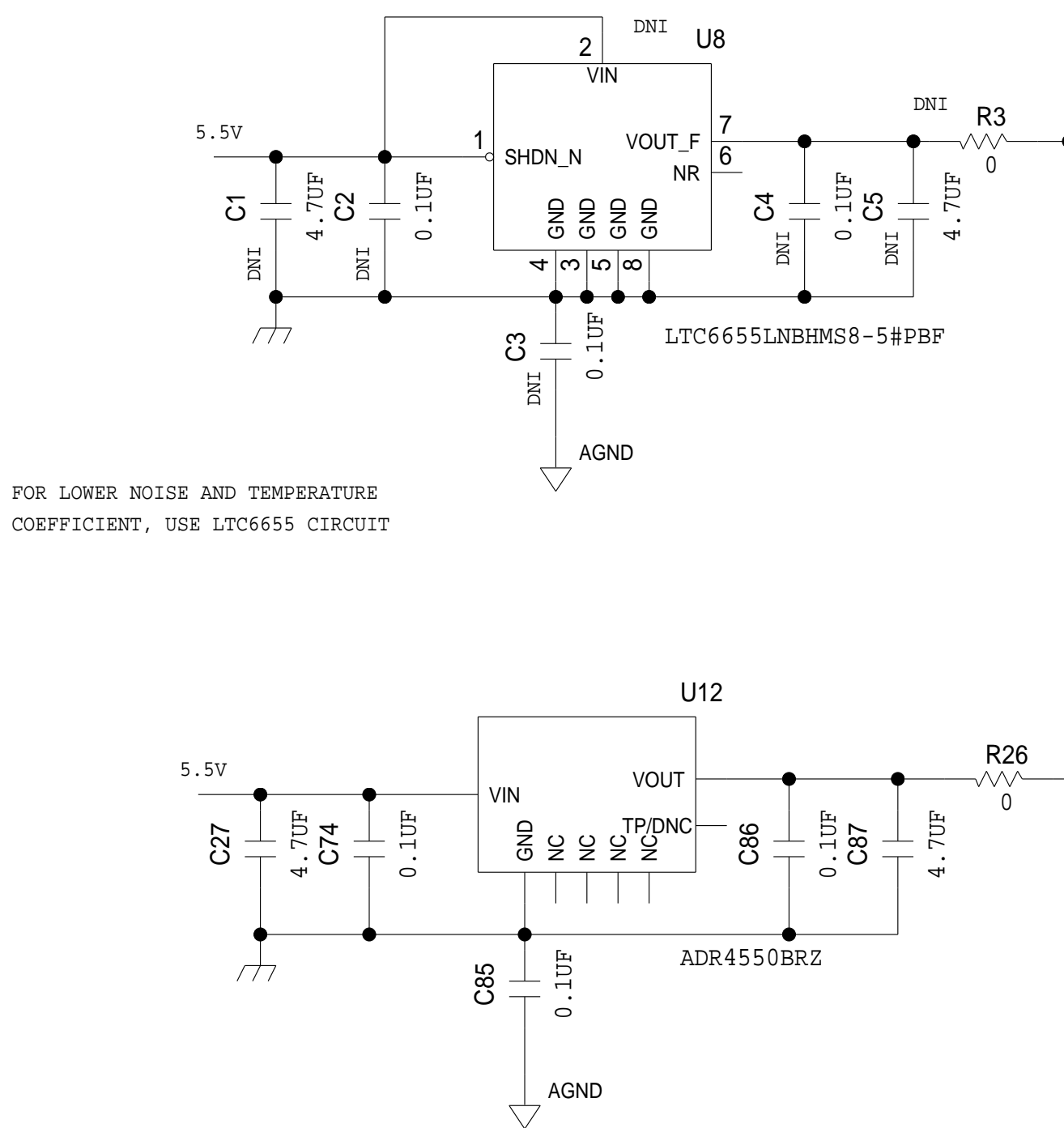
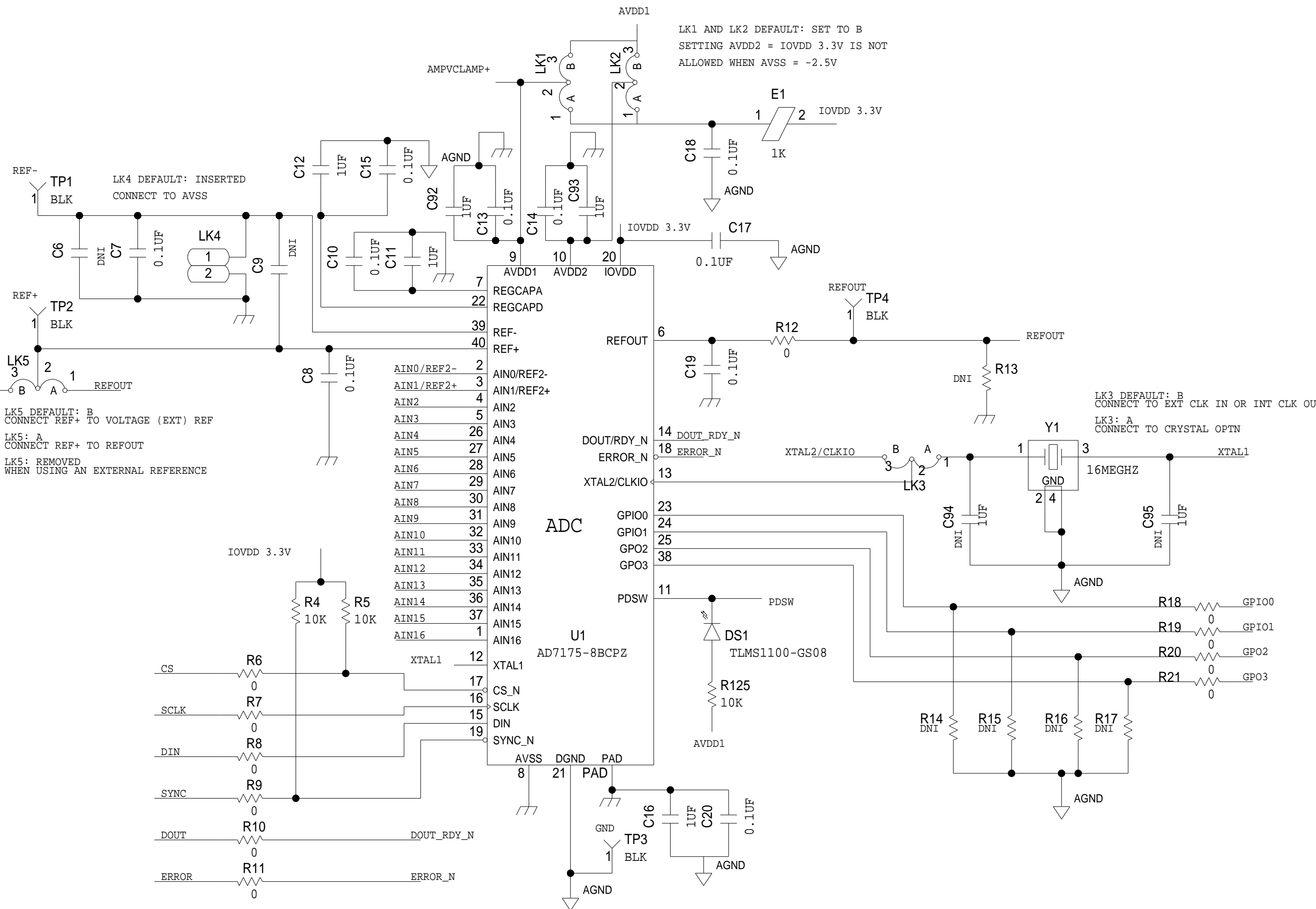


