

8 7 6 5 4 3 2 1

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JUMPER TABLE

JP#	ON	OFF
1		
2		
3		
4		
5		

* SEE ASSEMBLY INSTRUCTIONS

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	11/15/18	B.P.
B	CHANGE PER ECR-085275	12FEB19	B.P.
C	CHANGE PER ECR-086688	11APR19	B.P.

RELAY CONTROL CHART

CONTROL	CODE	DEVICE	FUNCTION	CONNECTOR

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

<small>TEMPLATE ENGINEER</small> -	<small>DATE</small>	<h1>SCHEMATIC</h1>	
<small>HARDWARE SERVICES</small> -			
<small>HARDWARE SYSTEMS</small> -		<small>HW TYPE</small> : Customer Evaluation	
<small>TEST ENGINEER</small> -		<small>Product(s)</small> : ADA4355	
<small>COMPONENT ENGINEER</small> -		<small>PACKAGE</small> : 84-lead 12X6_MM BGA-family	
<small>TEST PROCESS</small> -		<small> </small> : Pitch-pitch StyleVendor Style	
<small>HARDWARE RELEASE</small> -		<small><User Define></small>	
		<small><User Define></small>	
<small>DESIGNER</small> David Corbin		<small>MASTER PROJECT TEMPLATE</small> TBD	<small>TESTER TEMPLATE</small> no_template
<small>PTD ENGINEER</small> Bruce Petipas		DRAWING NO. 02_052057	
<small>CHECKER</small> -		<small>REV.</small> D	
		<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</small>	
		TOLERANCES	
		<small>DECIMALS</small> X.XX +0.010 X.XXX +0.005	<small>FRACTIONS</small> +1/32 <small>ANGLES</small> +2
		<small>SIZE</small> D	<small>SCALE</small> 1:1
		<small>CODE ID NO.</small> CodeID	<small>SHEET 1</small> OF 7

8 7 6 5 4 3 2 1

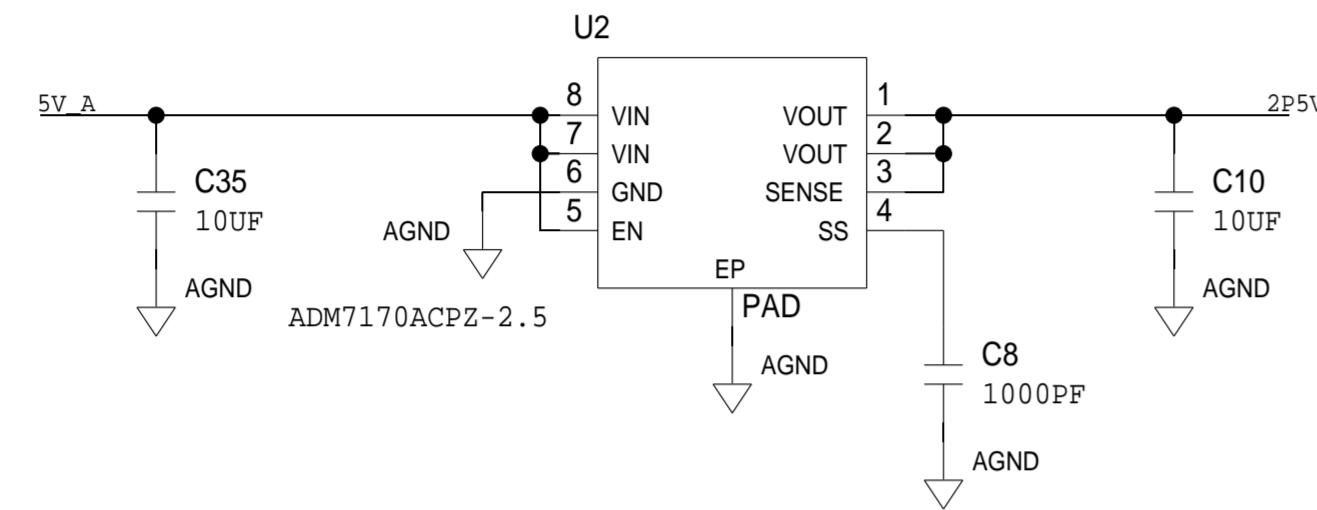
D
C
B
A

D
C
B
A

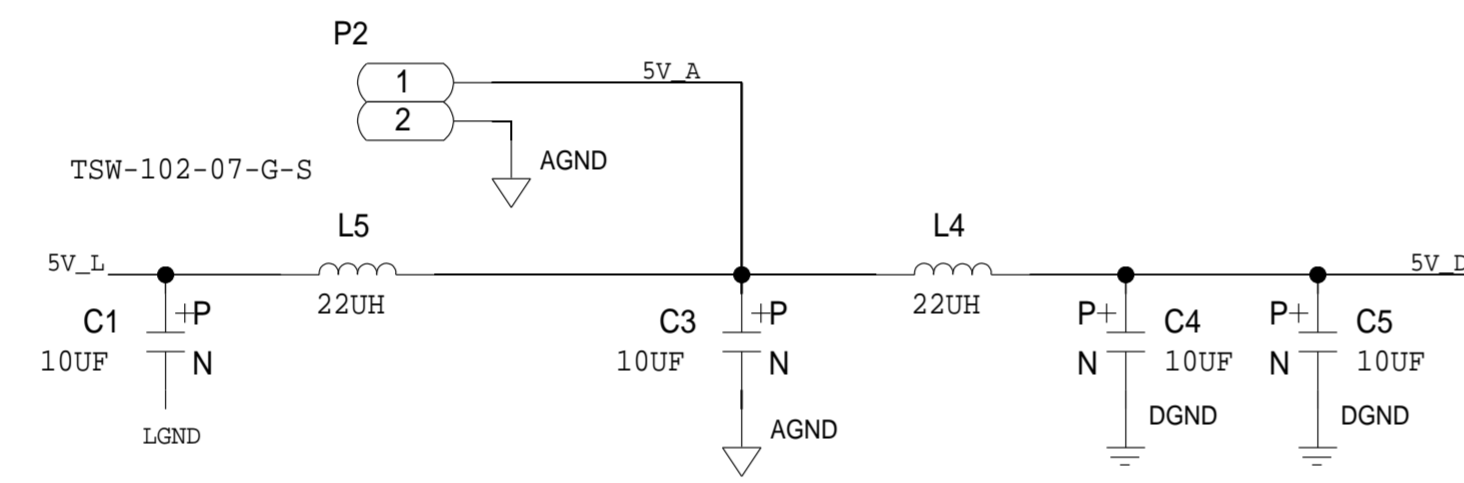
SUPPLY CONNECTIONS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

