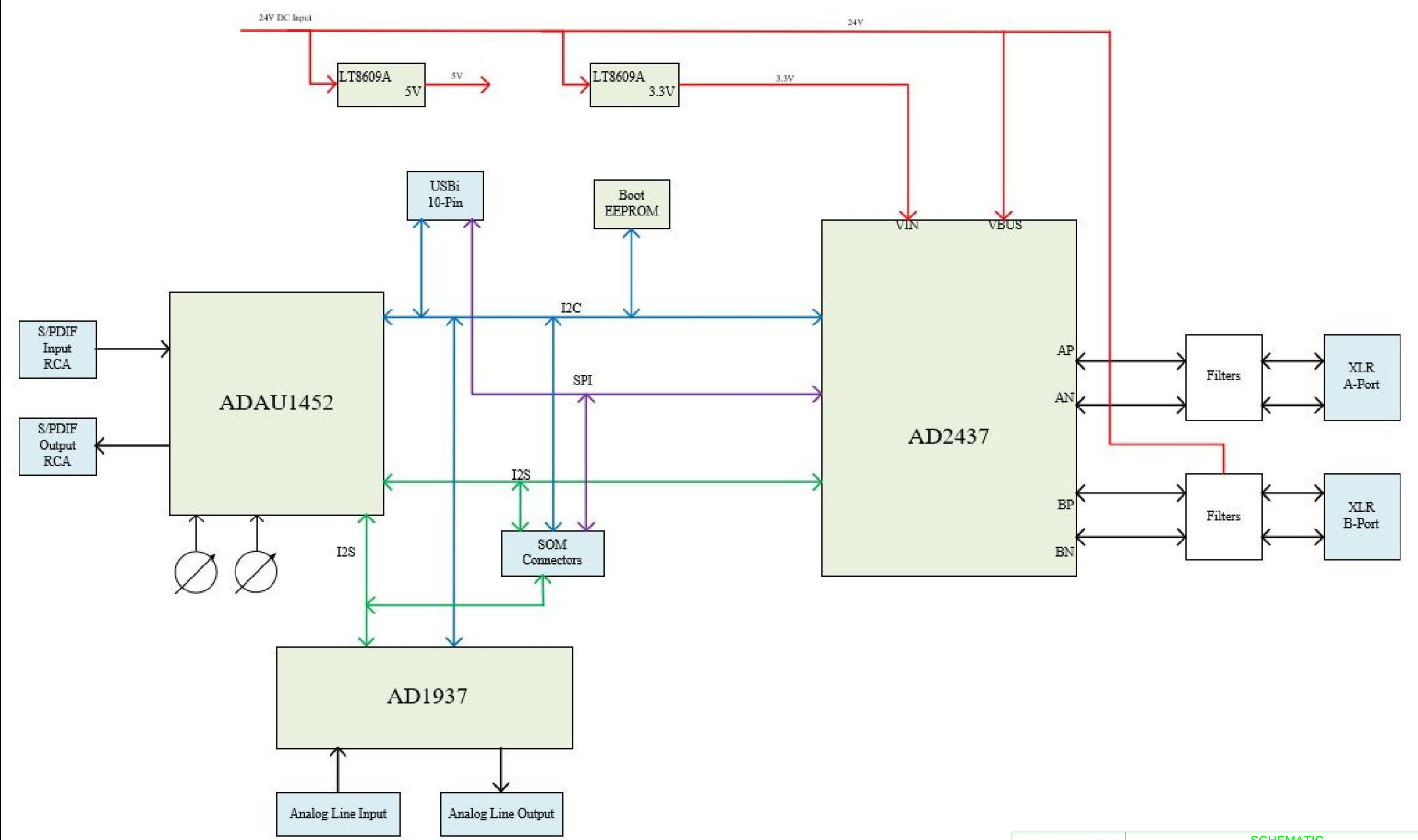
EVAL-AD2437A1NZ

MAIN NODE / LOCAL POWERED SUB NODE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	07JUL21	K. GAGNE
B	CHANGES PER ECR-106612	24FEB22	R. WHITNEY
C	CHANGES PER ECR-110021	01DEC22	R. WHITNEY
D	CHANGES PER ECR-113567	03APR23	R. WHITNEY
E	CHANGES PER ECR-114324	09MAY23	R. WHITNEY
F	CHANGES PER ECR-116013	10AUG23	R. WHITNEY

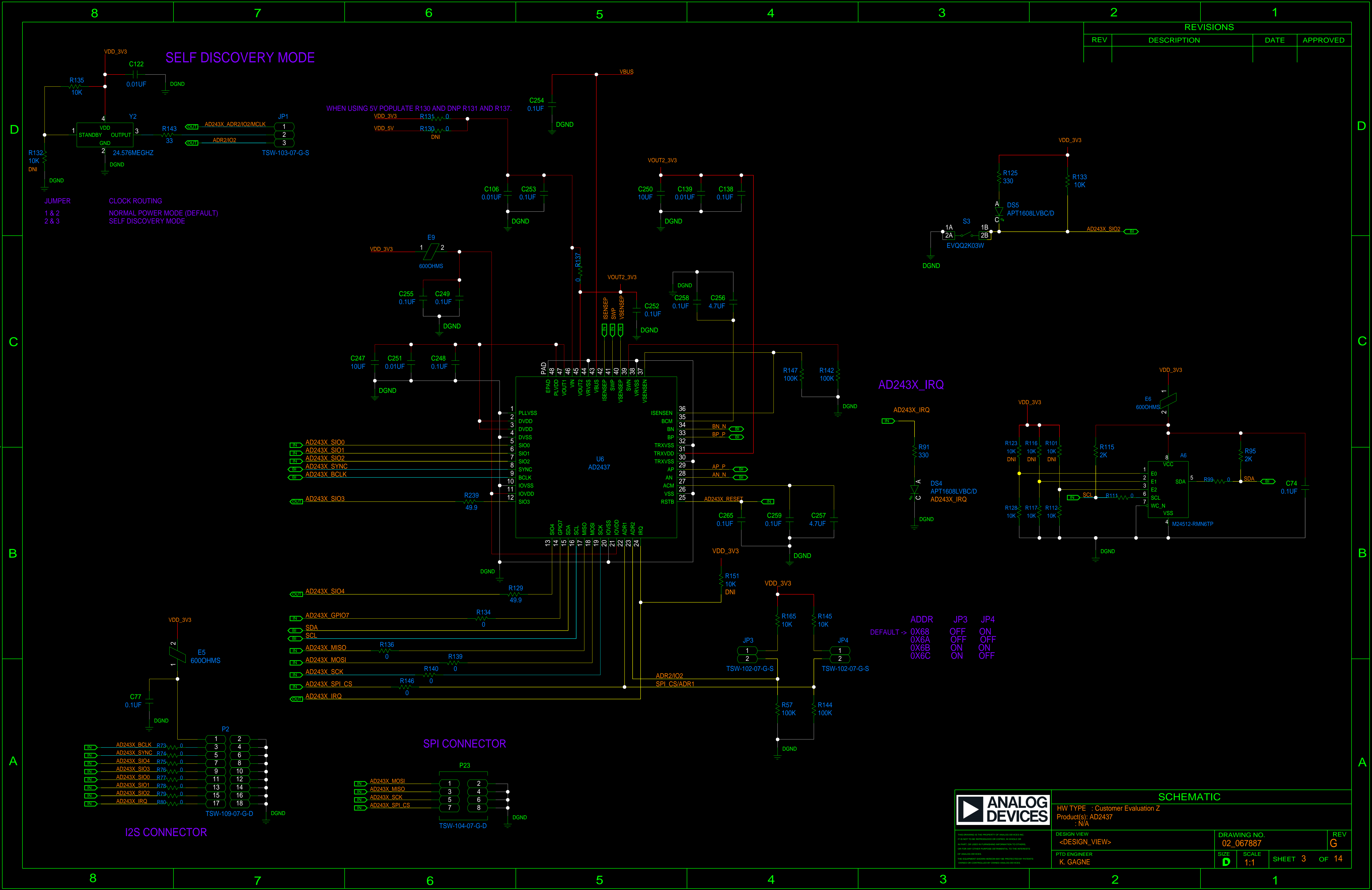
 ANALOG DEVICES	H/W TYPE : Customer Evaluation Z Product(s) : AD2437 : N/A		PACKAGE : : LEAD/POUNT-LEAD BODY/SIZE PACKAGE/TYPE/FAMILY : PITCH-PITCH STYLE/ENDOR STYLE	
	DESIGN VIEW <u><DESIGN_VIEW></u>		DRAWING NO. 02_067887	
PTD ENGINEER K. GAGNE		SIZE D		SCALE 1:1
SHEET 1 OF 14		REV G		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



