

8 7 6 5 4 3 2 1

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

1. BLOCK DIAGRAM
2. DIGITAL COMPONENTS
3. ADC
4. FRONT END CONNECTOR
5. ARDUINO CONNECTOR
6. POWER SUPPLIES AND REFERENCES

D  
C  
B  
A

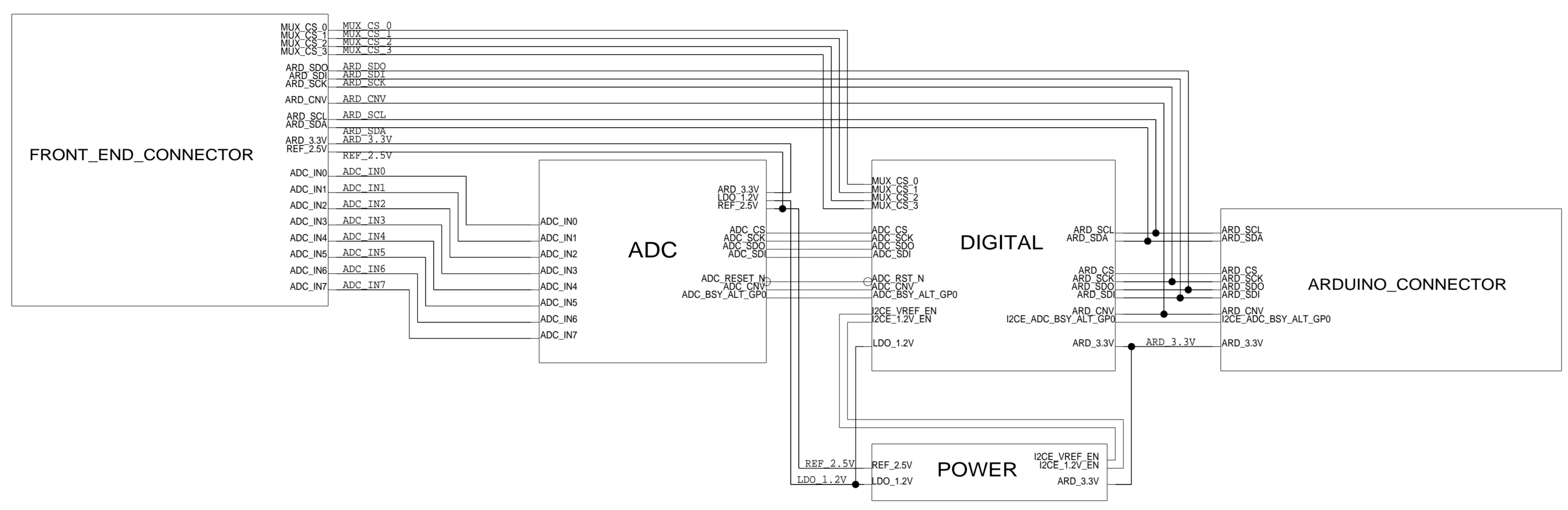
D  
C  
B  
A

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

TEMPLATE ENGINEER -	DATE	<b>SCHEMATIC</b>		
HARDWARE SERVICES -				
HARDWARE SYSTEMS -		HW TYPE : Customer Evaluation		
TEST ENGINEER -		Product(s): AD4696		
COMPONENT ENGINEER -		: N/A		
TEST PROCESS -		PACKAGE : LeadCount-lead BodySize PackageType-family		
HARDWARE RELEASE -		: Pitch-pitch StyleVendor Style		
DESIGNER -		MASTER PROJECT TEMPLATE TBD	TESTER TEMPLATE 064489_c	DRAWING NO. 02_072492
PTD ENGINEER <PTD_ENGINEER>		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		REV. A
CHECKER -		TOLERANCES		
		DECIMALS X.XX +0.010 X.XXX +0.005	FRACTIONS +1/32	ANGLES +2
		SIZE <b>D</b>	SCALE 1:1	CODE ID NO. CodeID
				SHEET 1 OF 7