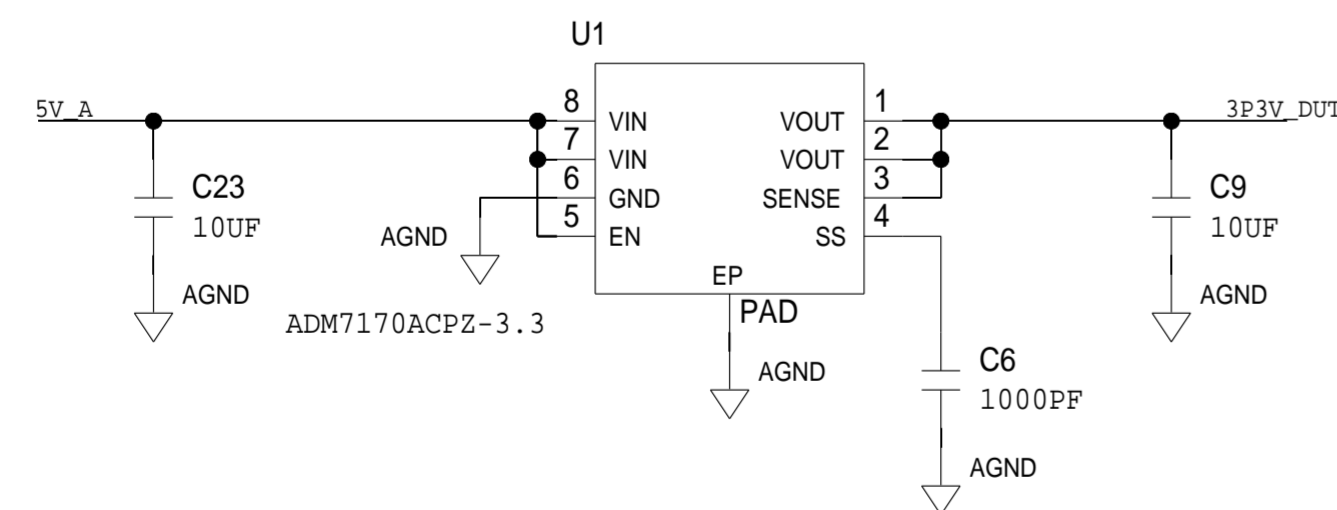
2.5V SUPPLY SELECTION



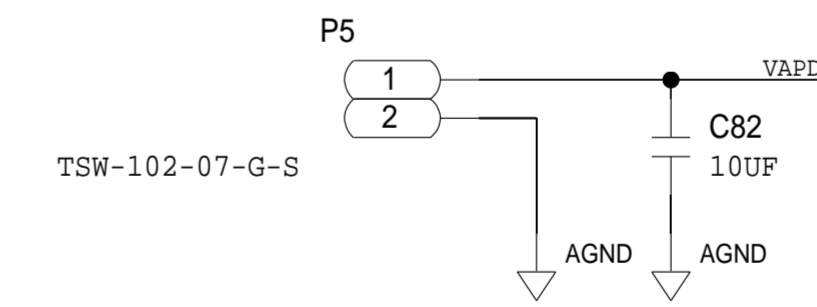
5V SUPPLY SELECTION



3.3V SUPPLY SELECTION



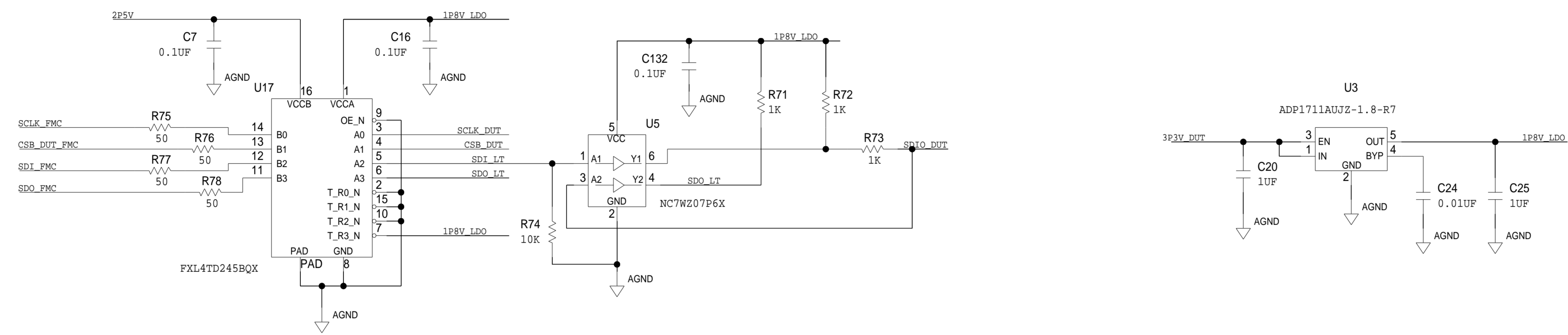
APD BIAS SELECTION



	SCHEMATIC		
	HW TYPE : Customer Evaluation Product(s): ADA4355 : ADA4355		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_052057	REV D
	PTD ENGINEER Bruce Petipas	SIZE D	SCALE 1:1
		SHEET 2 OF 7	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

LDO & LEVEL SHIFTER FOR DUT SPI LINES

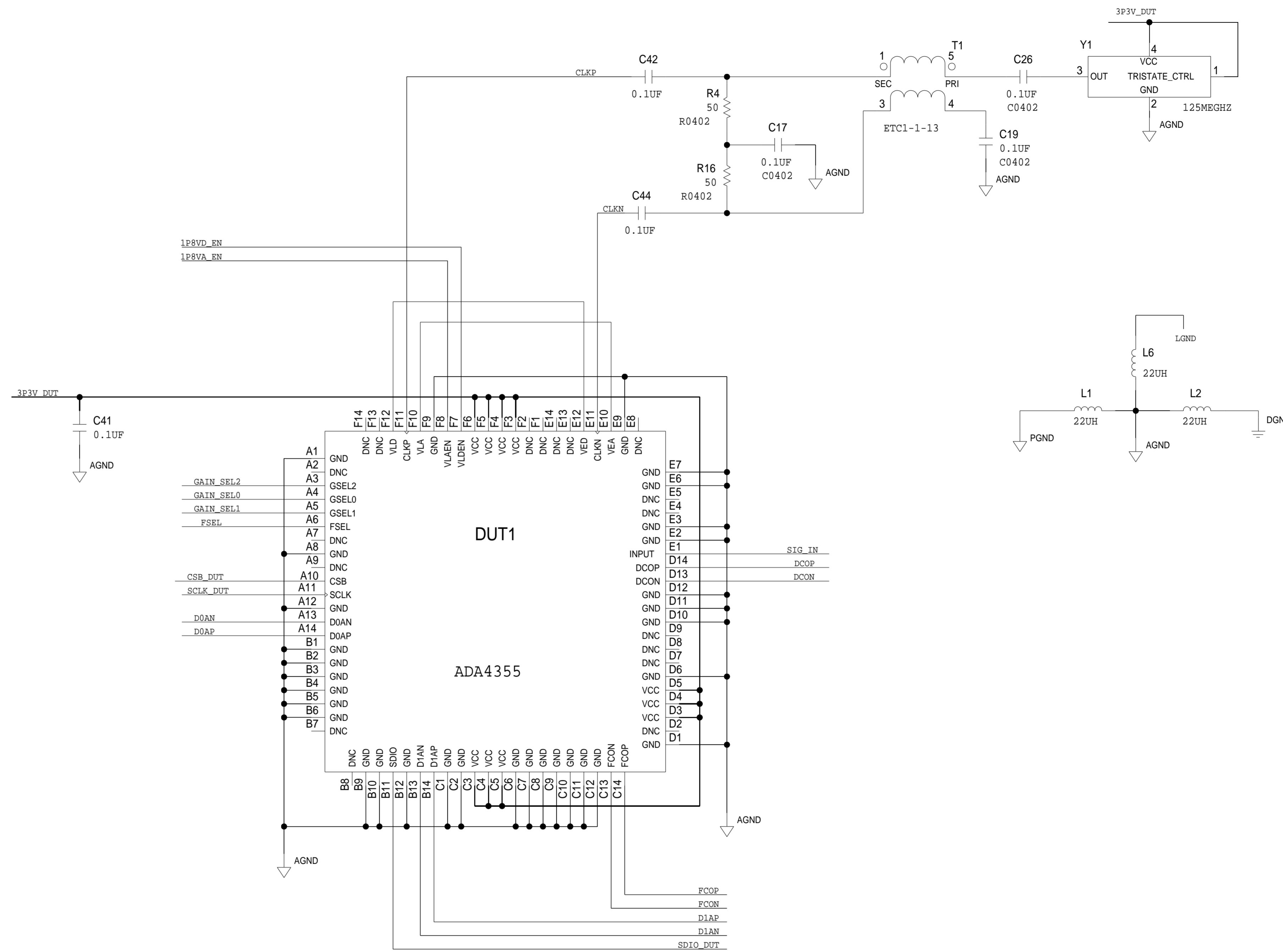


	SCHEMATIC		
	HW TYPE : Customer Evaluation Product(s): ADA4355 : ADA4355		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_052057	REV D
	PTD ENGINEER Bruce Petipas	SIZE D	SCALE 1:1
		SHEET 3 OF 7	

ADA4355 DUT

PLACE ALL DECOUPLING CAPS ON BOTTOM OF BOARD AS CLOSE AS POSSIBLE TO DUT

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



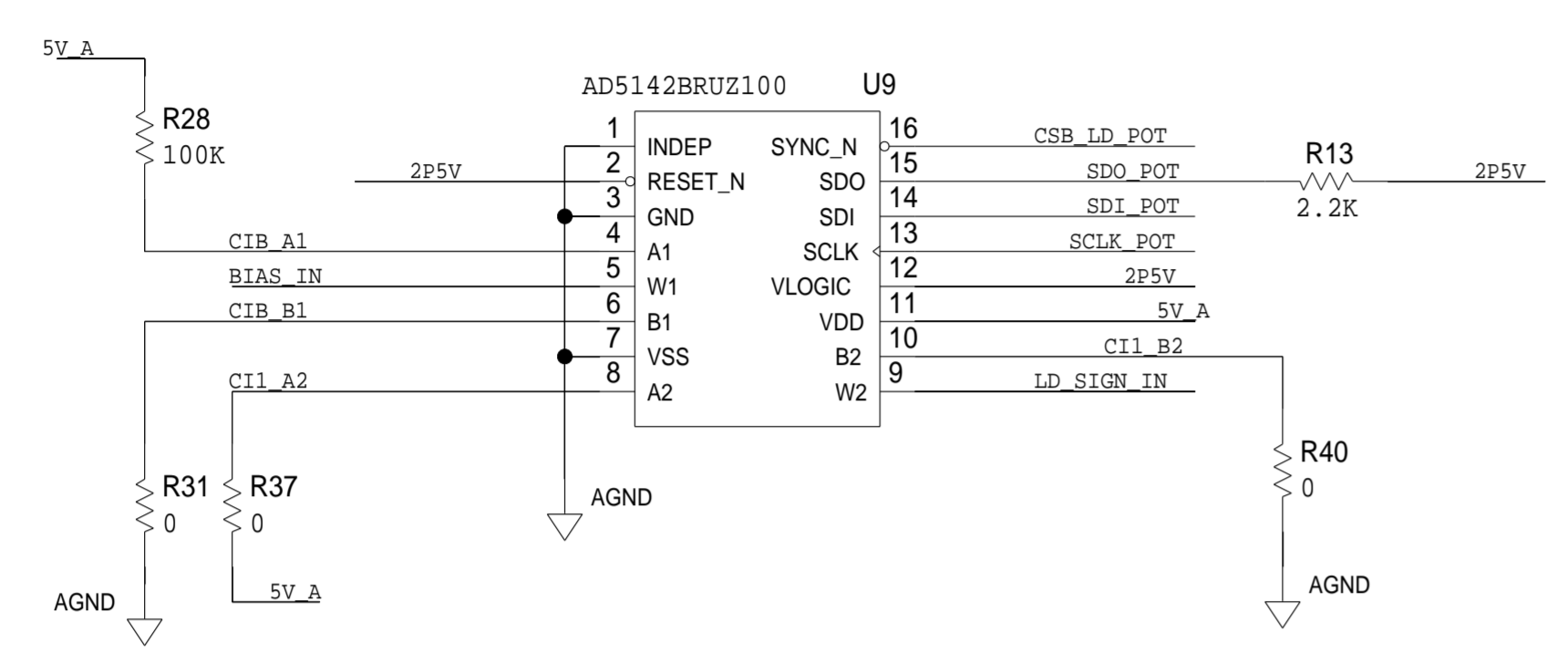
<p>ANALOG DEVICES</p> <p><small>THIS DRAWING IS THE PROPERTY OF ANALOG DEVICES INC. IT IS NOT TO BE REPRODUCED OR COPIED, IN WHOLE OR IN PART, OR USED IN ANY MANNER THAT WOULD BE DETRIMENTAL TO THE INTERESTS OF ANALOG DEVICES. THE EQUIPMENT SHOWN HEREIN MAY BE PROTECTED BY PATENTS OWNED OR CONTROLLED BY ANALOG DEVICES.</small></p>	SCHEMATIC		
	HW TYPE : Customer Evaluation Product(s): ADA4355 : ADA4355		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_052057	REV D
	PTD ENGINEER Bruce Petipas	SIZE D	SCALE 1:1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