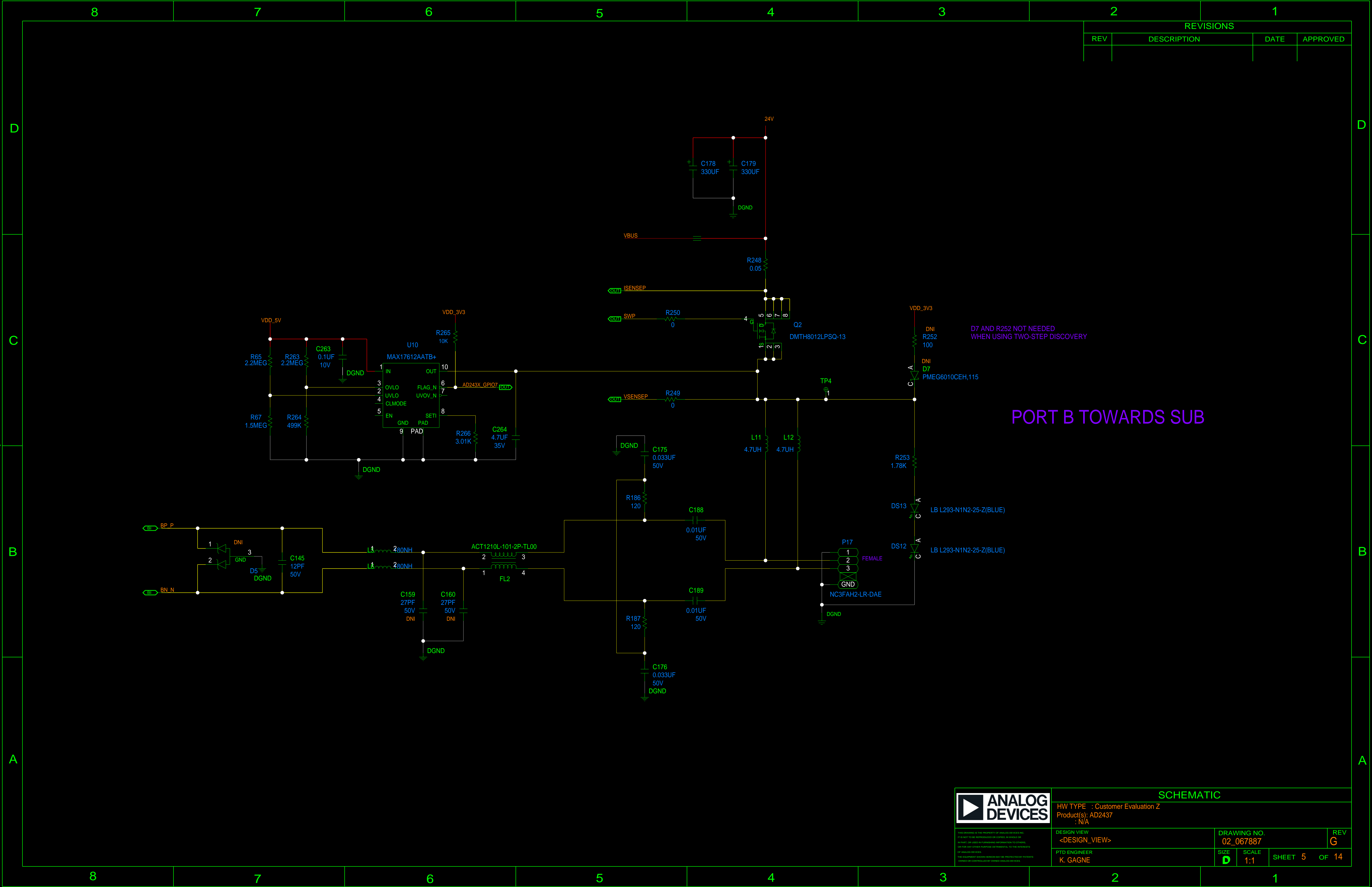
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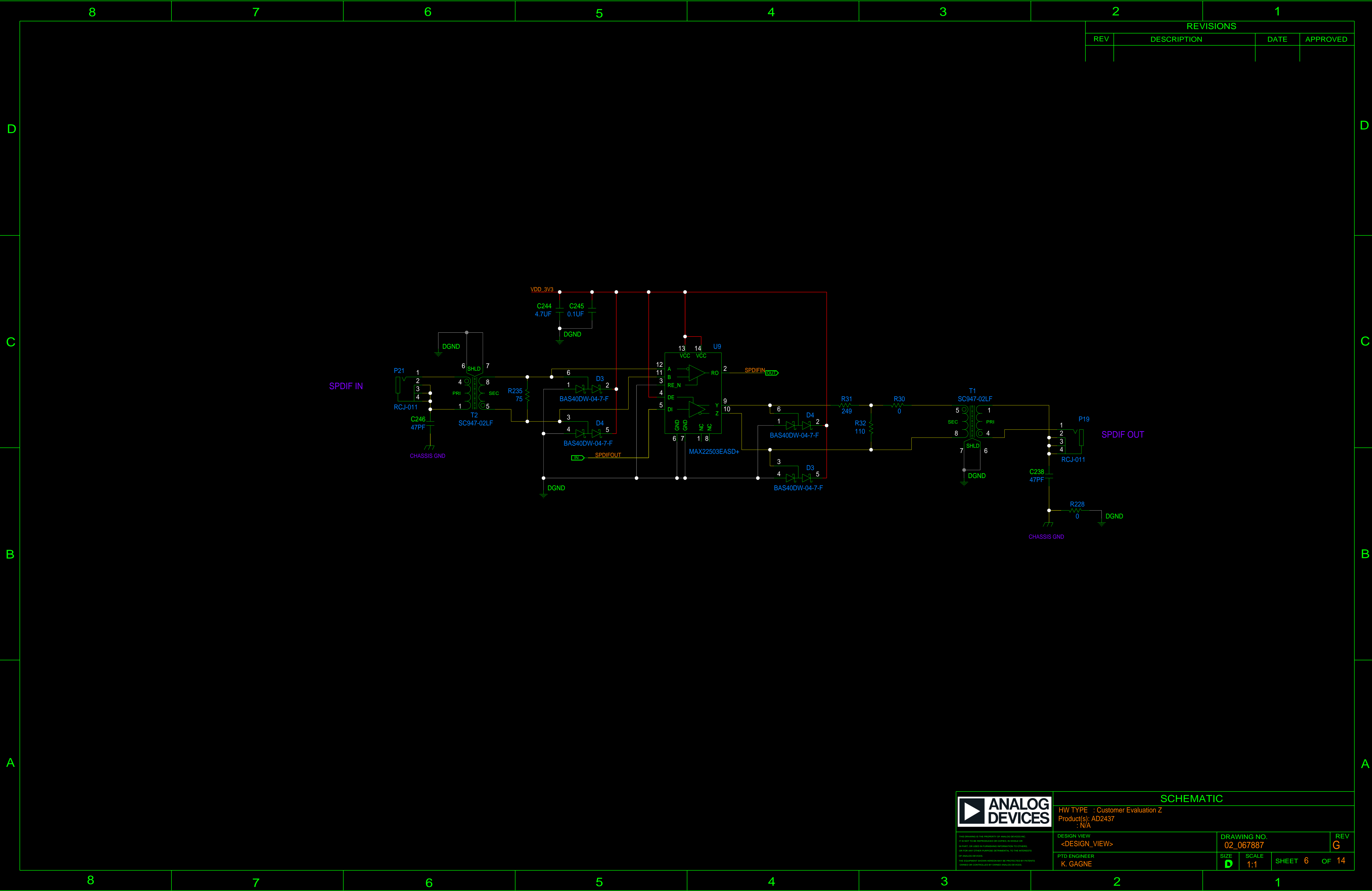
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HW TYPE : Customer Evaluation Z Product(s): AD2437 : N/A			
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PTD ENGINEER K. GAGNE	SIZE D	SCALE 1:1	SHEET 2 OF 14