ADC AD717X-8

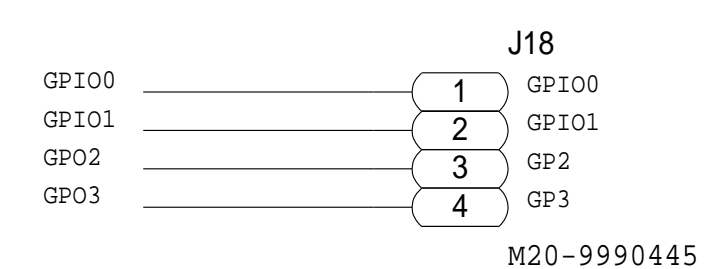
VOLTAGE REFERENCE



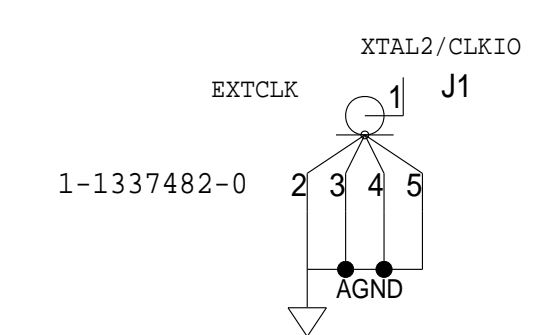
FOR LOWER NOISE AND TEMPERATURE COEFFICIENT, USE LTC6655 CIRCUIT



TERMINAL BLOCK GPIO



EXTERNAL CLOCK INPUT OR ADC INTERNAL CLOCK OUTPUT



REVISIONS				
REV	DESCRIPTION	DATE	APPROVED	

ANALOG DEVICES		SCHEMATIC		
HW TYPE : Customer Evaluation		Product(s): AD7175-8		
Product(s): AD7175-8		: N/A		
DESIGN VIEW	DRAWING NO.		REV	
<DESIGN_VIEW>	02_067173		D	
PTD ENGINEER	SIZE	SCALE	SHEET	OF
ROD JOERVIE ADANTE	D	1:1	2	6