8 7 6 5 4 3 2 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

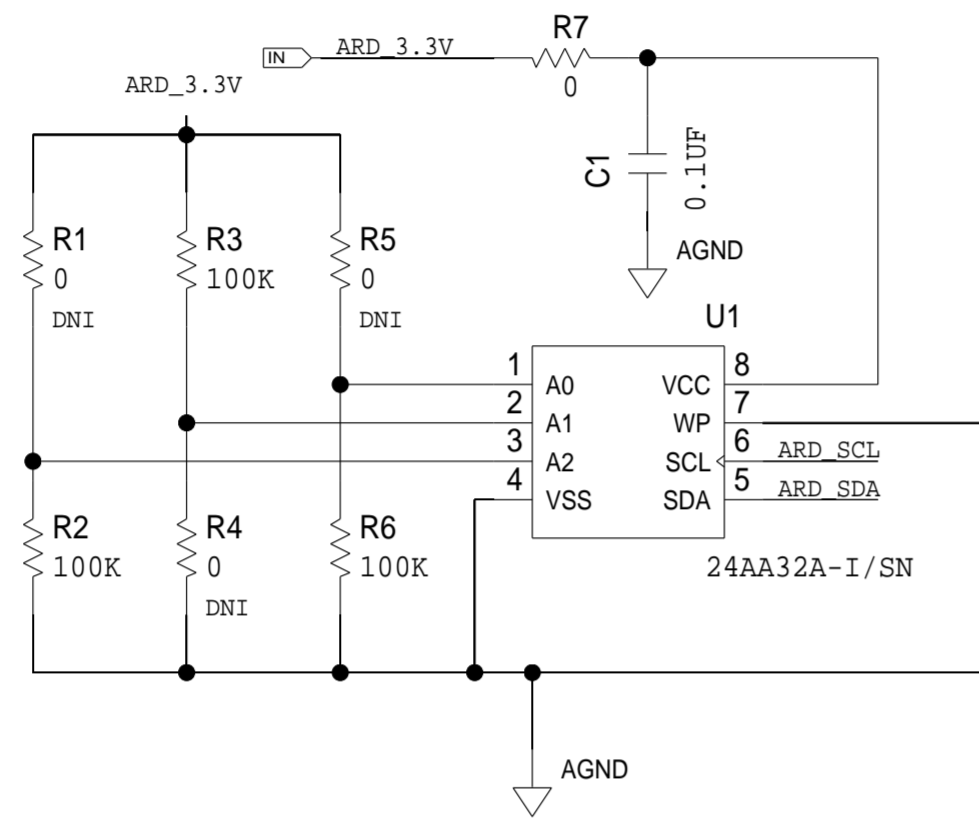


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	HW TYPE : Customer Evaluation Product(s): AD4696 : N/A		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_072492	REV A
	PTD ENGINEER <PTD_ENGINEER>	SIZE D	SCALE 1:1
		SHEET 2 OF 7	

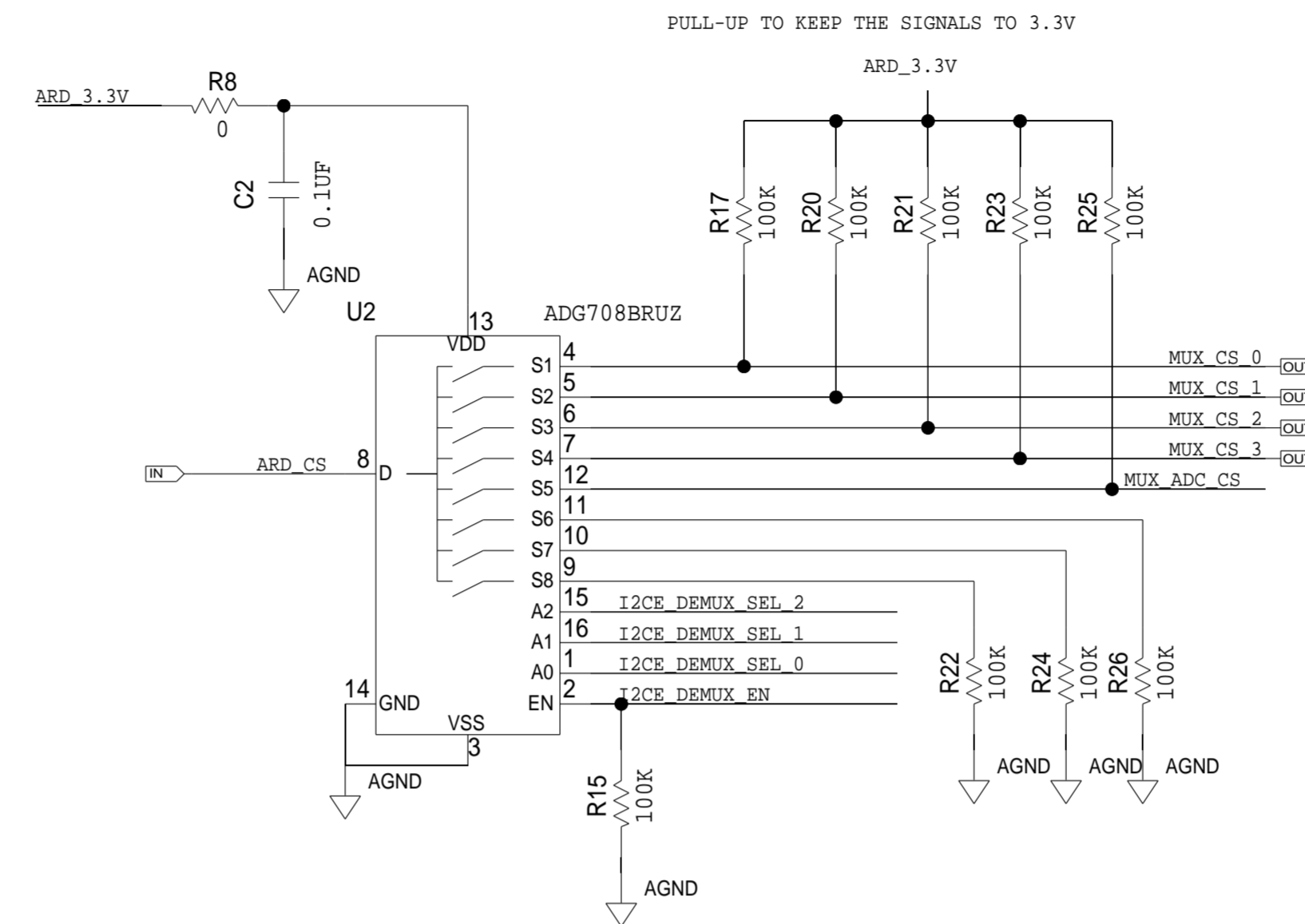
# DIGITAL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