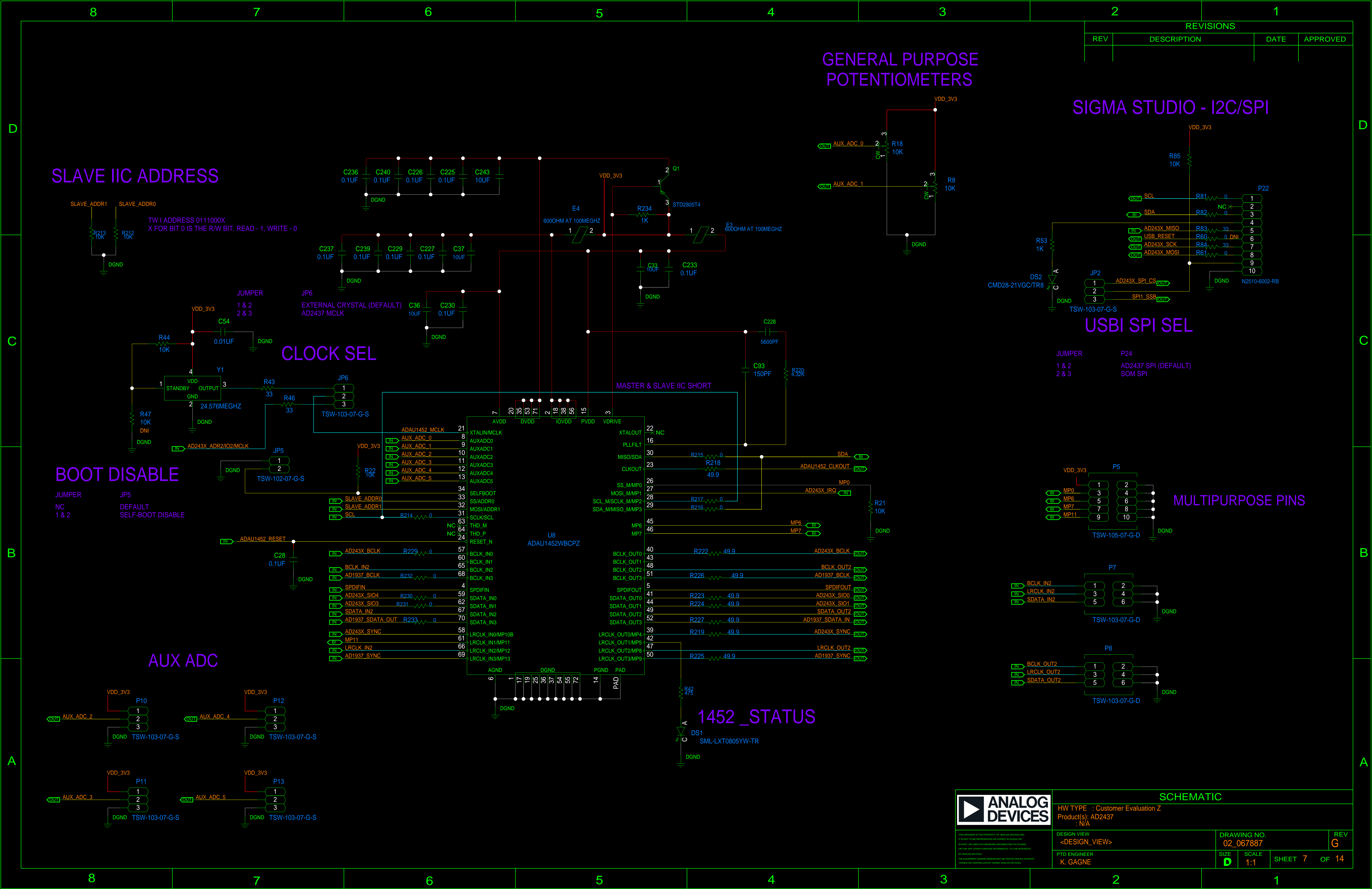


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

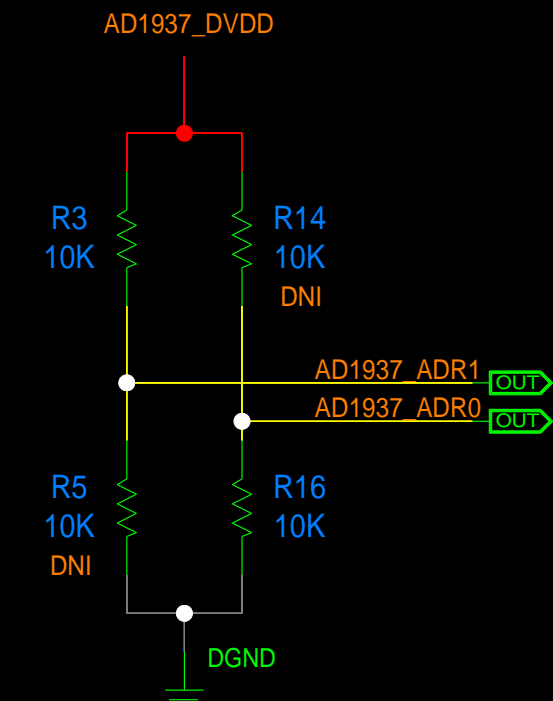
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Product(s) : AD2437			
: N/A			
DESIGN VIEW	DRAWING NO.		REV
<DESIGN_VIEW>	02_067887		G
PTD ENGINEER	SIZE	SCALE	SHEET
K. GAGNE	D	1:1	3 OF 14