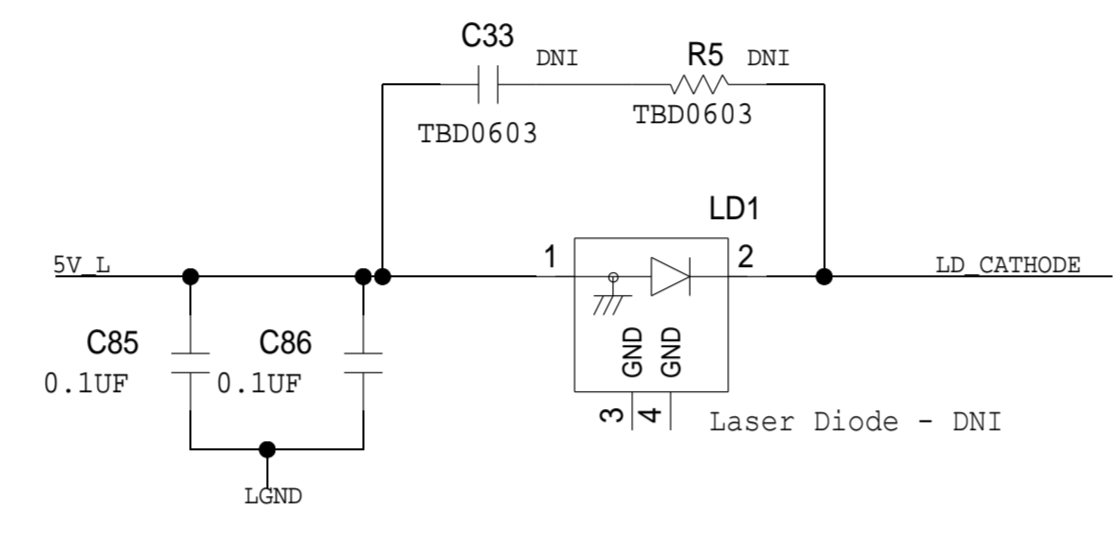
LASER DRIVER CIRCUIT

PLACE ALL DECOUPLING CAPS AS CLOSE AS POSSIBLE TO THEIR RESPECTIVE IC

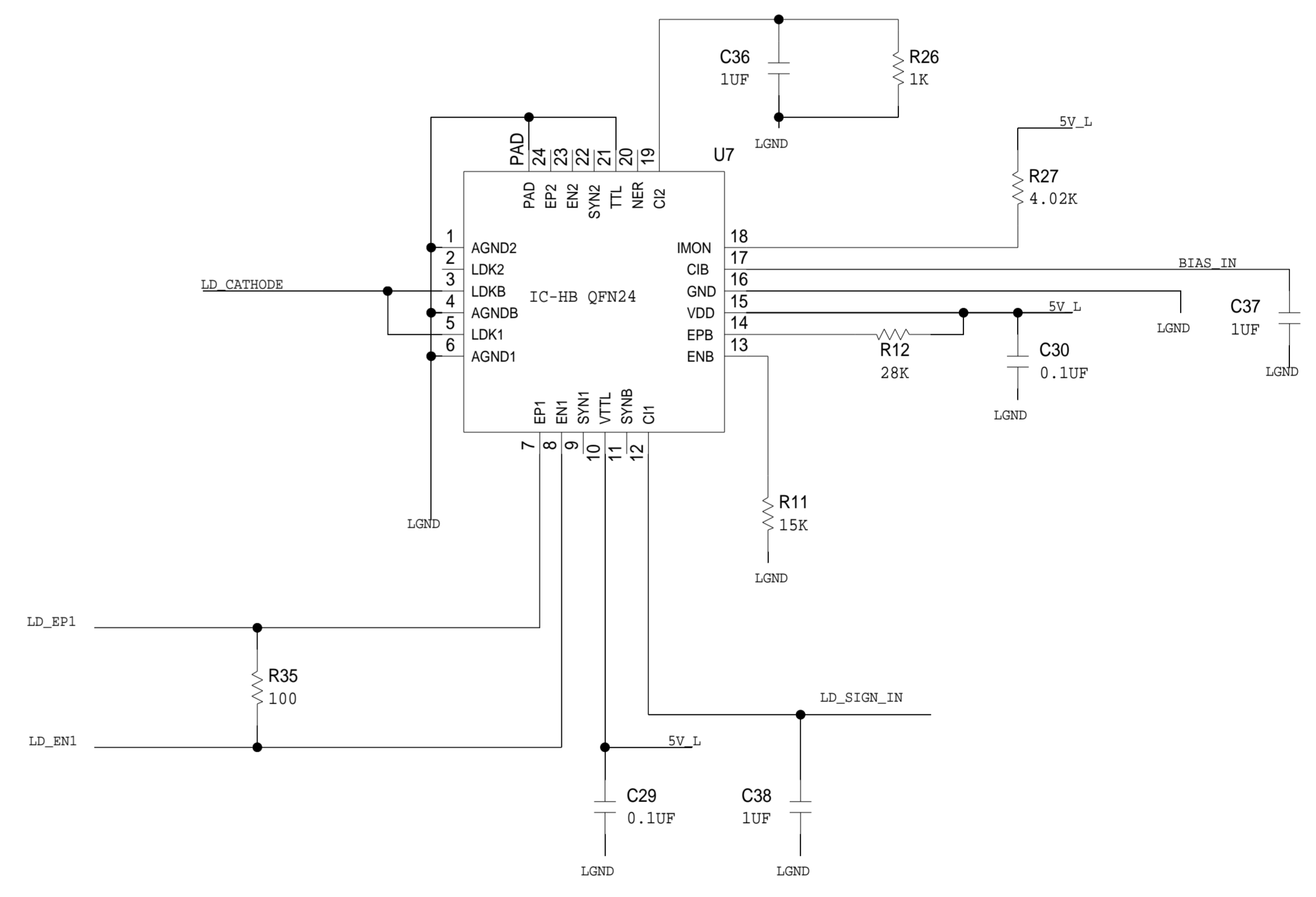
DIGITAL LASER POWER TRIM



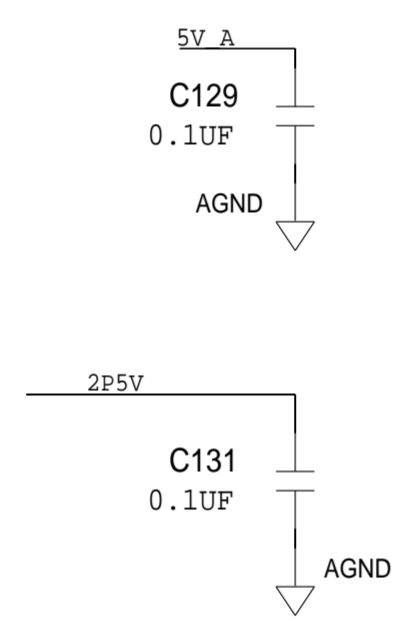
LASER DIODE



LASER DIODE DRIVER



PLACE THESE CAPS AS CLOSE TO U9 AS POSSIBLE

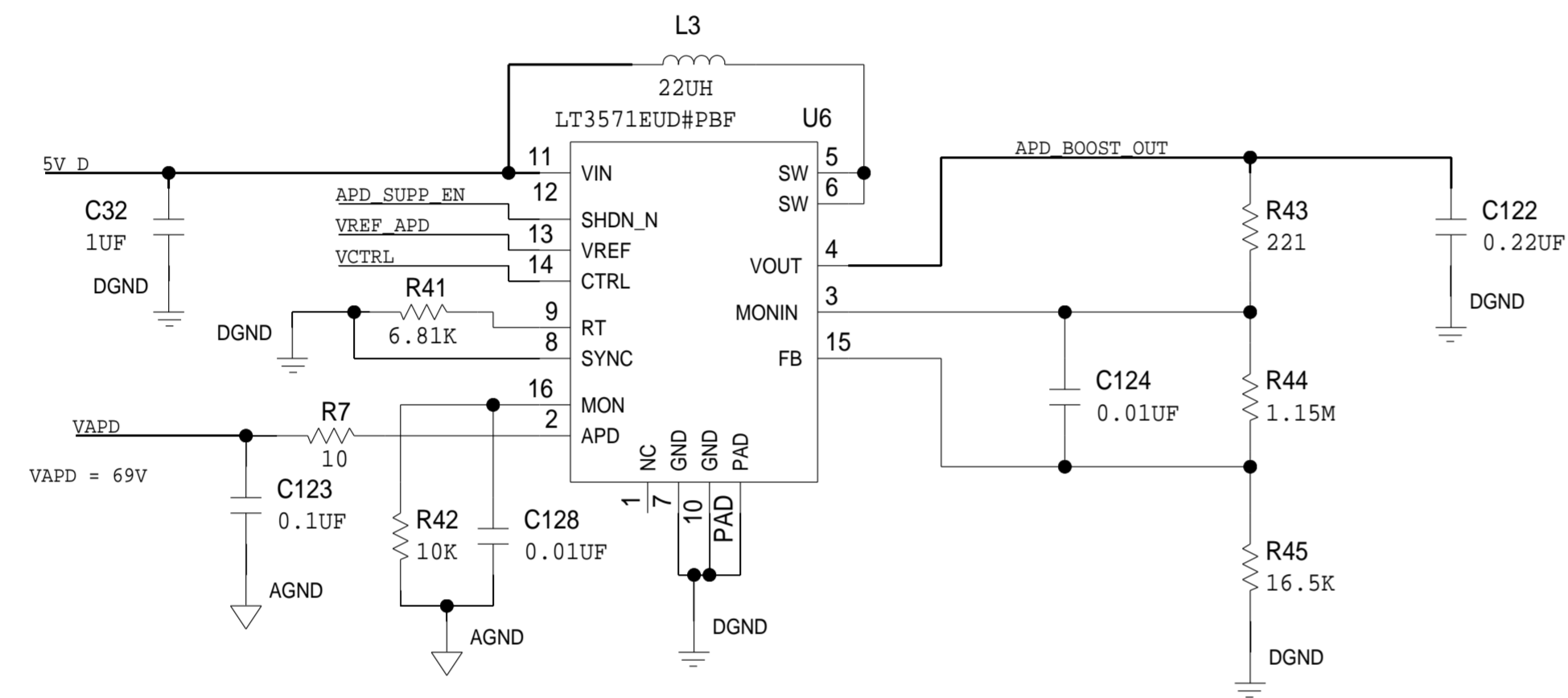