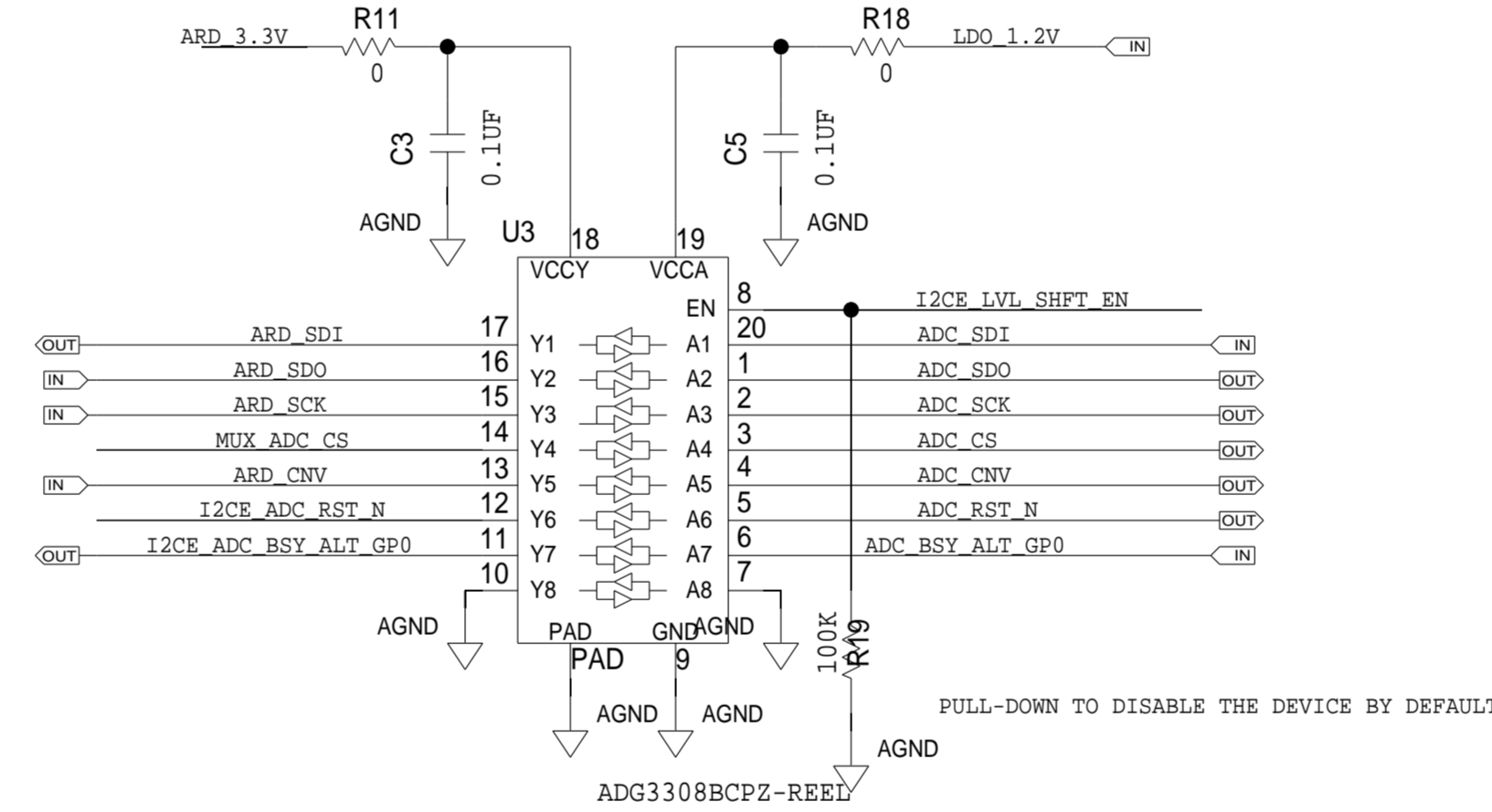
## EEPROM



## DEMULTIPLEXER

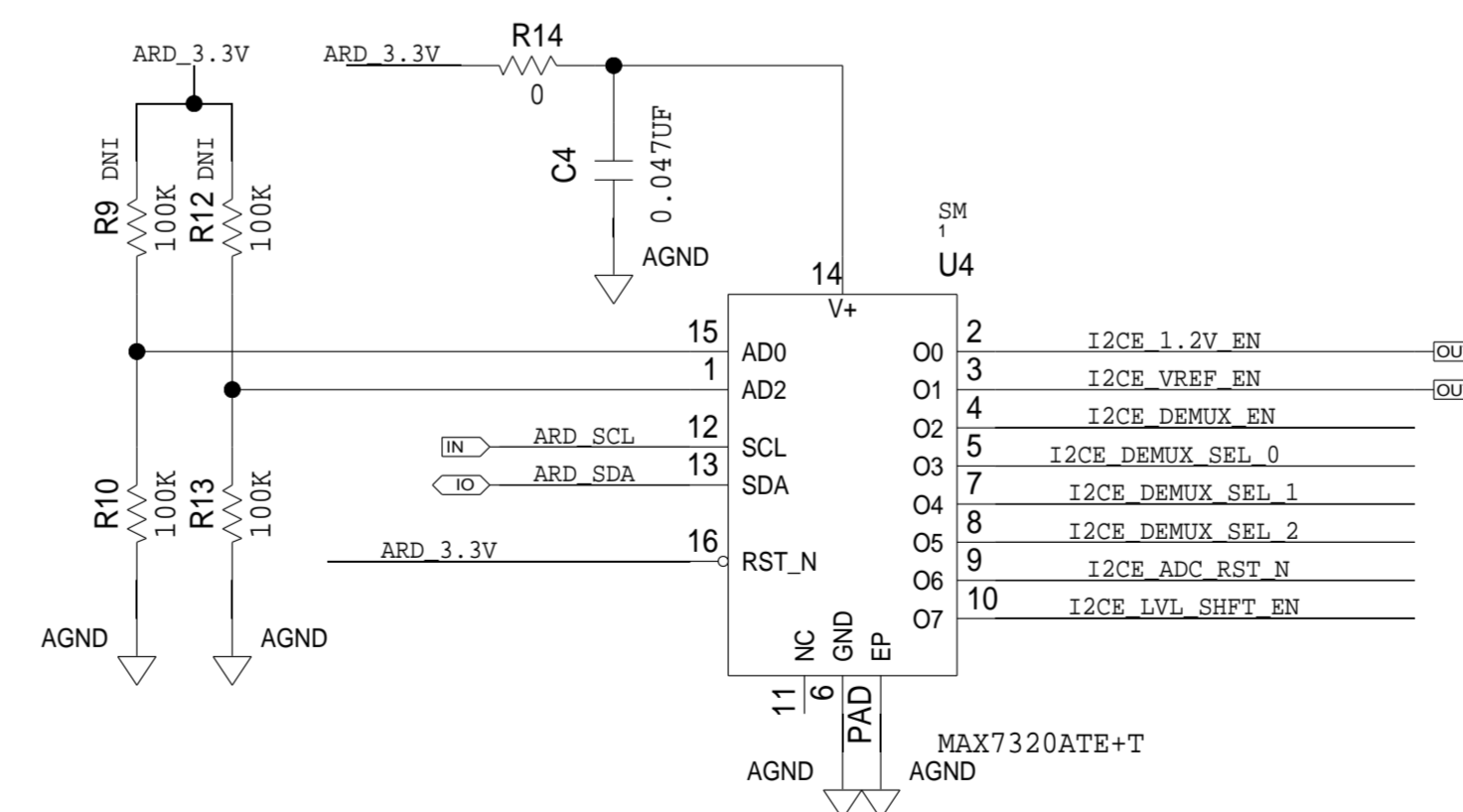


## LEVEL SHIFTER



## PORT EXPANDER