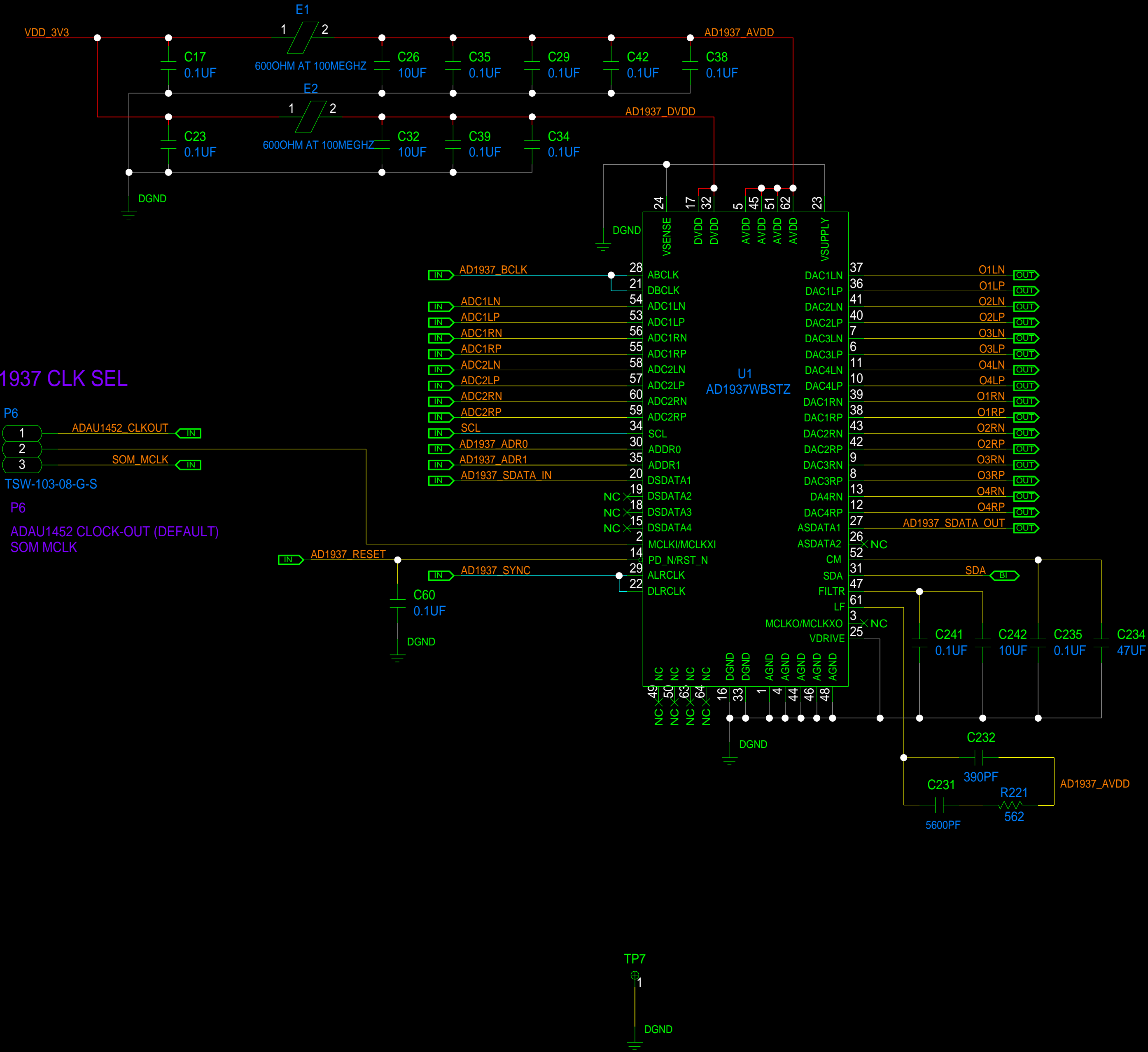
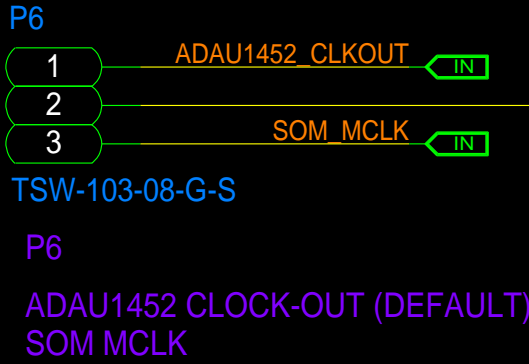
REGISTER ADDRESS	DATA	DESCRIPTION
0X00	0X98	PLL AND CLOCK CONTROL 0
0X01	0X03	PLL AND CLOCK CONTROL 1
0X02	0X40	DAC CONTROL 0
0X03	0X04	DAC CONTROL 1
0X04	0X02	DAC CONTROL 2
0X0E	0X02	ADC CONTROL 0
0X0F	0X20	ADC CONTROL 1
0X10	0X20	ADC CONTROL 2