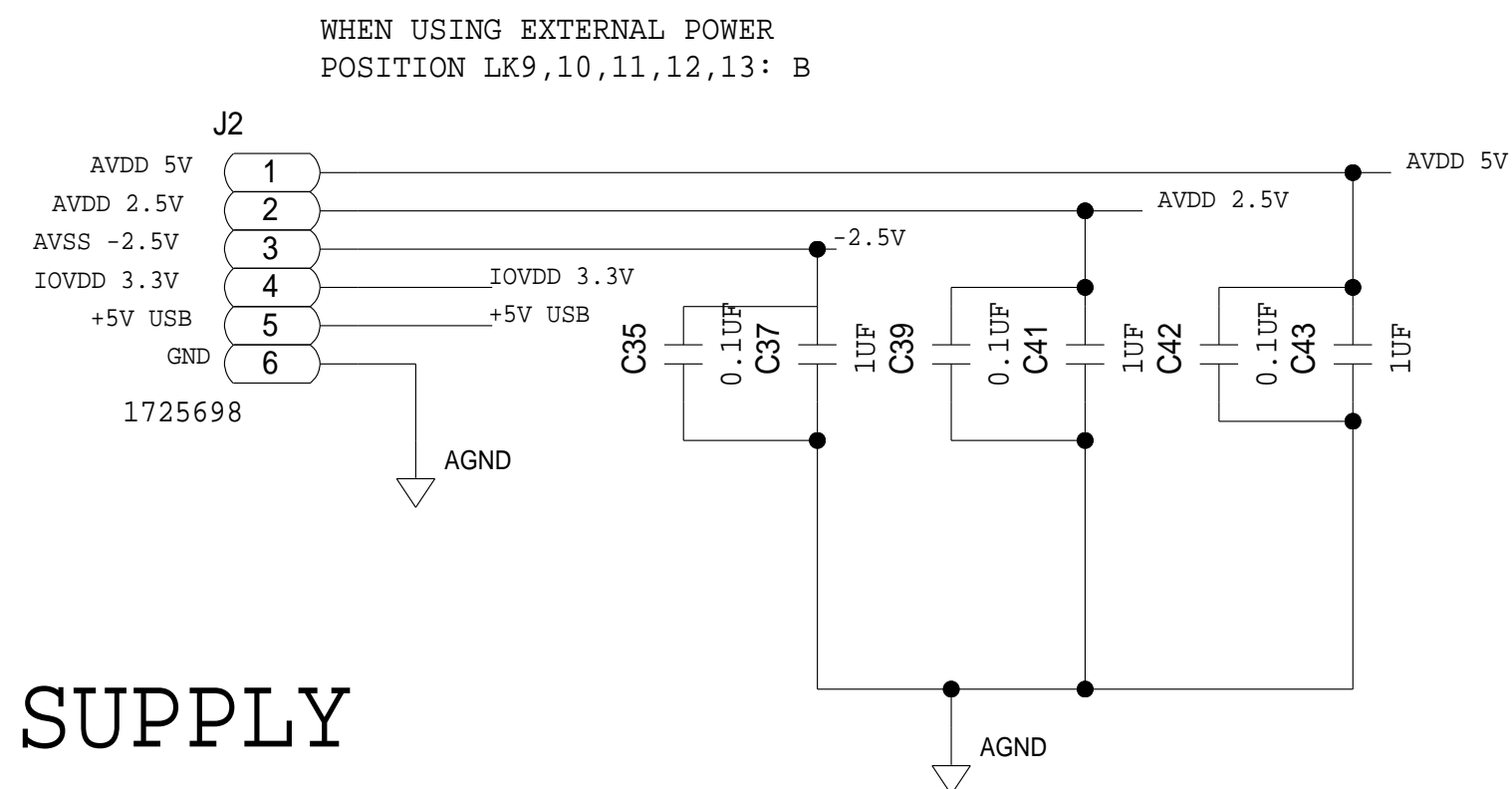
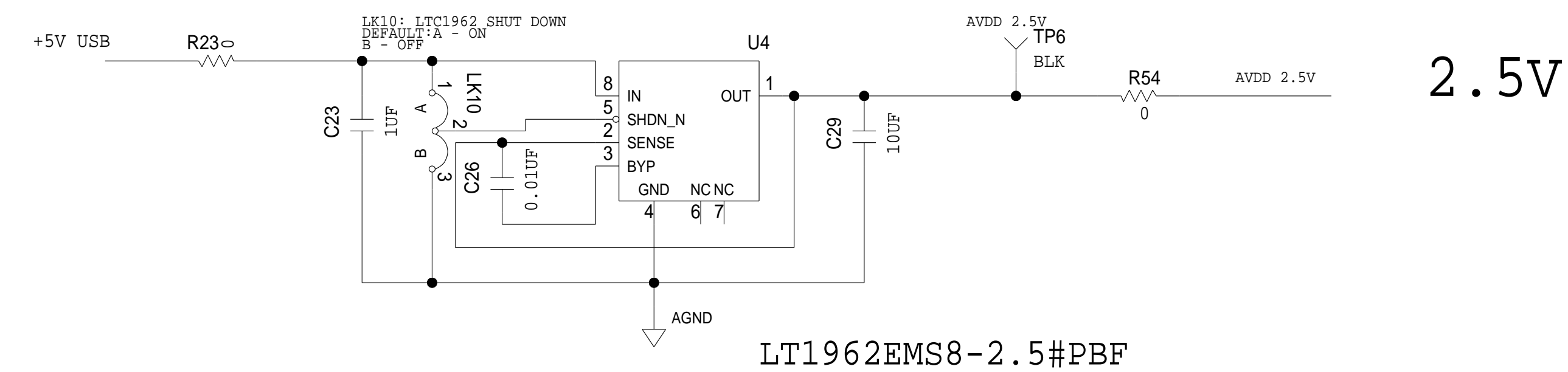
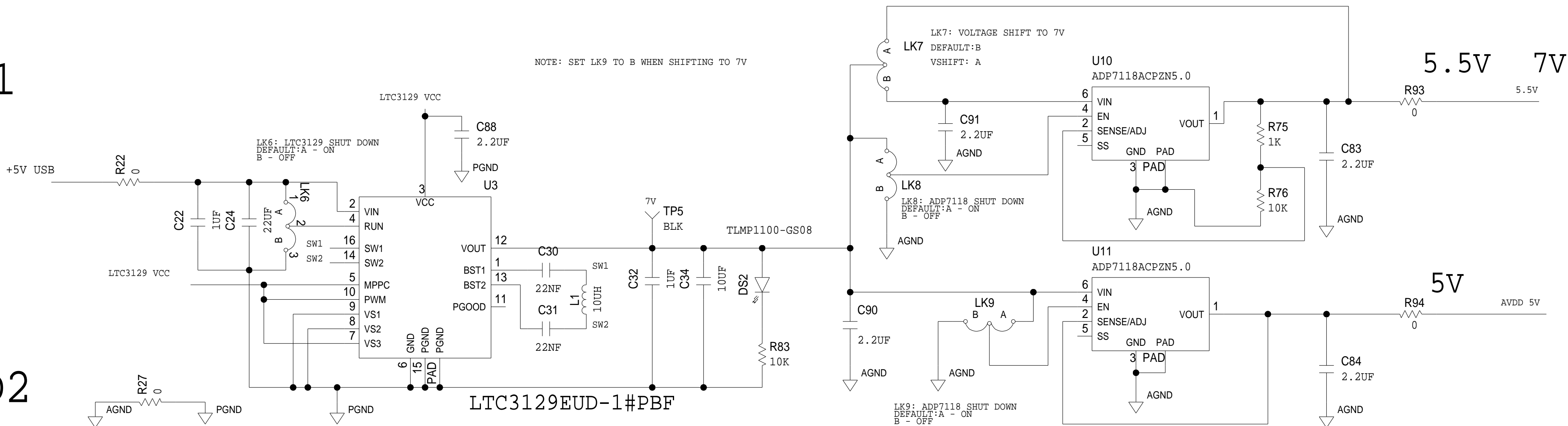
POWER SECTION