	SCHEMATIC		
	HW TYPE : Customer Evaluation Product(s) : ADA4355 : ADA4355		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_052057	REV D
	PTD ENGINEER Bruce Petipas	SIZE D	SCALE 1:1
		SHEET 5 OF 7	

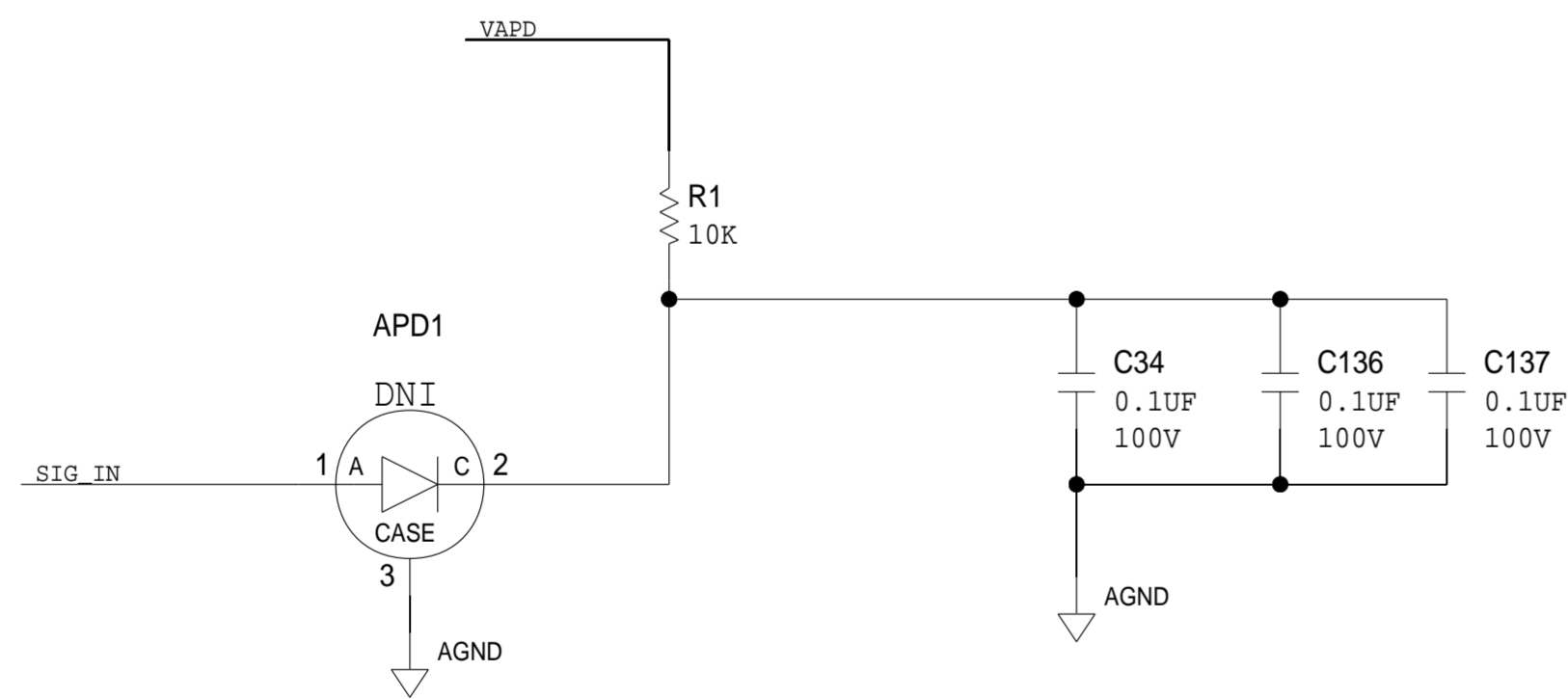
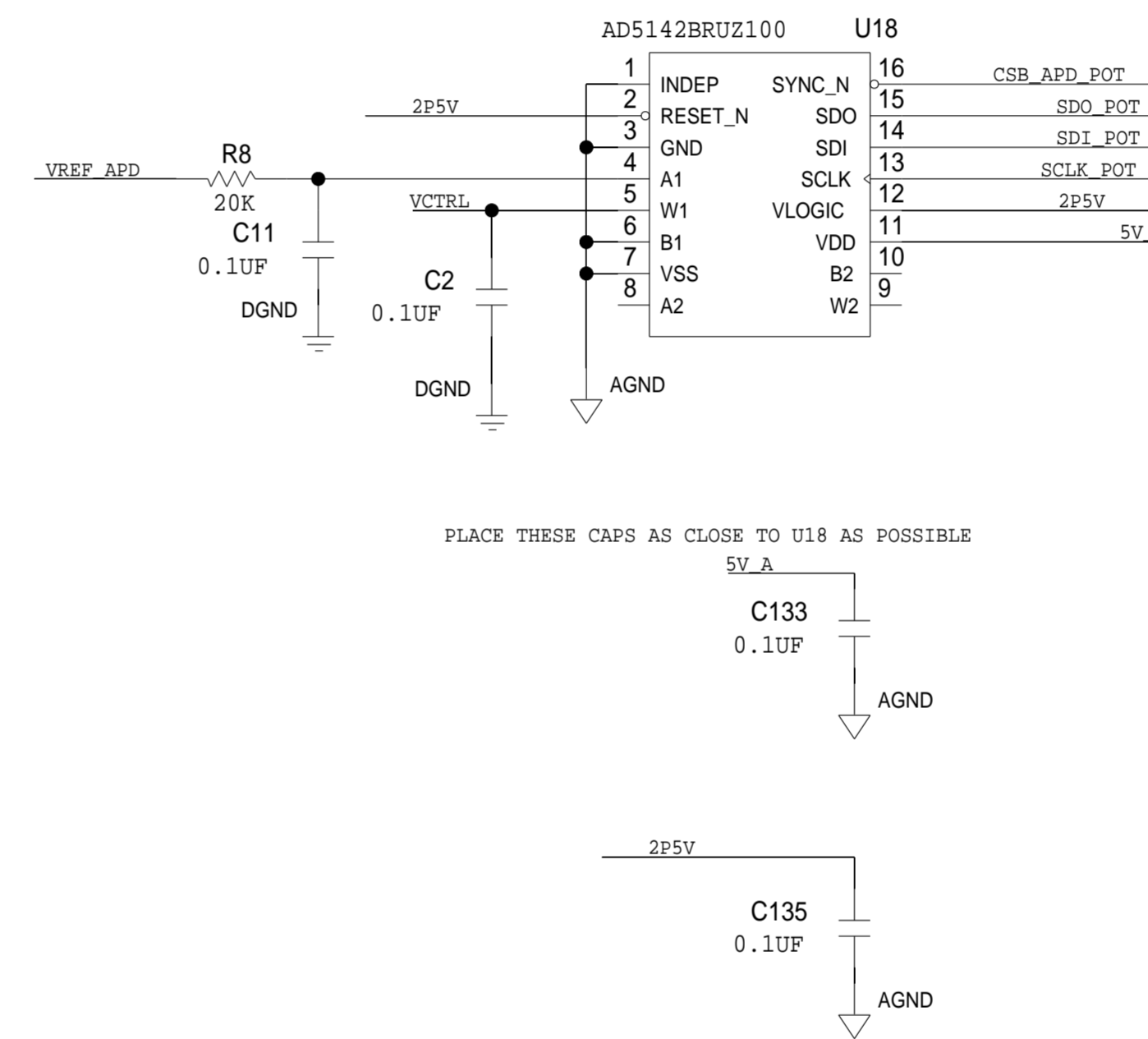
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