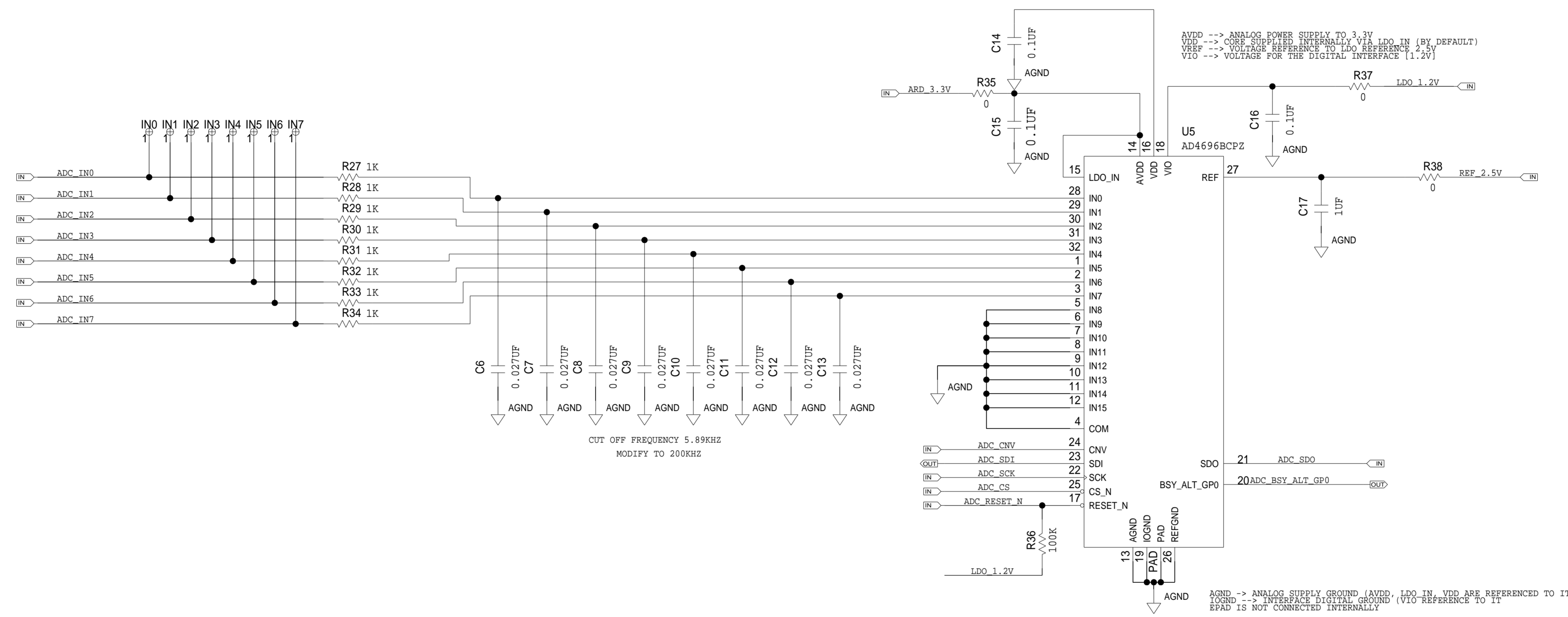
ADD\_0 = 0  
 ADD\_1 = 0  
 DEVICE ADDRESS=1011000  
 OUTPUTS POWER-UP DEFAULT = 00000000



SCHEMATIC			
		HW TYPE : Customer Evaluation Product(s): AD4696 : N/A	
DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_072492	REV A	
PTD ENGINEER <PTD_ENGINEER>	SIZE D	SCALE 1:1	SHEET 3 OF 7