AVDD1

AVDD2

AVSS

IOVDD

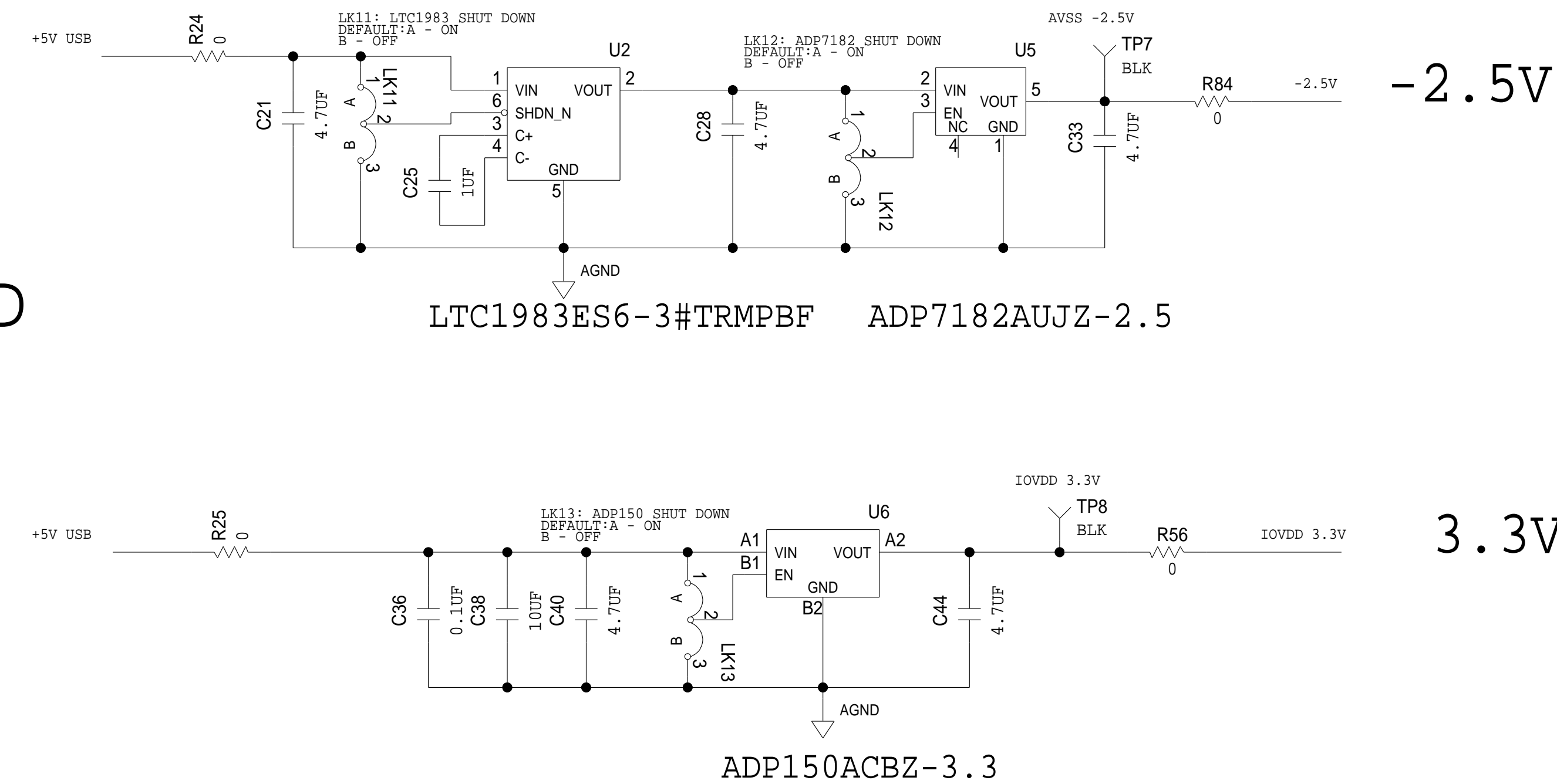
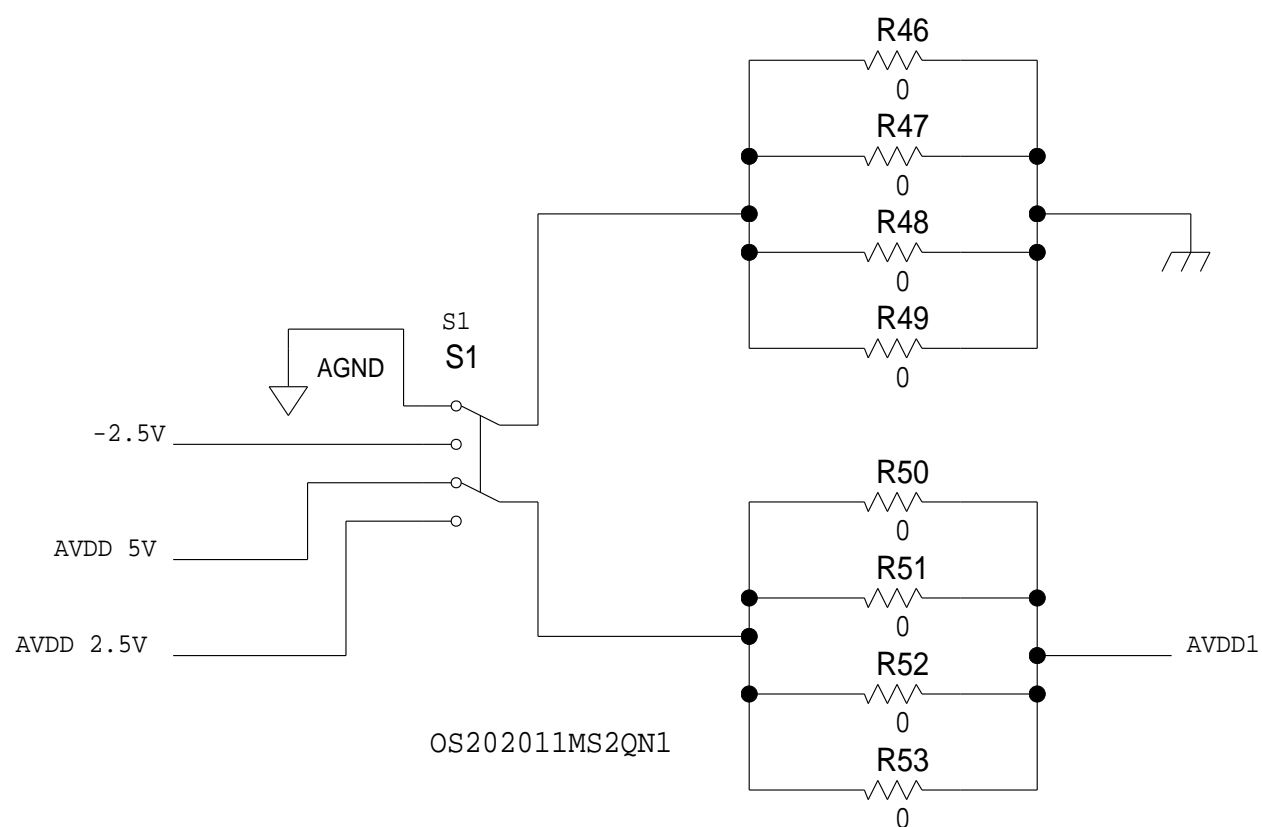