TWI ADDRESS 0000110X
 X FOR BIT 0 IS THE R/W BIT. READ - 1, WRITE - 0

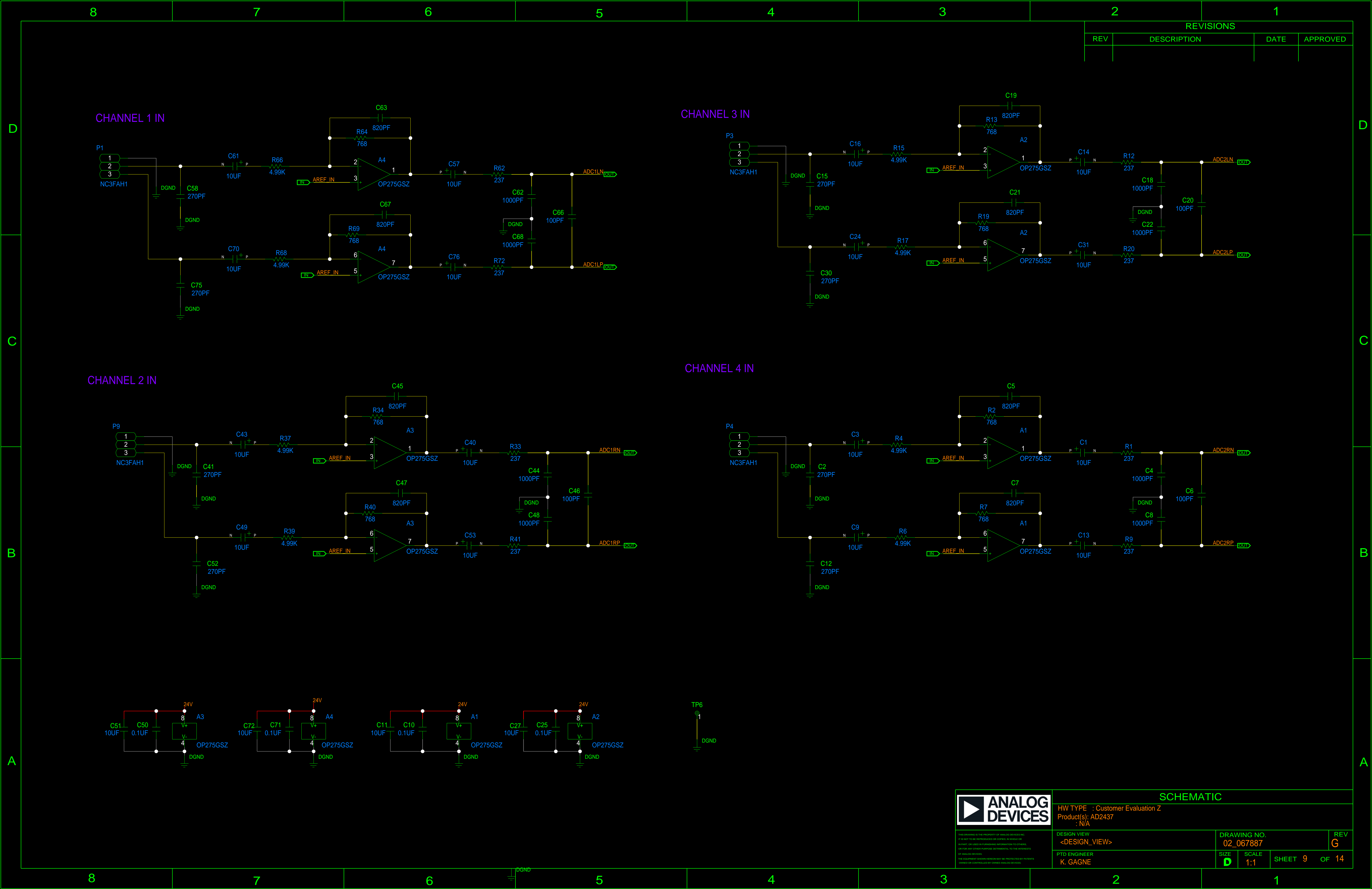
JUMPER
 1 & 2
 2 & 3

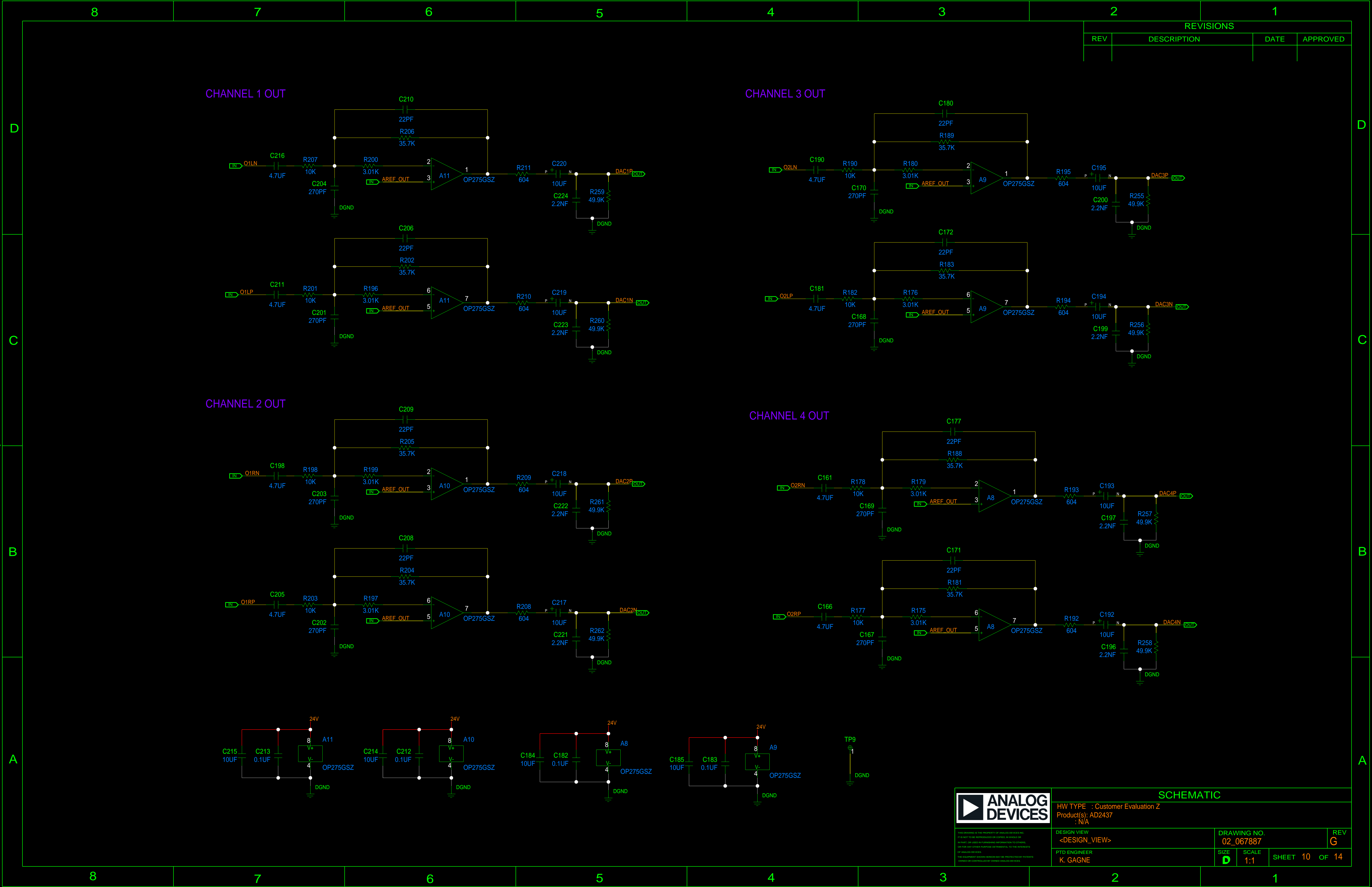
AD1937 CLK SEL

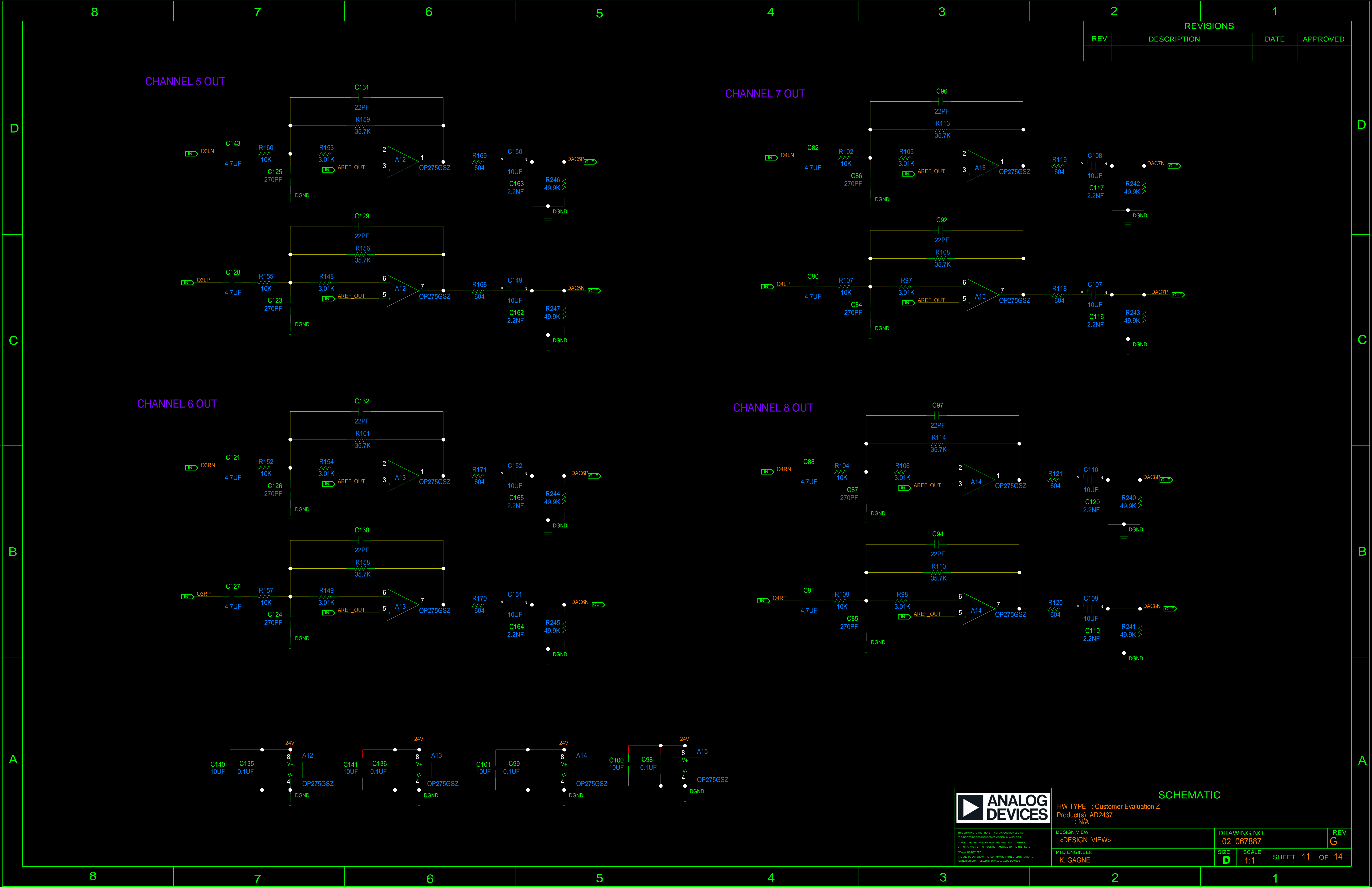


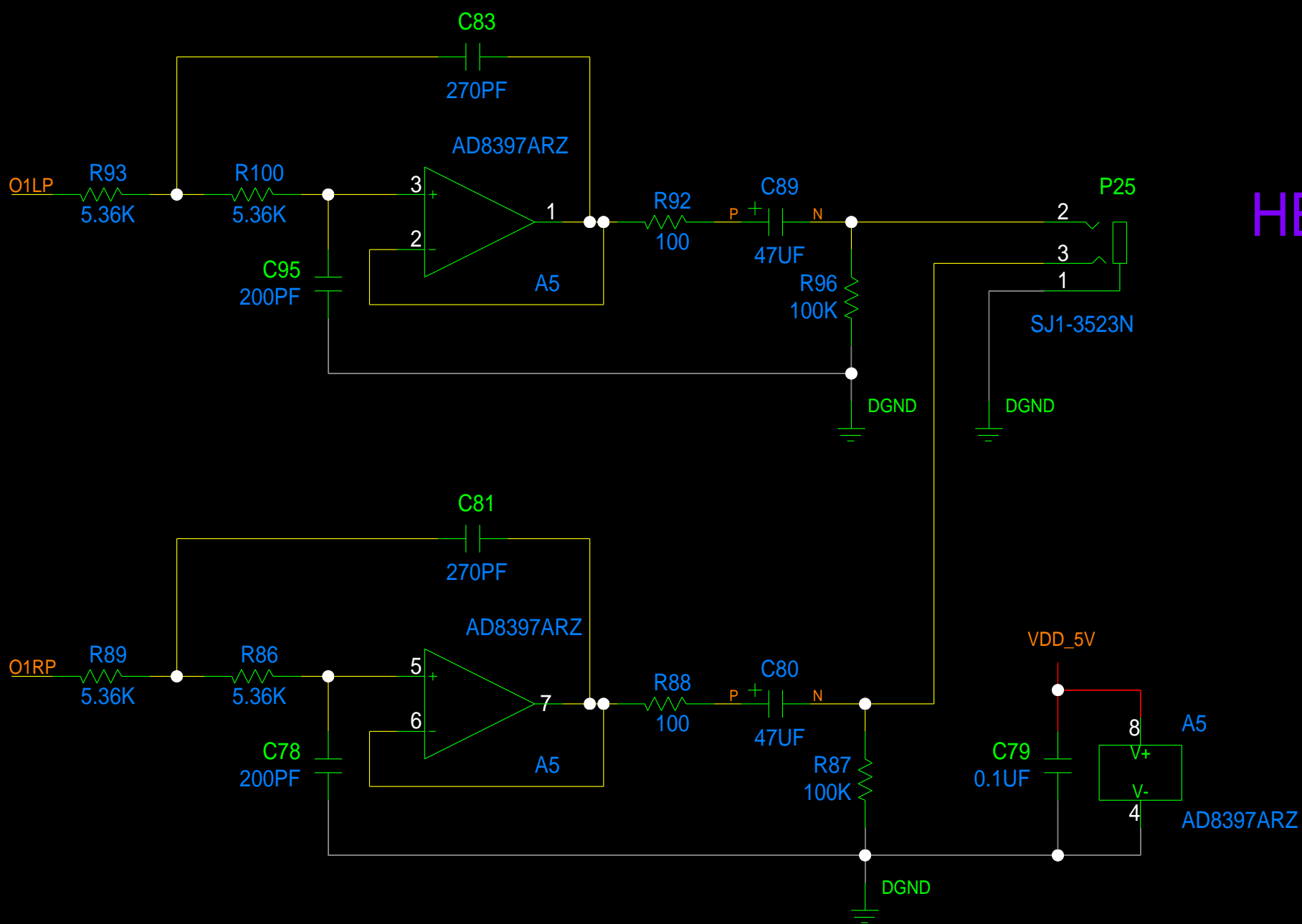
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SCHEMATIC				
HW TYPE : Customer Evaluation Z				
Product(s): AD2437				
: N/A				
DESIGN VIEW	DRAWING NO.		REV	
<DESIGN_VIEW>	02_067887		G	
PTD ENGINEER	SIZE	SCALE	SHEET	OF
K. GAGNE	D	1:1	8	14