# 16 CHANNEL MULTIPLEXED SAR ADC

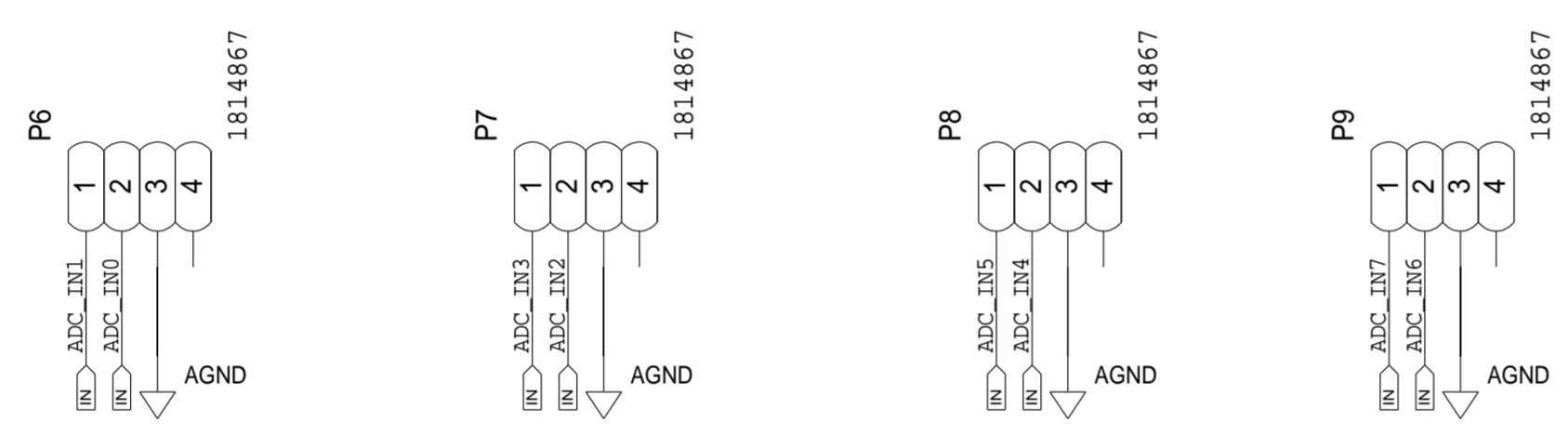
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



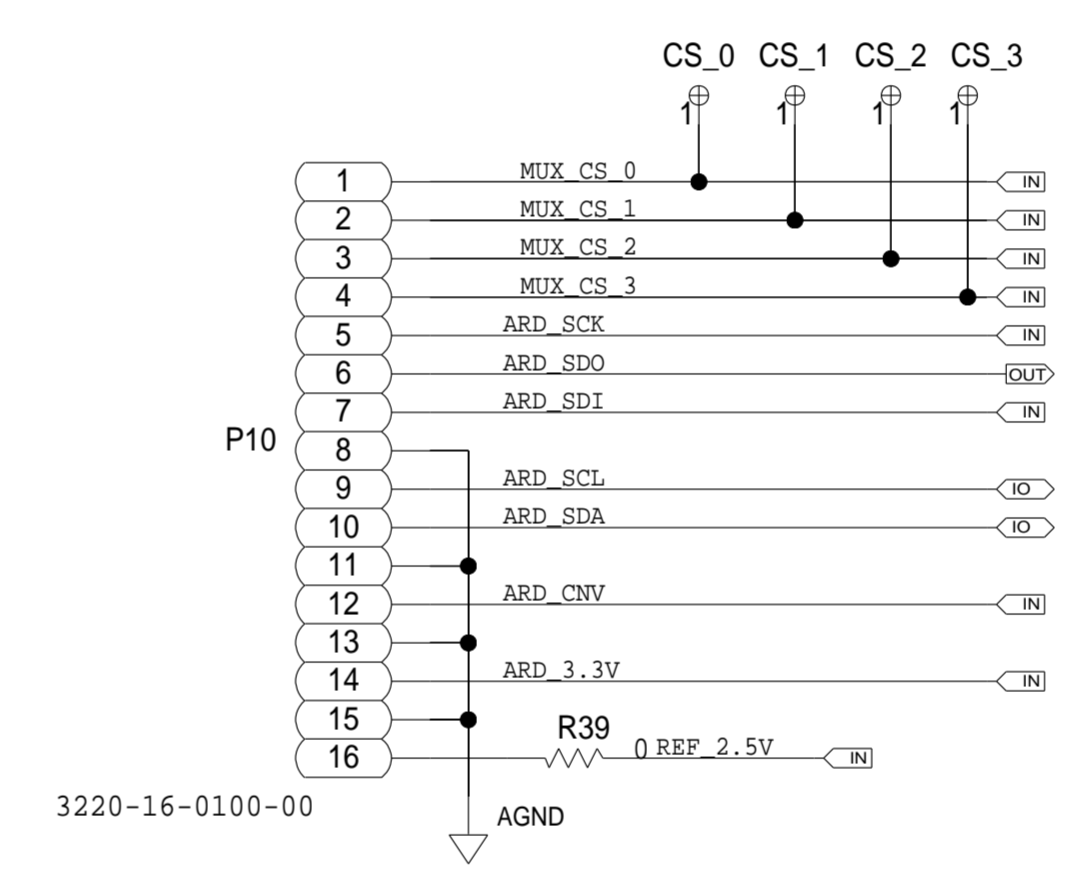
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	HW TYPE : Customer Evaluation Product(s) : AD4696 : N/A		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_072492	REV A
	PTD ENGINEER <PTD_ENGINEER>	SIZE <b>D</b> SCALE 1:1 SHEET 4 OF 7	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