SINGLE/SPLIT SUPPLY

SWITCH 1 POSITION

A: SINGLE SUPPLY

B: SPLIT SUPPLY



SCHEMATIC

HW TYPE : Customer Evaluation
Product(s): AD7175-8
: N/A

DESIGN VIEW
<DESIGN_VIEW>

PTD ENGINEER
ROD JOERVIE ADANTE

DRAWING NO.
02_067173

SIZE
D

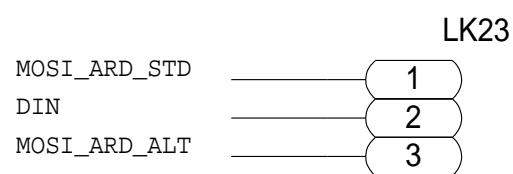
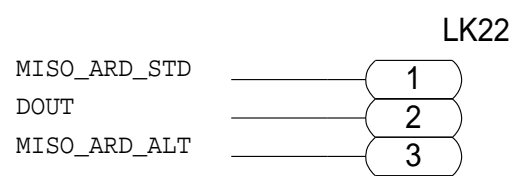
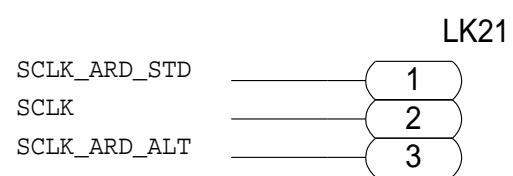
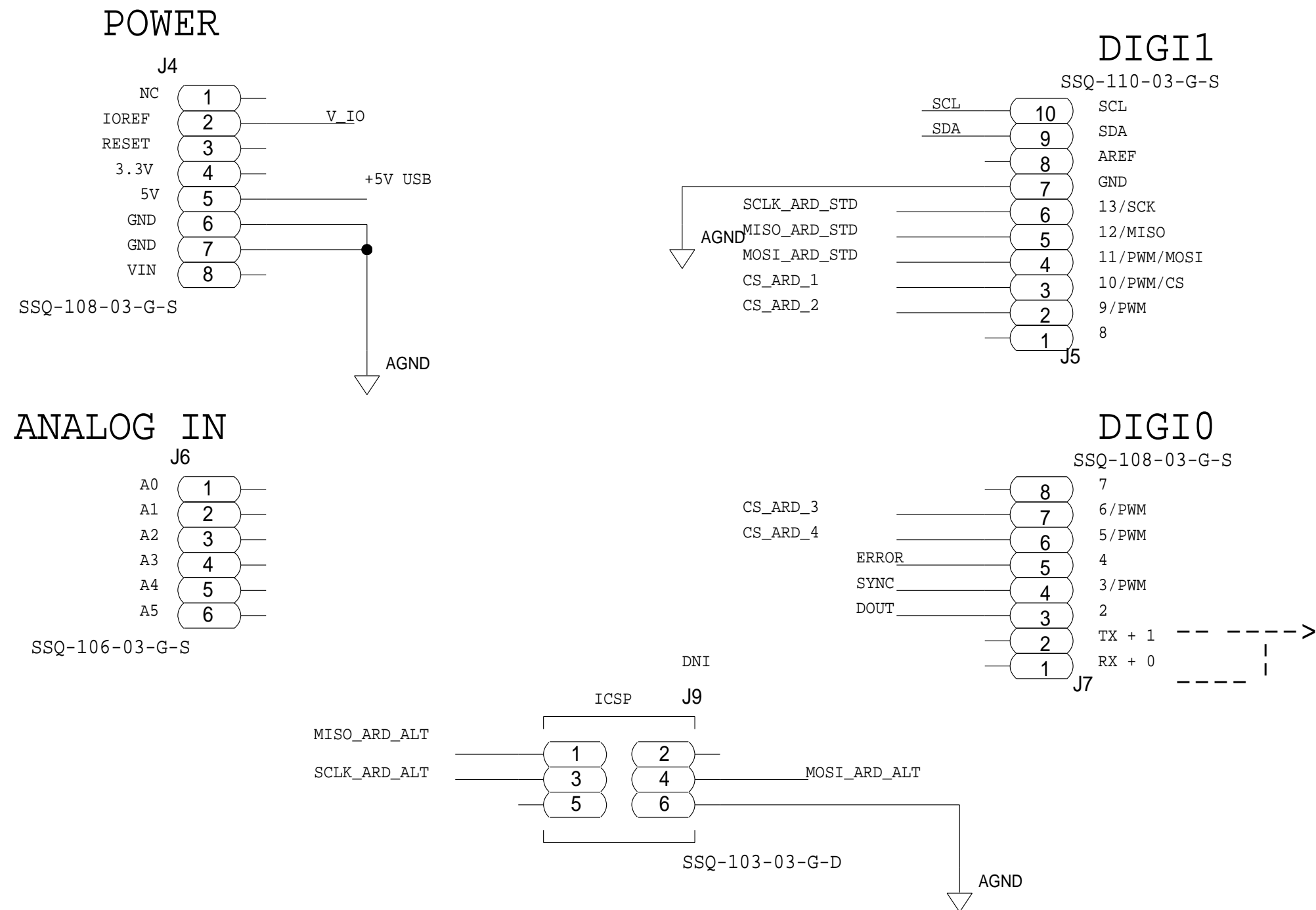
SCALE
1:1

SHEET 3 OF 6

REV
D

CONTROLLER BOARDS

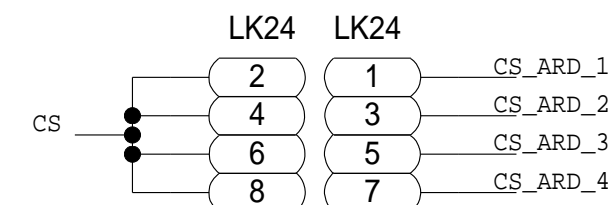
ARDUNIO HEADER



STD = STANDARD ARDUINO CONNECTION
ALT = ALTERNATE ARDUINO CONNECTION

LK21 DEFAULT: A
CONNECT SCLK TO STANDARD ARDUINO CONNECTION
LK22 DEFAULT: A
CONNECT DOUT TO STANDARD ARDUINO CONNECTION
LK23 DEFAULT: A
CONNECT DIN TO STANDARD ARDUINO CONNECTION
LK24 DEFAULT: A
CONNECT CS TO STANDARD ARDUINO CONNECTION