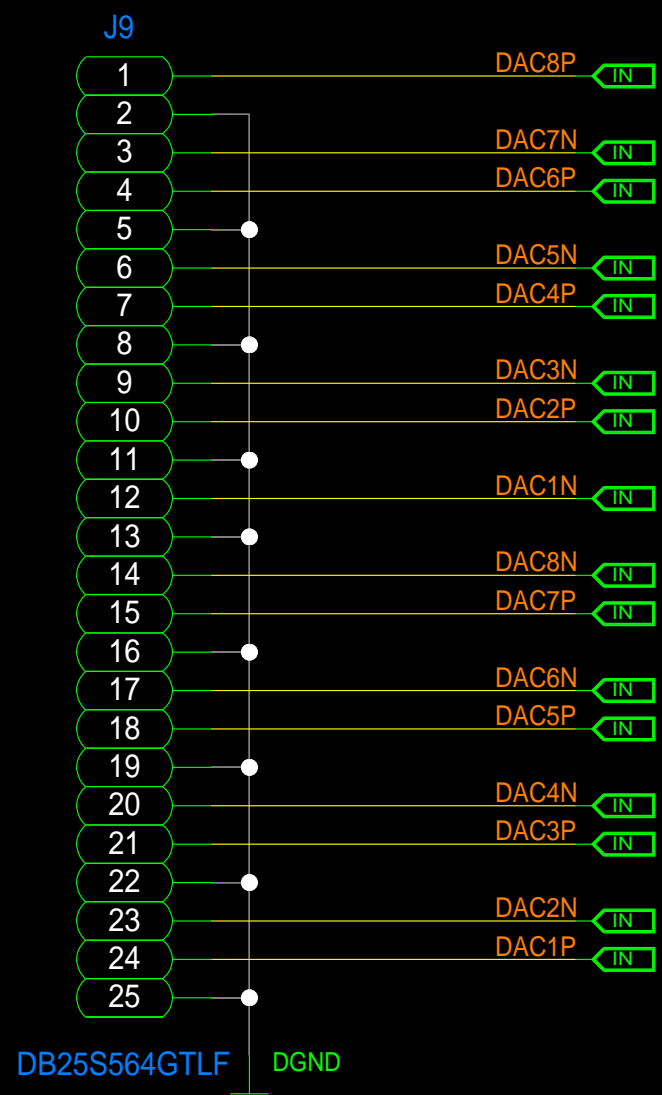




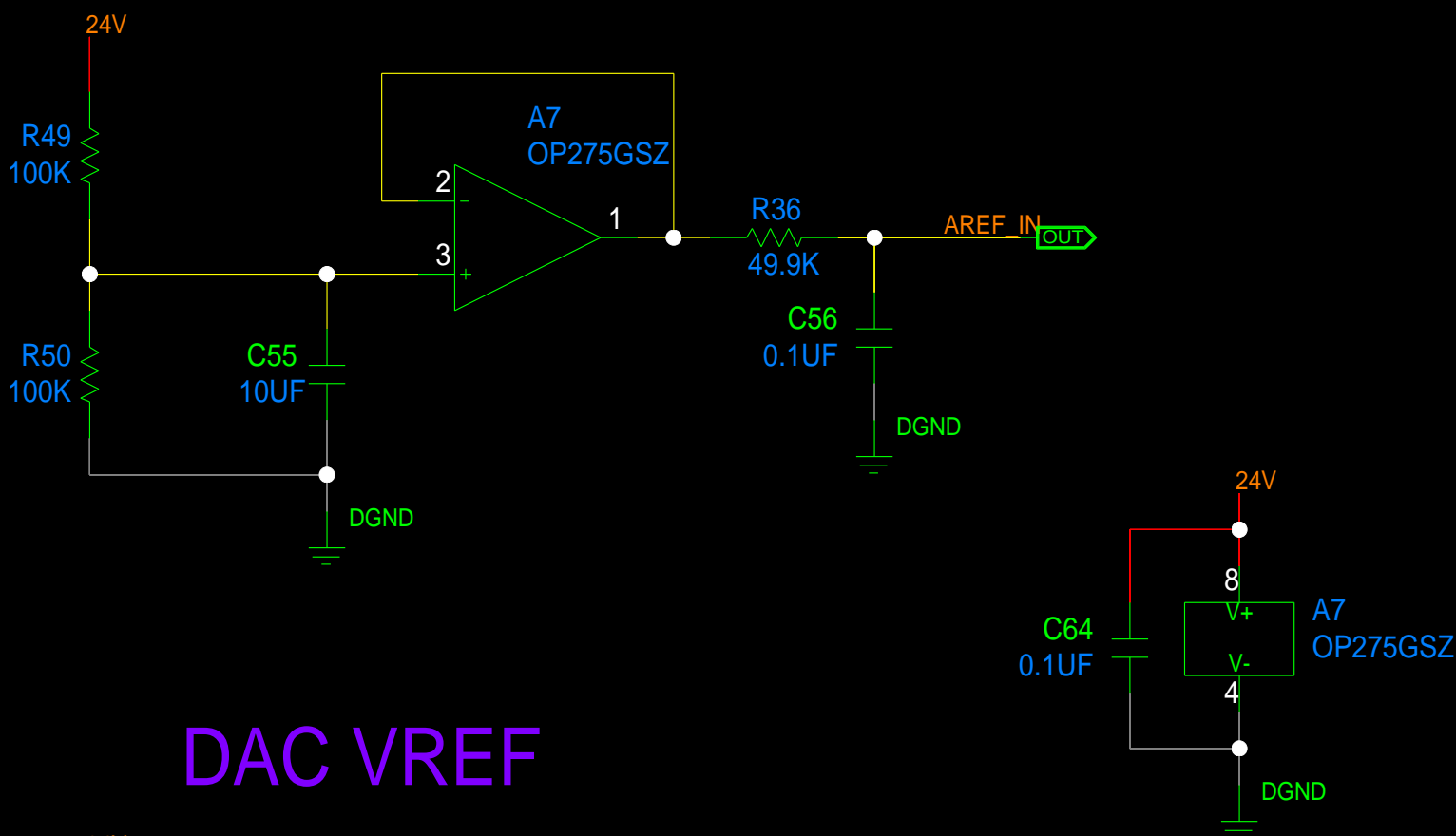


HEADPHONE DAC CHANNEL 1

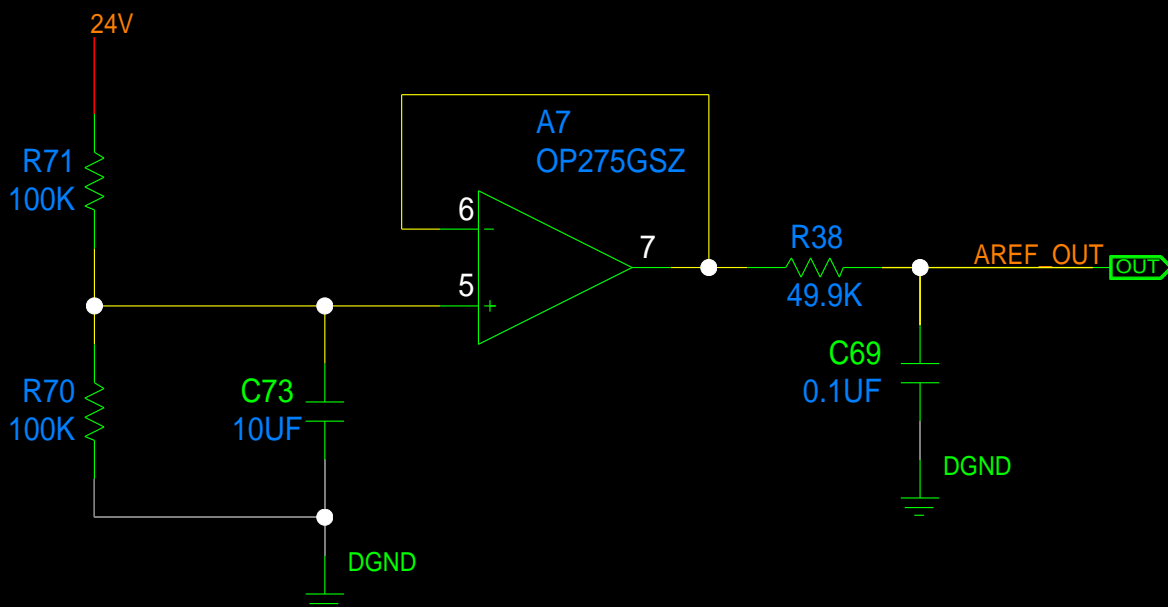
DAC



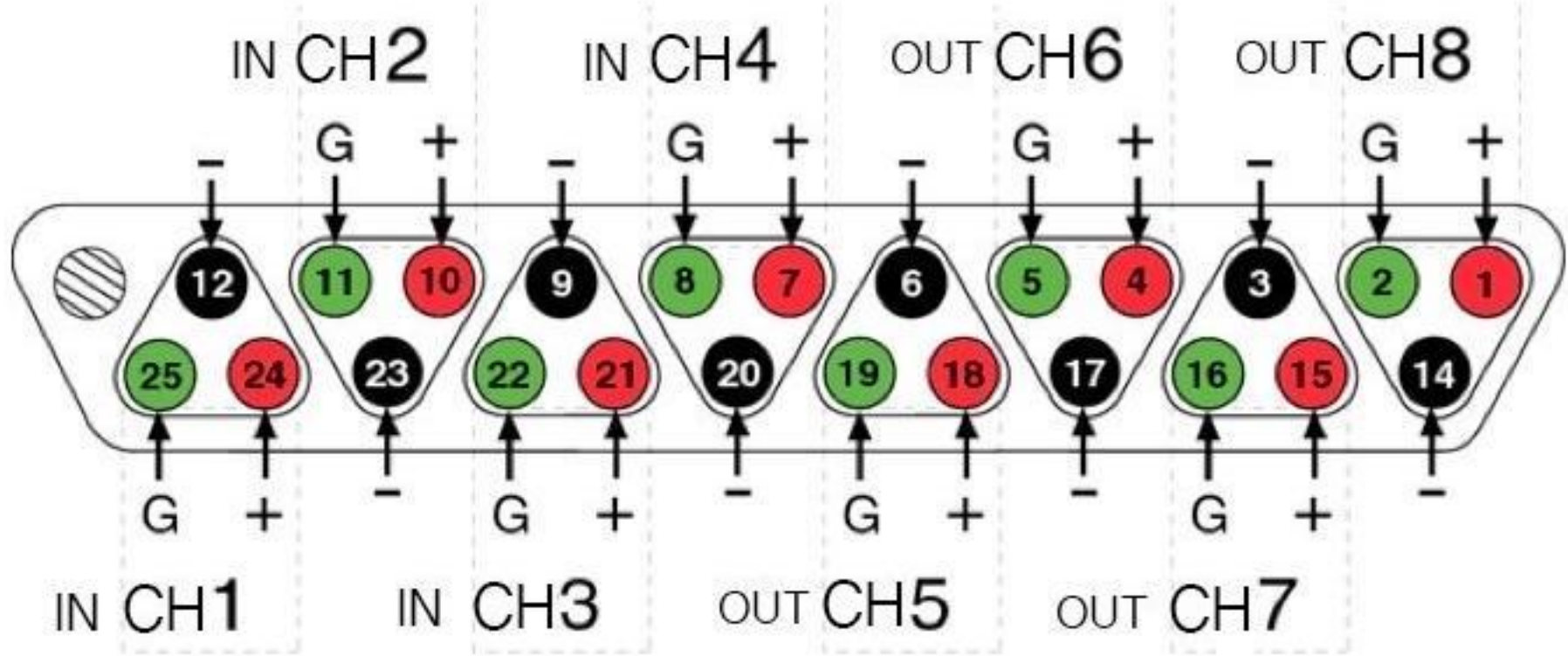
ADC VREF



DAC VREF



TASCAM PINOUT



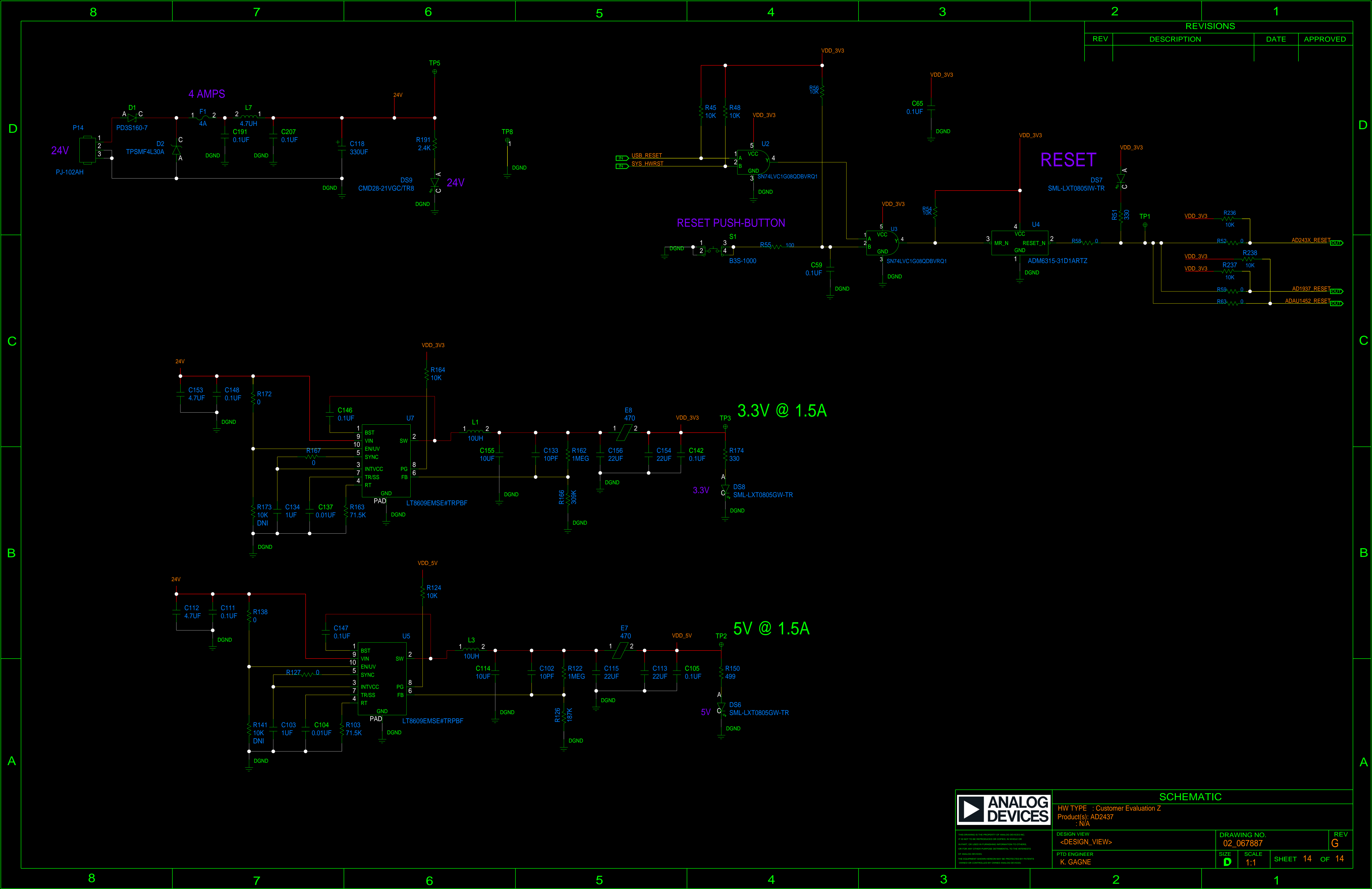
REAR VIEW OF MALE DB-25 CONNECTOR

- = Negative
+ = Positive
G = Ground



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SCHEMATIC			
HW TYPE : Customer Evaluation Z Product(s): AD2437 : N/A			
DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_067887	REV G	
PTD ENGINEER K. GAGNE	SIZE D	SCALE 1:1	SHEET 12 OF 14



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SCHEMATIC				
HW TYPE : Customer Evaluation Z				
Product(s) : AD2437				
: N/A				
DESIGN VIEW	DRAWING NO.			REV
<DESIGN_VIEW>	02_067887			G
PTD ENGINEER	SIZE	SCALE	SHEET 14 OF 14	
K. GAGNE	D	1:1		