ANALOG CONNECTORS



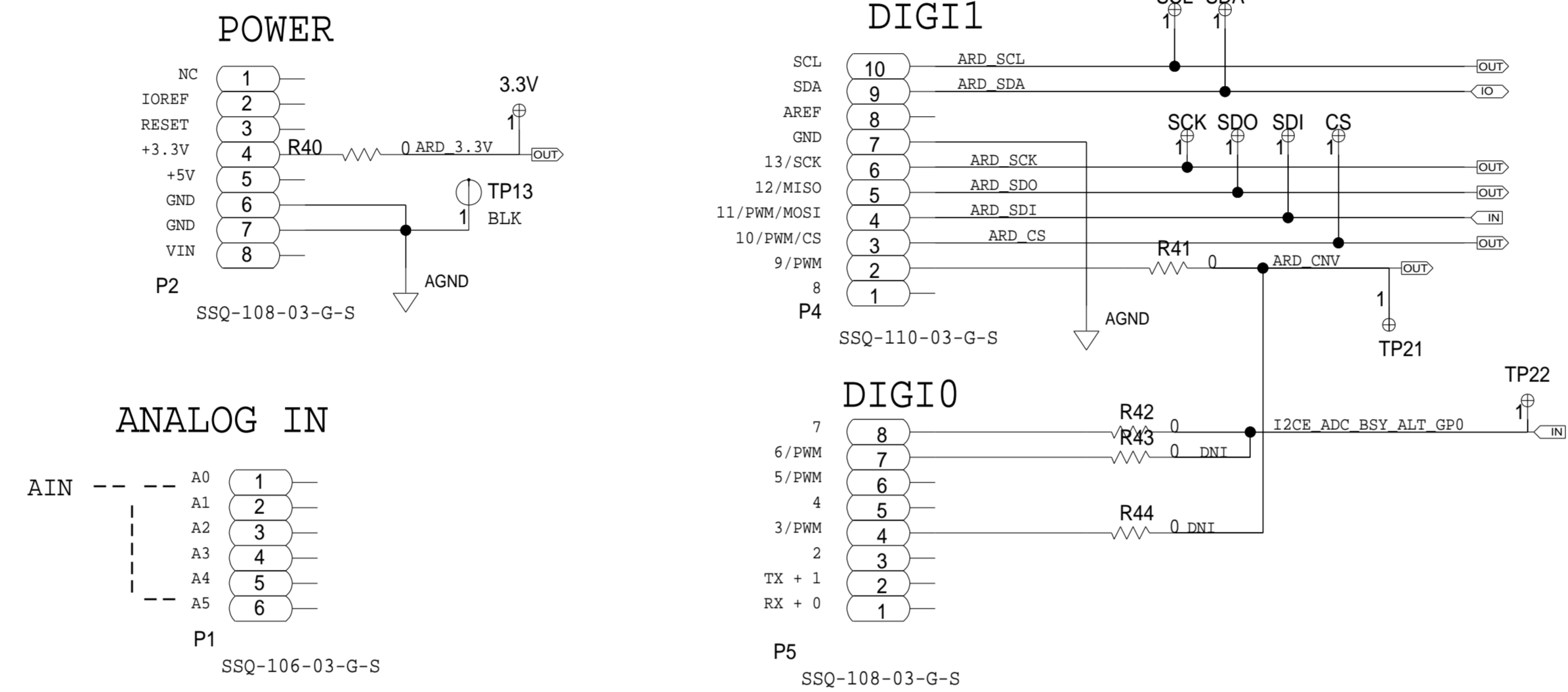
DIGITAL AND POWER CONNECTOR



	<b>SCHEMATIC</b>		
	HW TYPE : Customer Evaluation Product(s): AD4696 : N/A		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_072492	REV A
PTD ENGINEER <PTD_ENGINEER>	SIZE <b>D</b>	SCALE 1:1	SHEET 5 OF 7