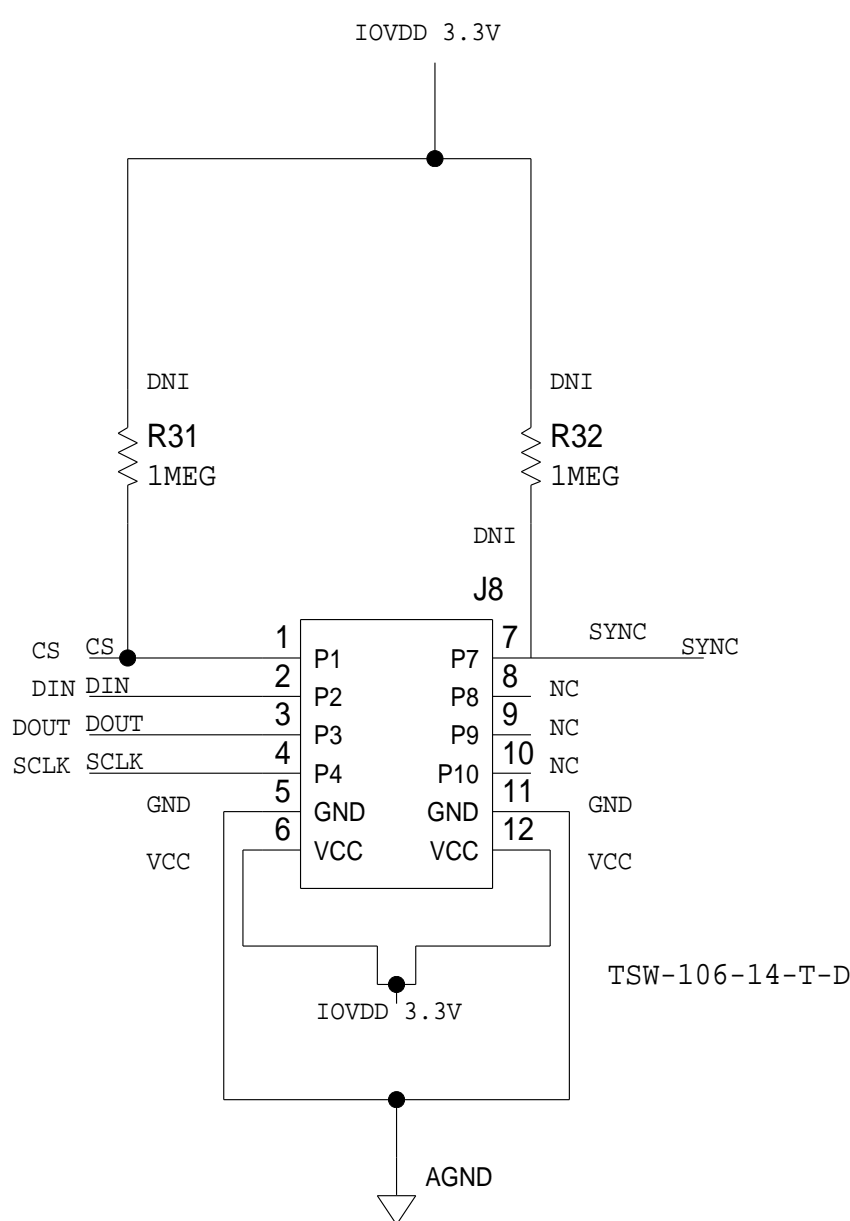
ARDUINO HEADER CS SELECTION SELECT DIFFERENT CS FOR STACKING MULTIPLE BOARDS



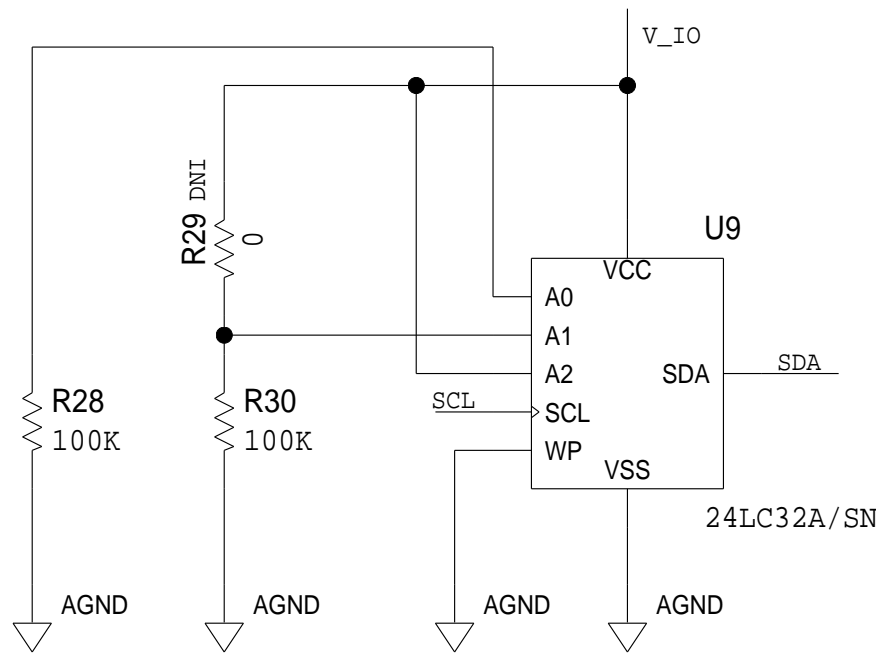
TLW-104-05-T-D

TLW-104-05-T-D

PMOD



EEPROM

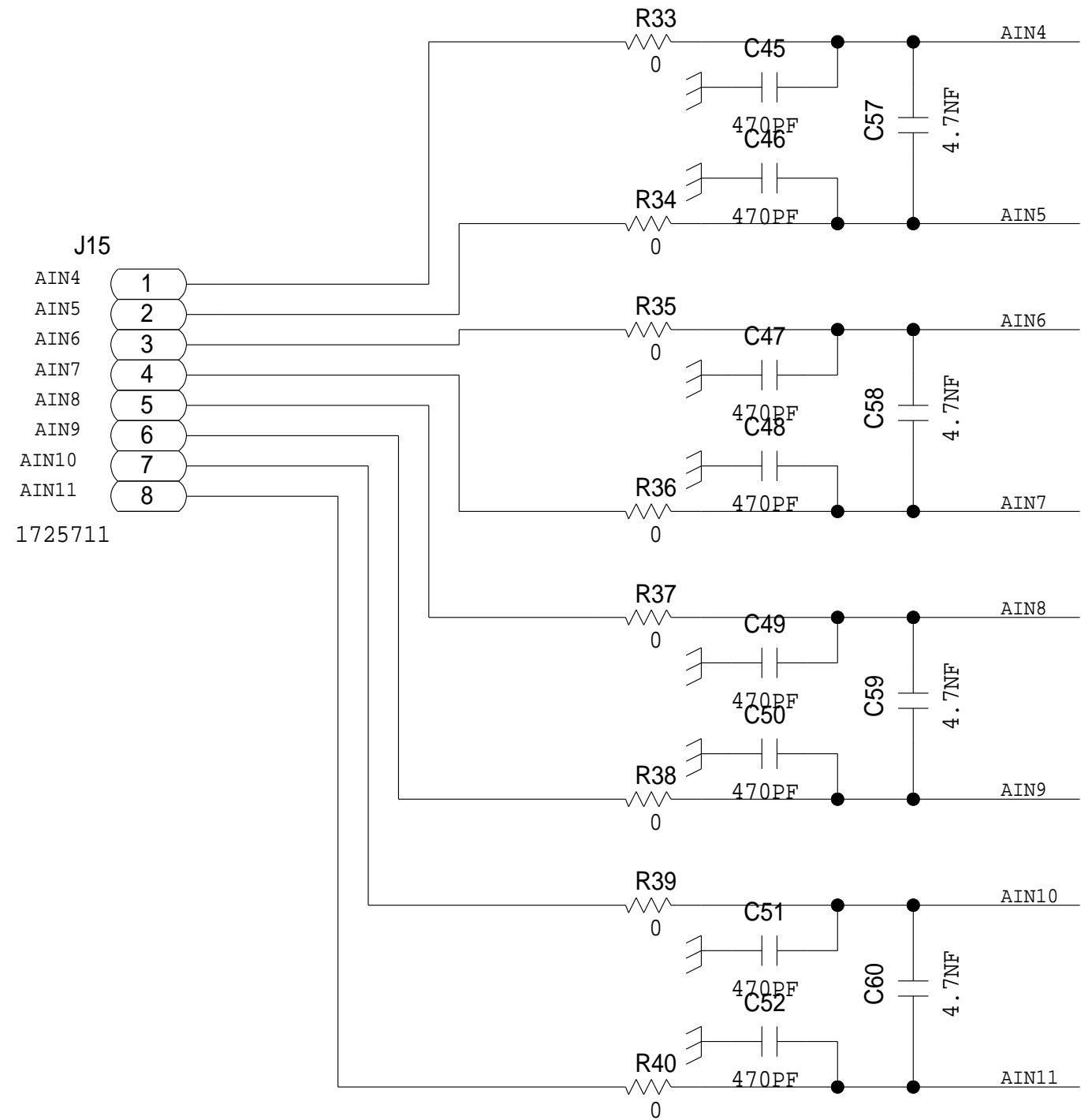