APD VOLTAGE GENERATOR

APD POWER SUPPLY



DIGITAL APD VOLTAGE ADJUST

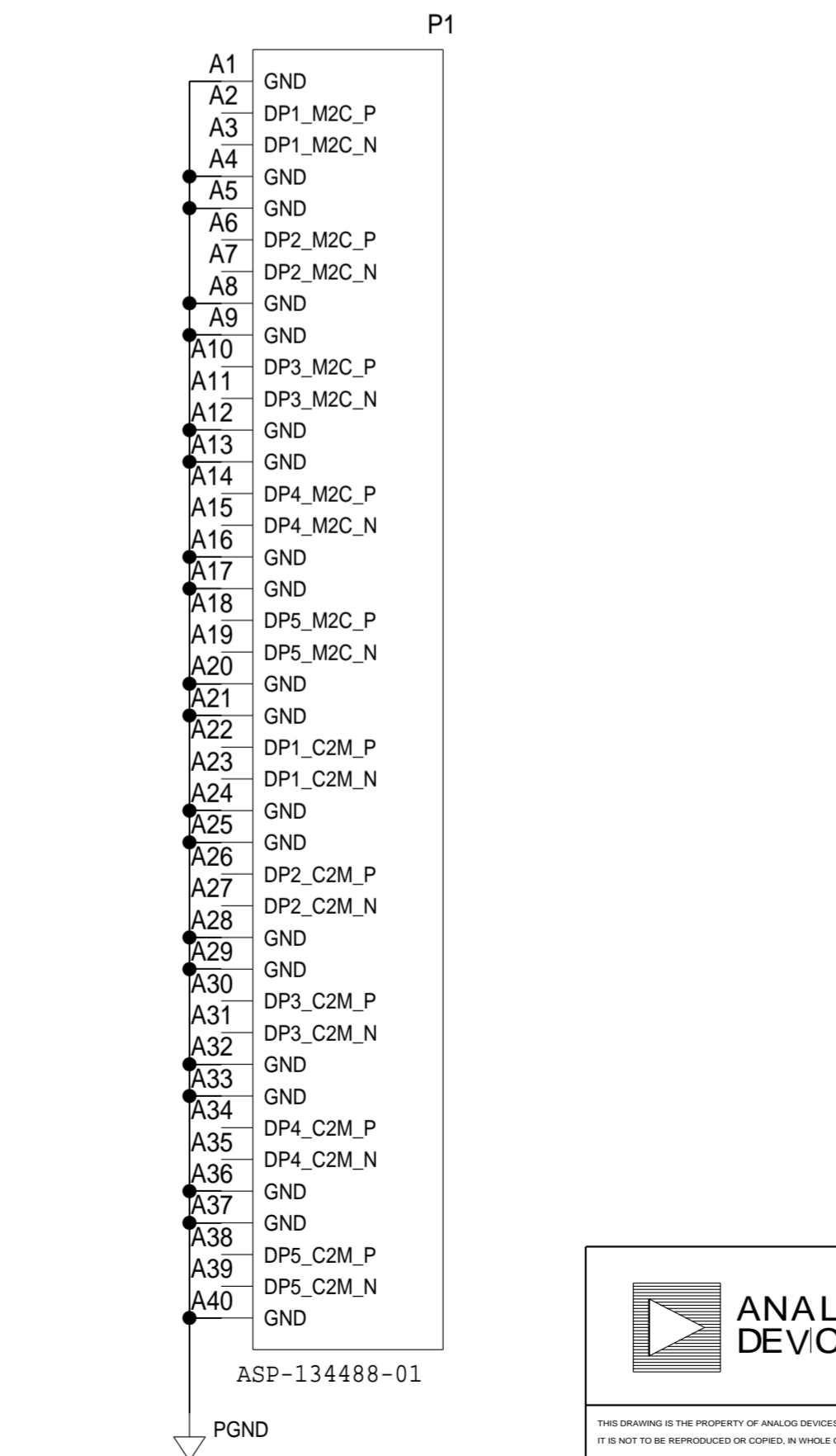
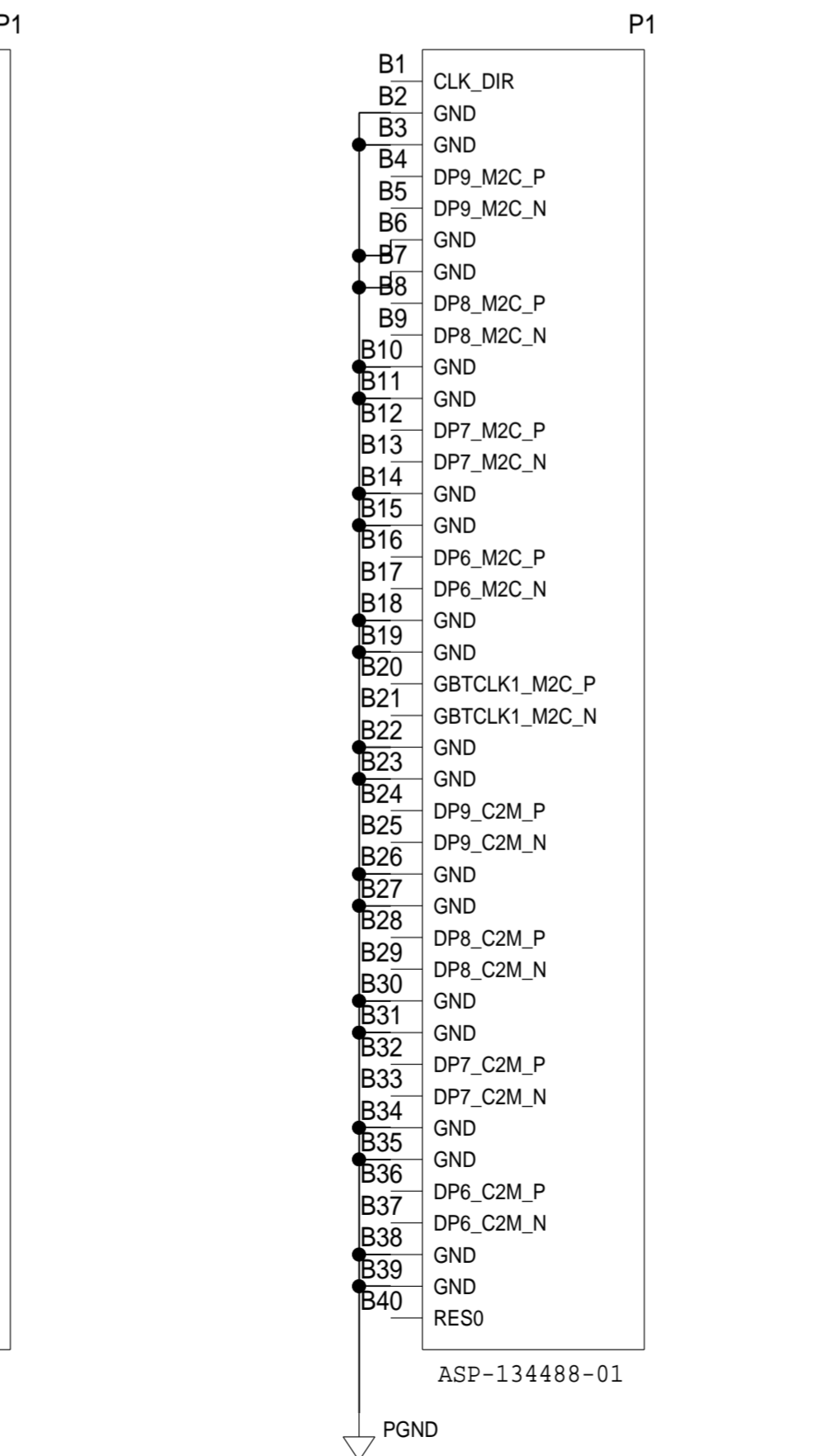
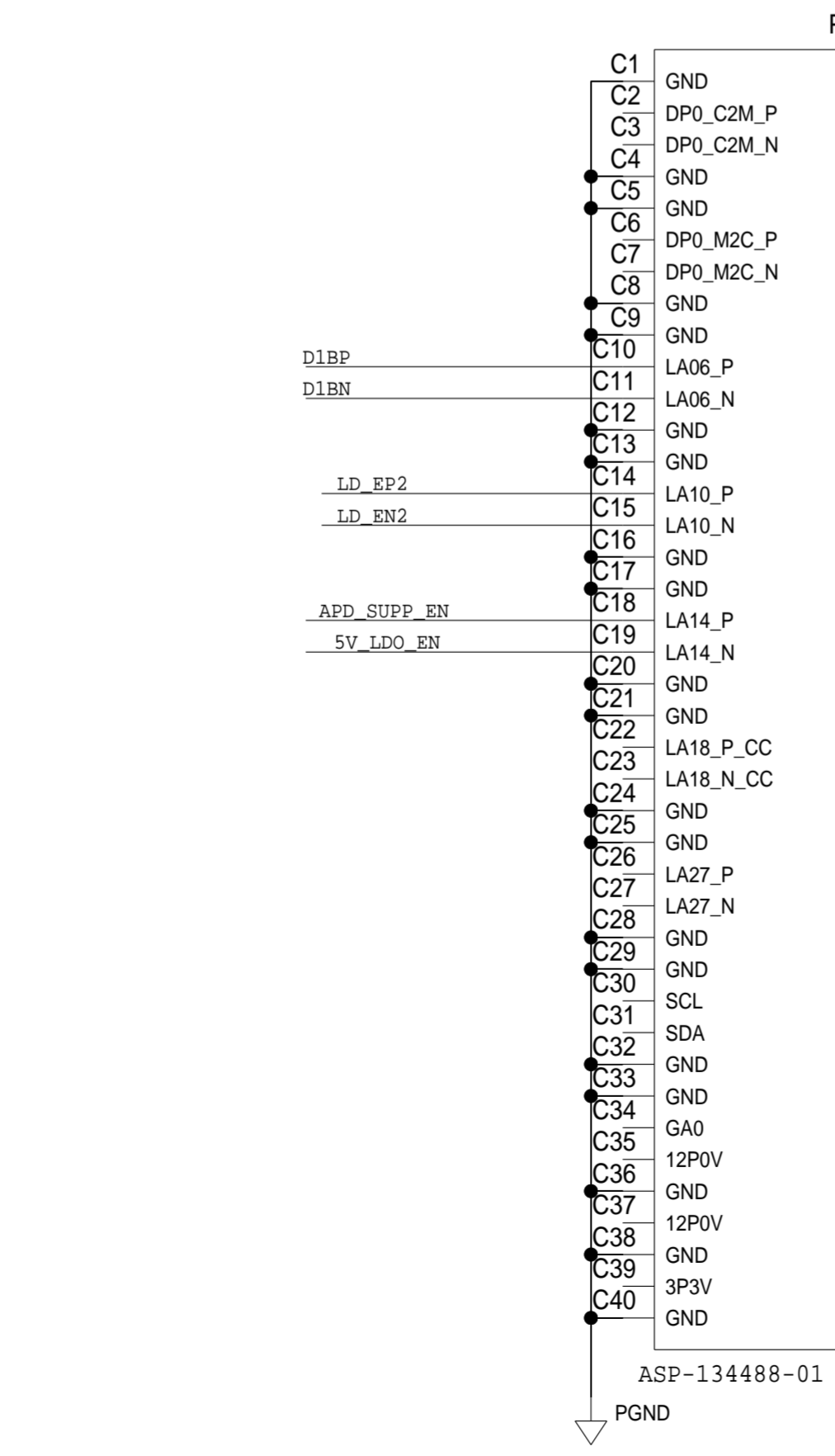
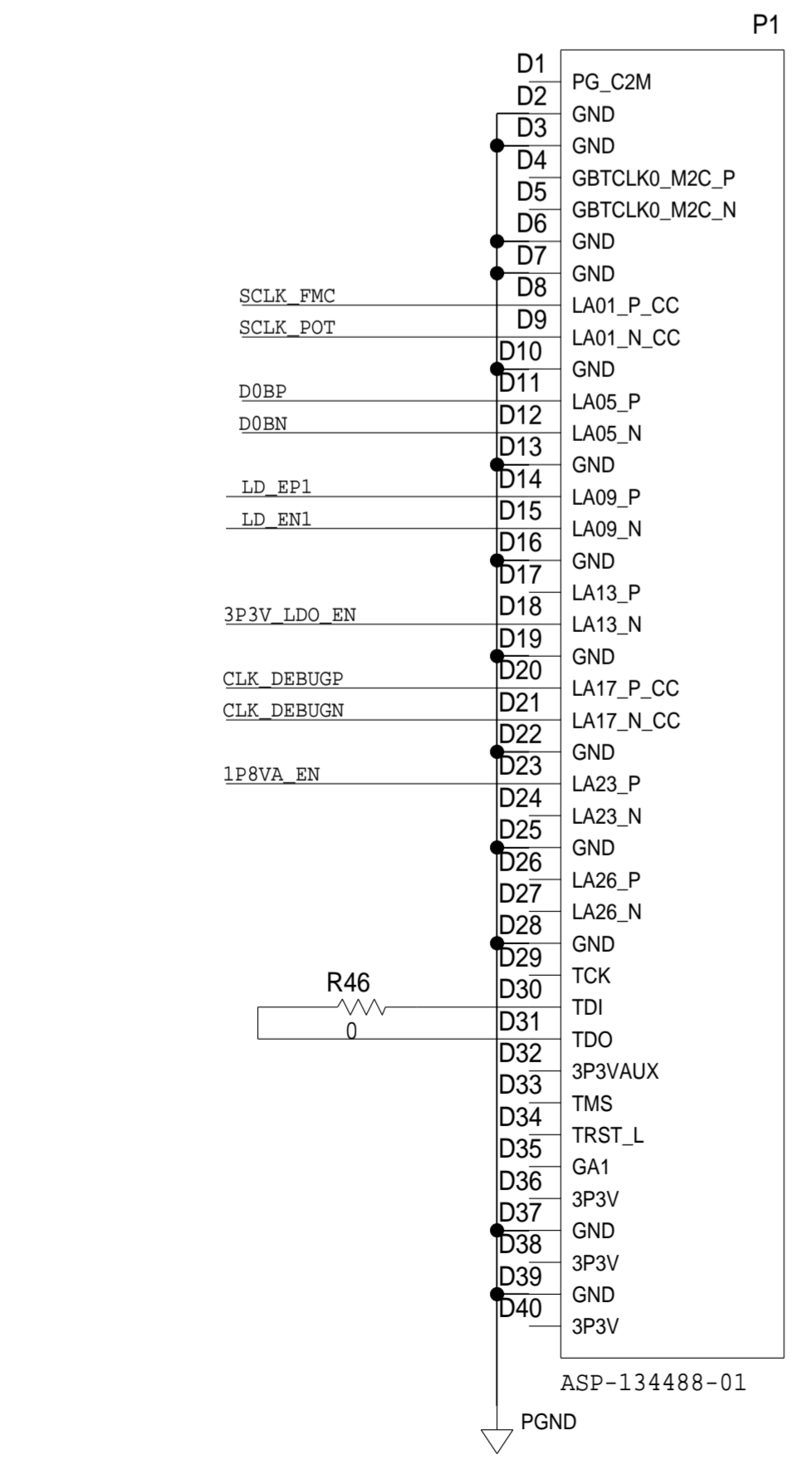