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

# ARDUINO CONNECTOR

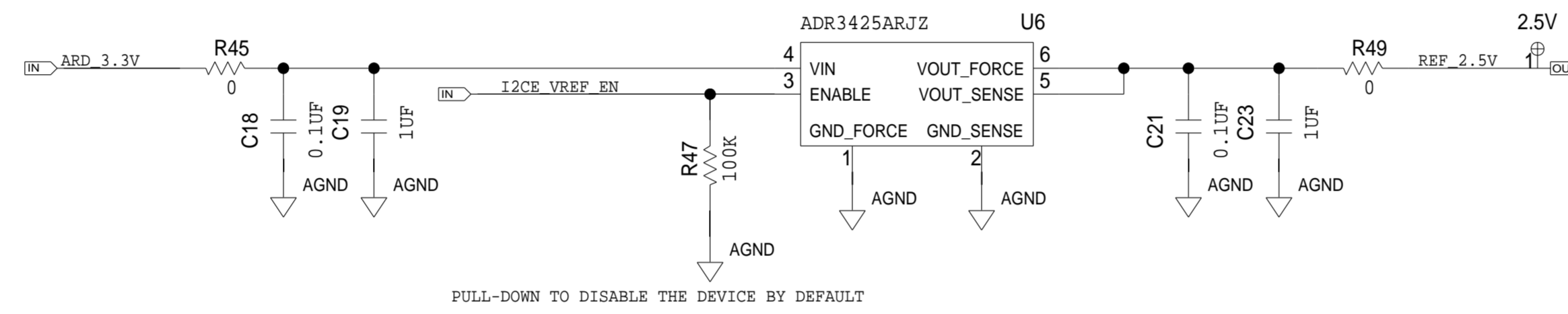


	<b>SCHEMATIC</b>		
	HW TYPE : Customer Evaluation Product(s) : AD4696 : N/A		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_072492	REV A
	PTD ENGINEER <PTD_ENGINEER>	SIZE D	SCALE 1:1
		SHEET 6 OF 7	

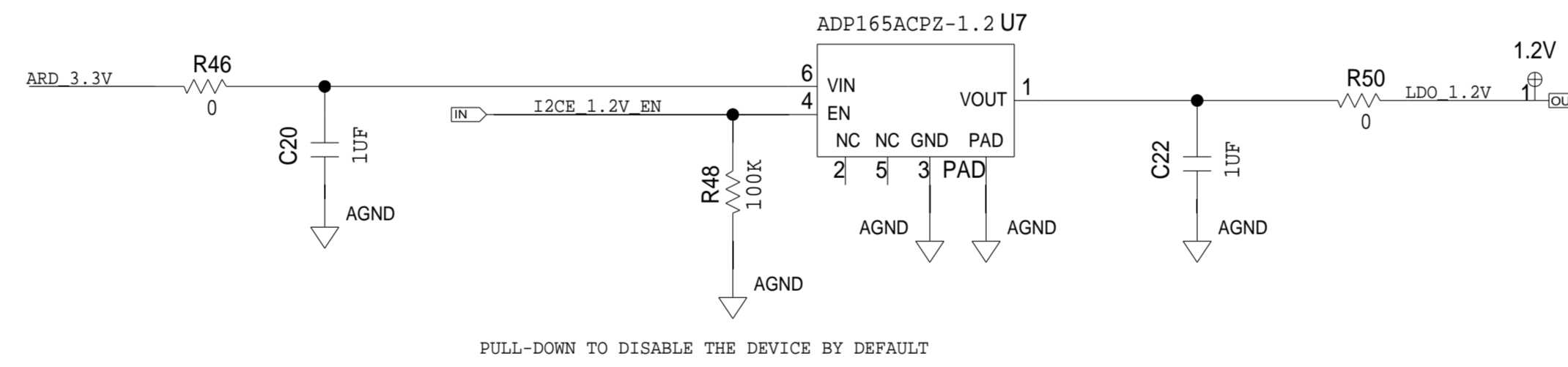
POWER SUPPLY AND REFERENCE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

VOLTAGE REFERENCE



ADC CORE SUPPLY



	<b>SCHEMATIC</b>		
	HW TYPE : Customer Evaluation Product(s): AD4696 : N/A		
DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_072492	REV A	
PTD ENGINEER <PTD_ENGINEER>	SIZE D	SCALE 1:1	SHEET 7 OF 7