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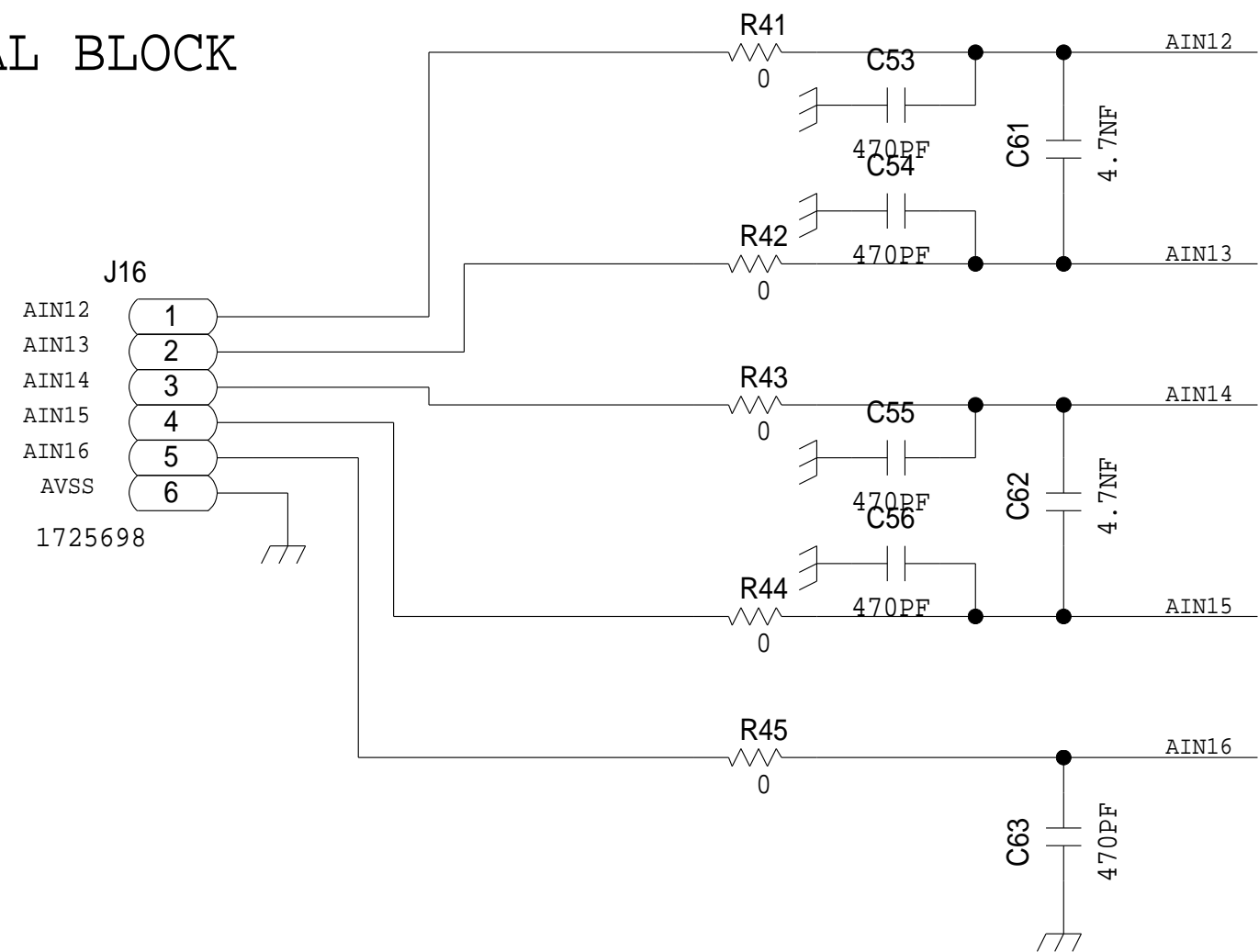
SCHEMATIC			
HW TYPE : Customer Evaluation Product(s): AD7175-8 : N/A			
DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_067173	REV D	
PTD ENGINEER ROD JOERVIE ADANTE	SIZE D	SCALE 1:1	SHEET 4 OF 6