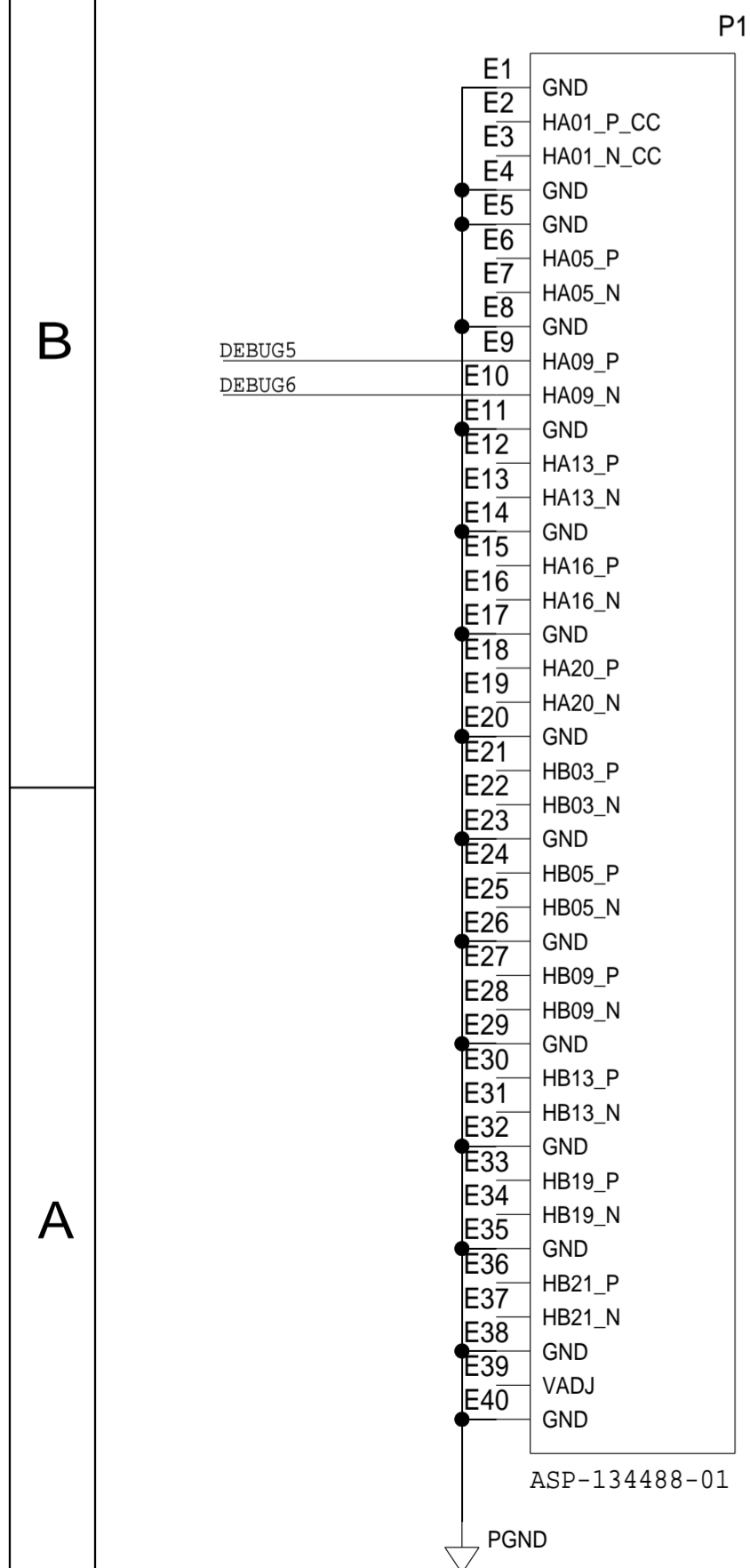
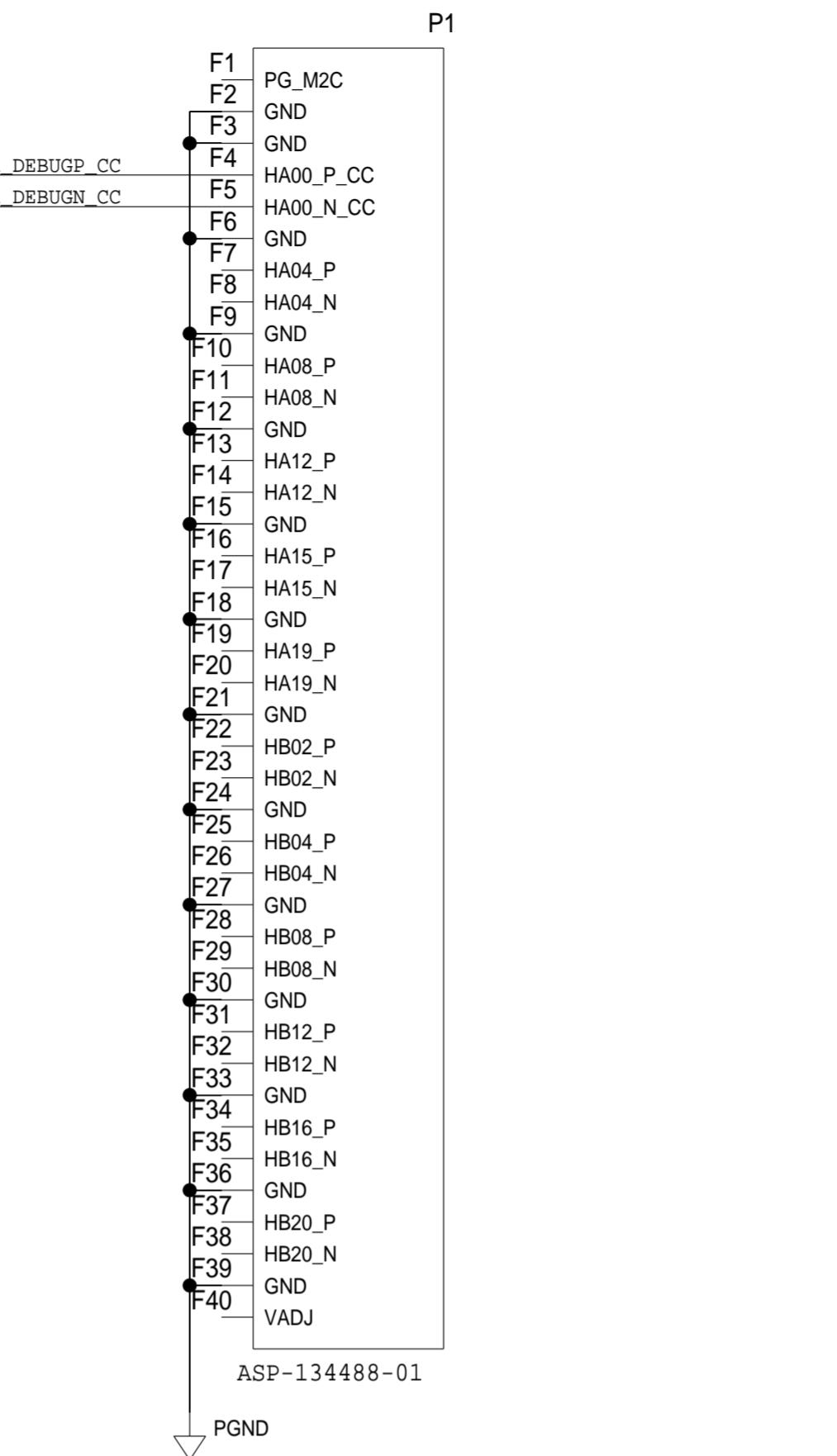
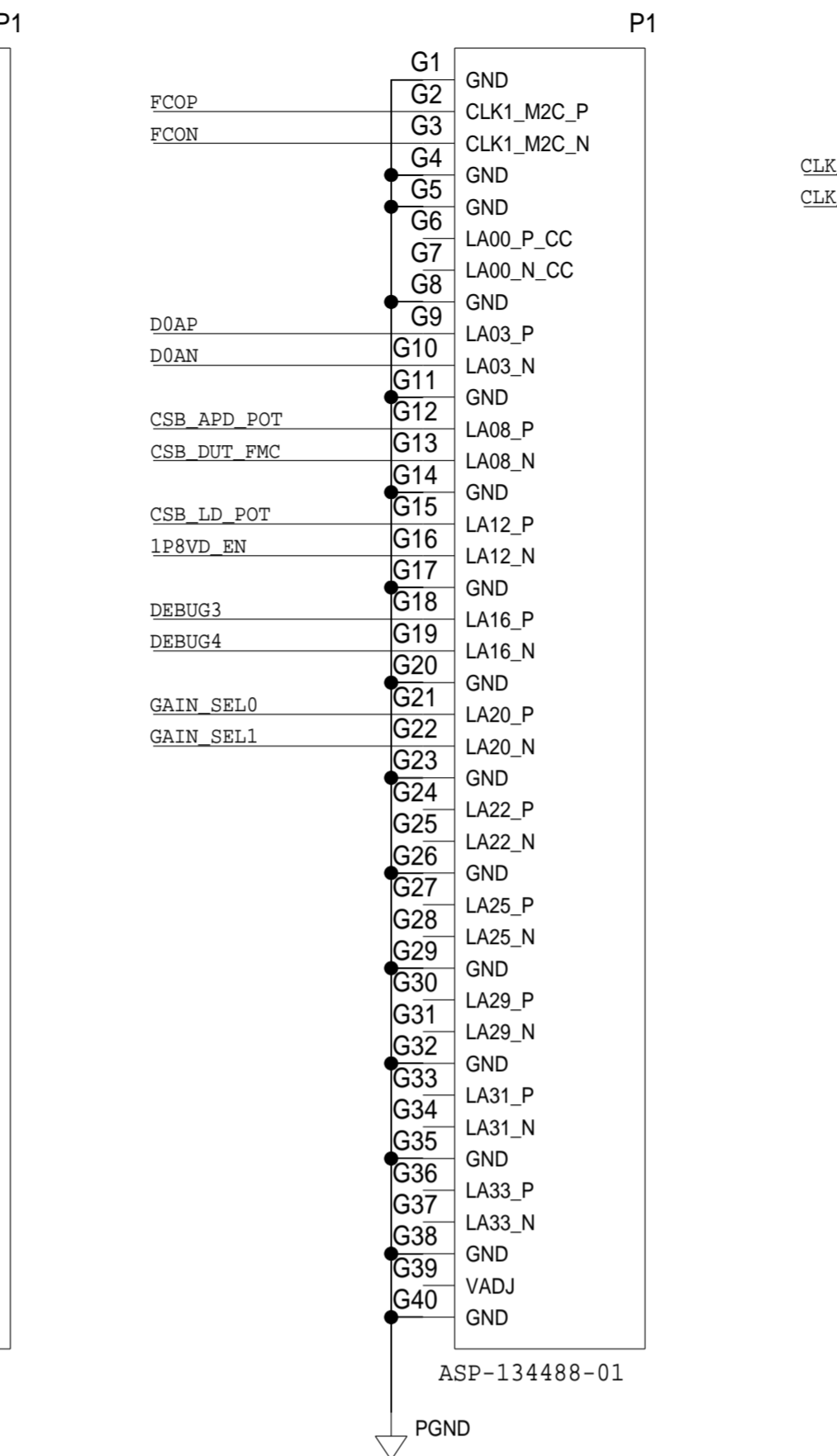
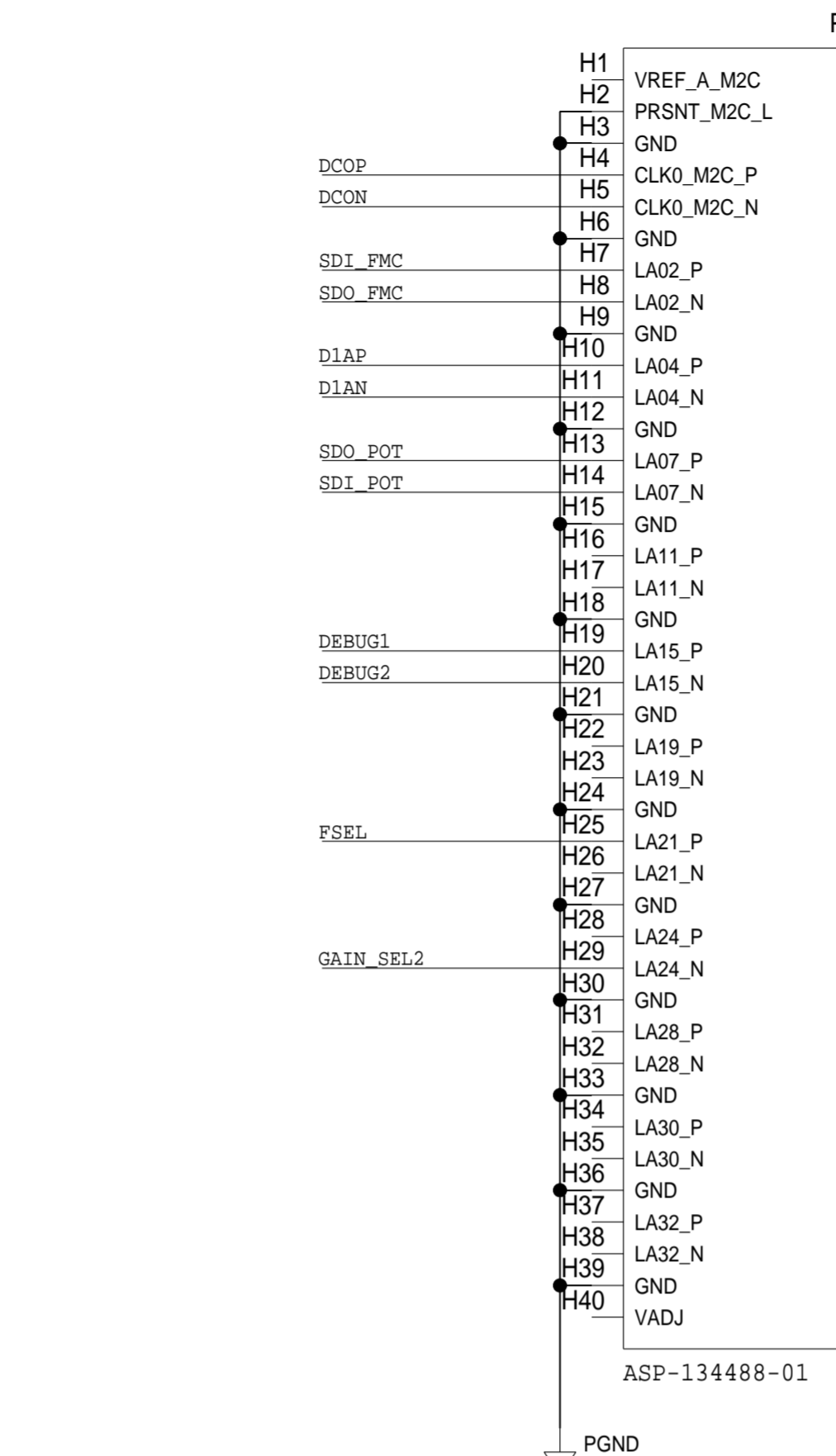
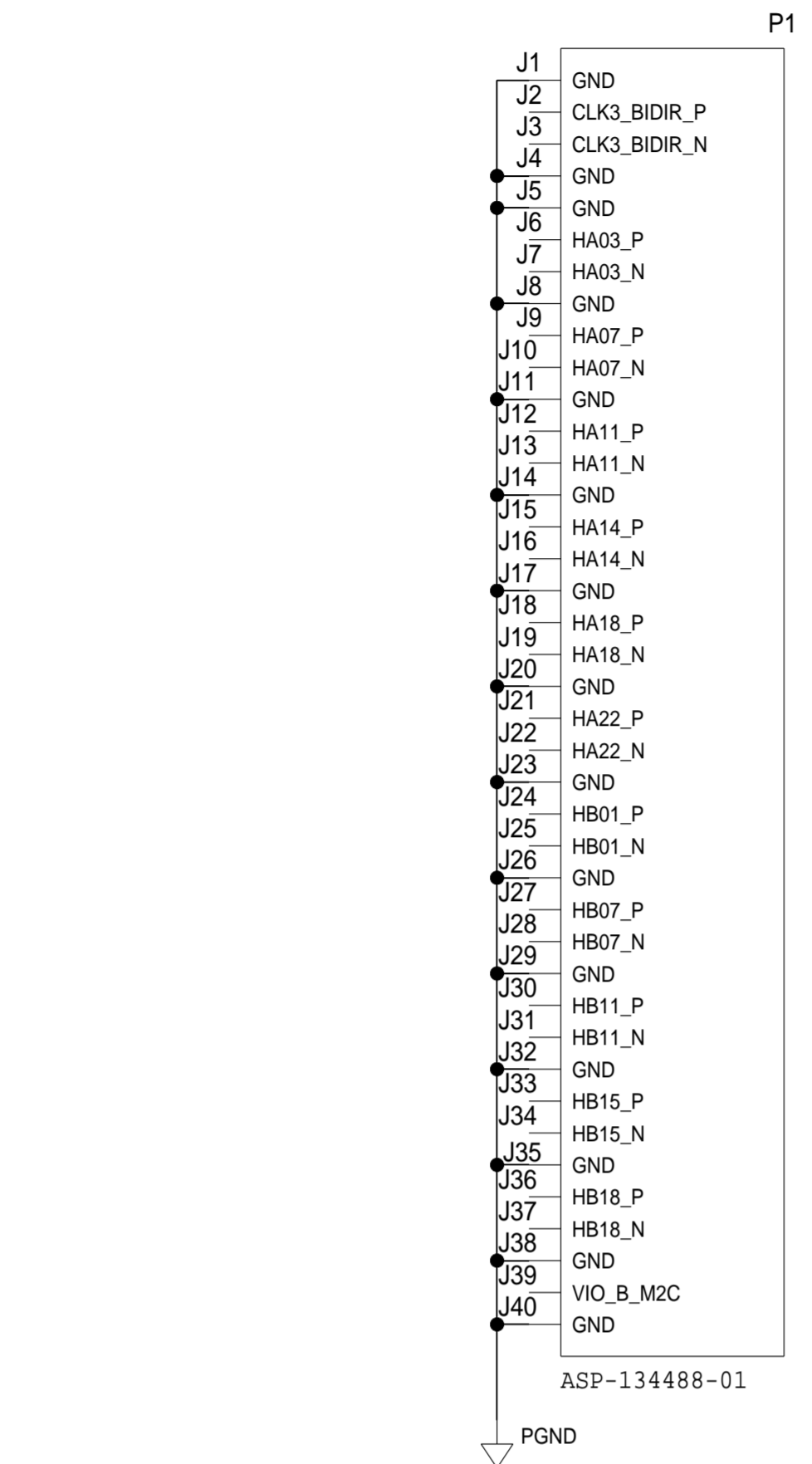
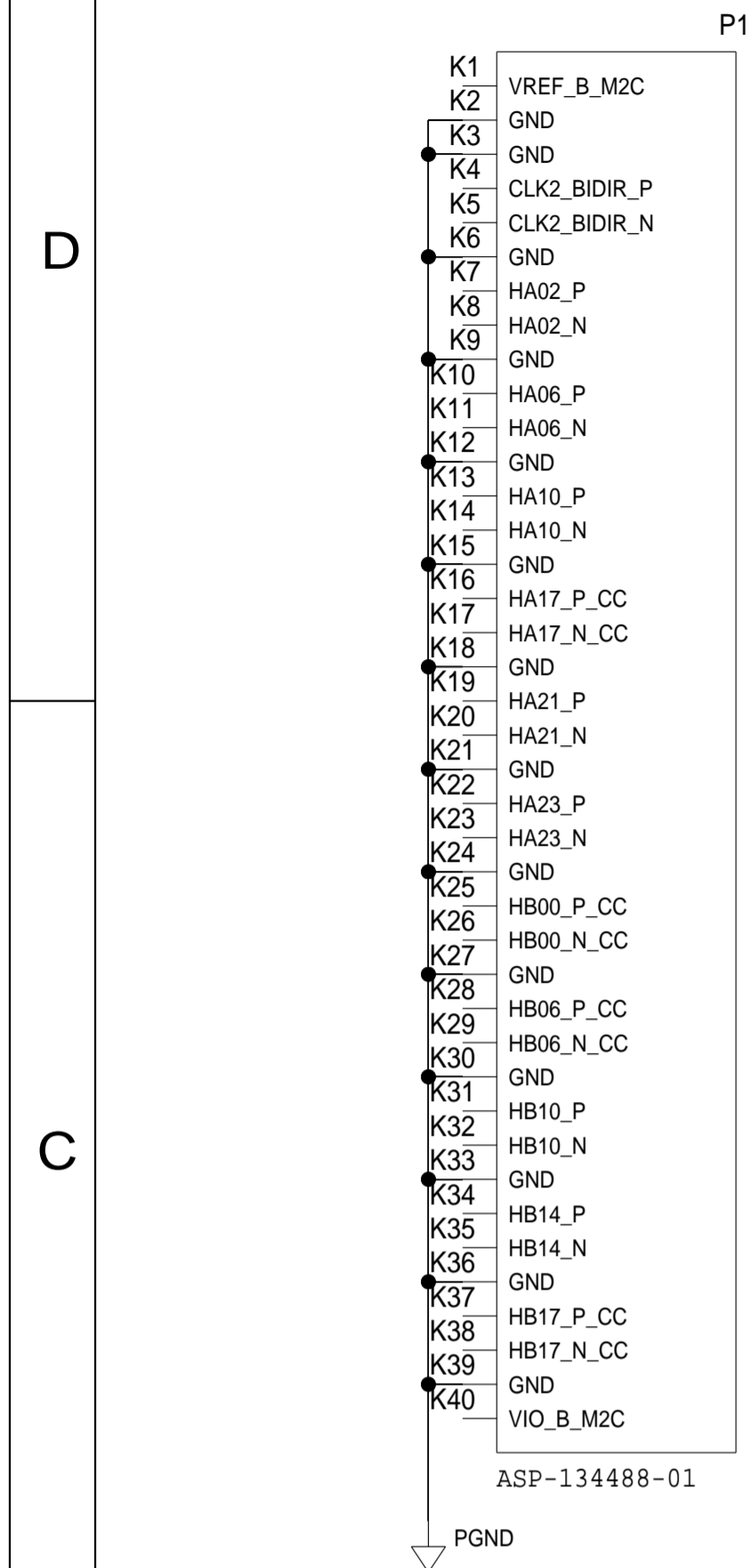


****PLACE APD AS CLOSE TO DUT AS POSSIBLE****

	SCHEMATIC		
	HW TYPE : Customer Evaluation Product(s) : ADA4355 : ADA4355		
	DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_052057	REV D
	PTD ENGINEER Bruce Petipas	SIZE D	SCALE 1:1
		SHEET 6 OF 7	

FMC CONNECTIONS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



	SCHEMATIC		
	HW TYPE : Customer Evaluation Product(s) : ADA4355 : ADA4355		
DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_052057	REV D	
PTD ENGINEER Bruce Petipas	SIZE D	SCALE 1:1	SHEET 7 OF 7