ANALOG INPUTS

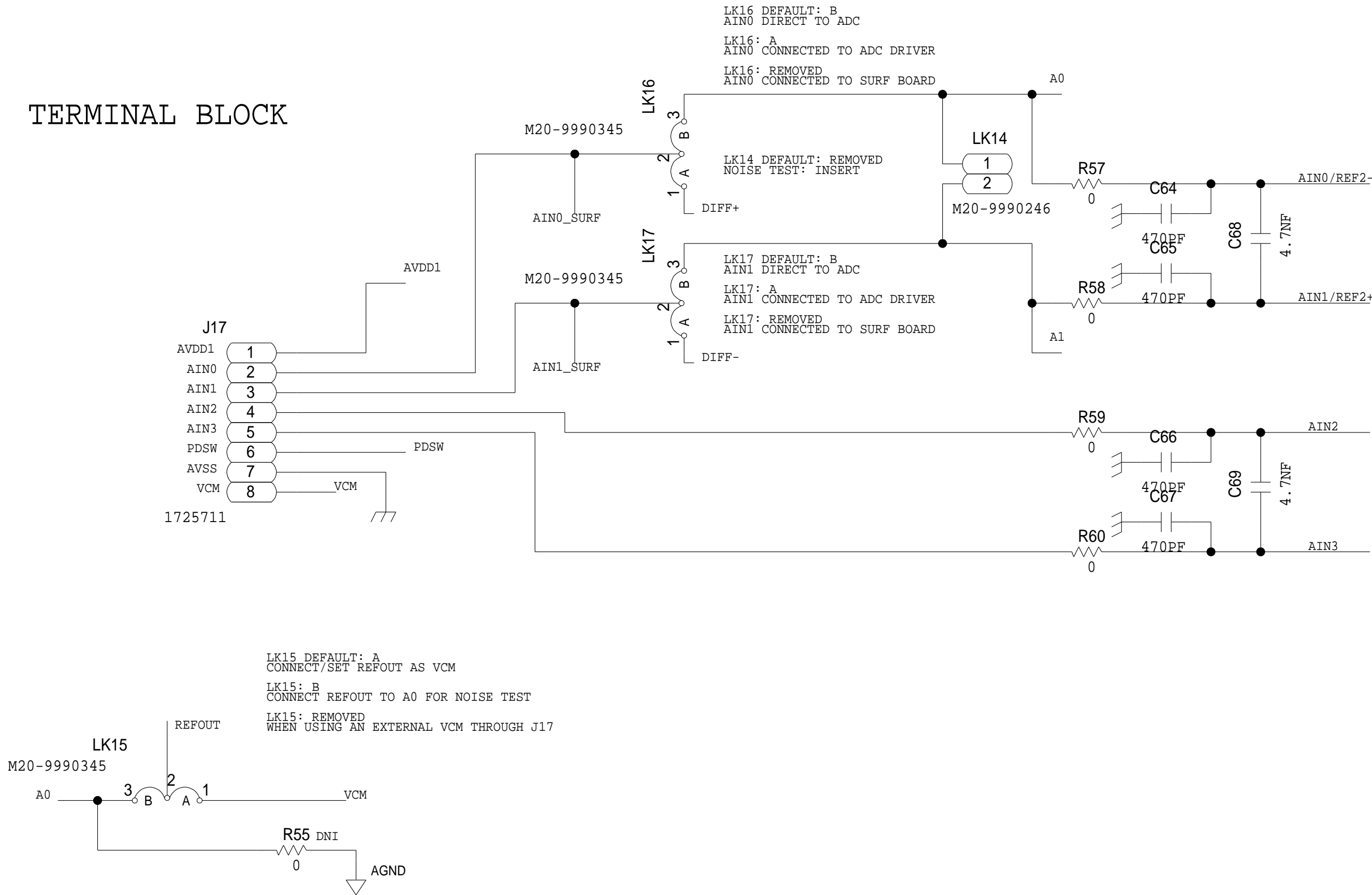
TERMINAL BLOCK



TERMINAL BLOCK



TERMINAL BLOCK



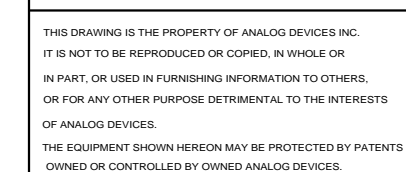
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

		SCHEMATIC	
HW TYPE : Customer Evaluation		DRAWING NO. 02_067173	
Product(s): AD7175-8		REV D	
: N/A		SIZE D	
PTD ENGINEER ROD JOERVIE ADANTE		SCALE 1:1	
		SHEET 5 OF 6	

D



A



HW TYPE	: Customer Evaluation
Product(s)	: AD7175-8
	: N/A

DESIGN VIEW <DESIGN_VIEW>
PTD ENGINEER ROD JOERVIE ADANTE

DRAWING NO.	02_067173
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SIZE D	SCALE 1 : 1	SHEET 6 OF 6
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