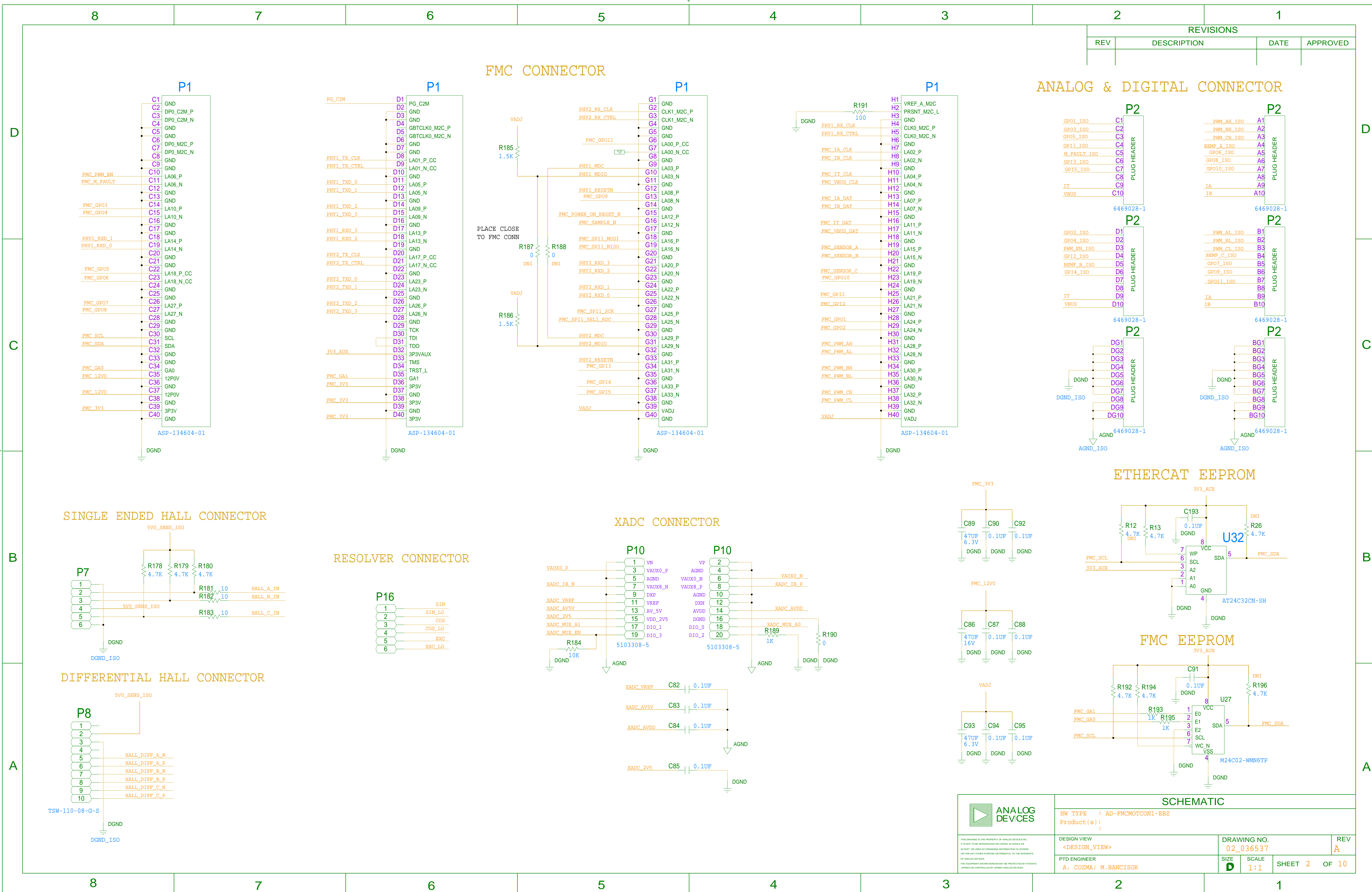
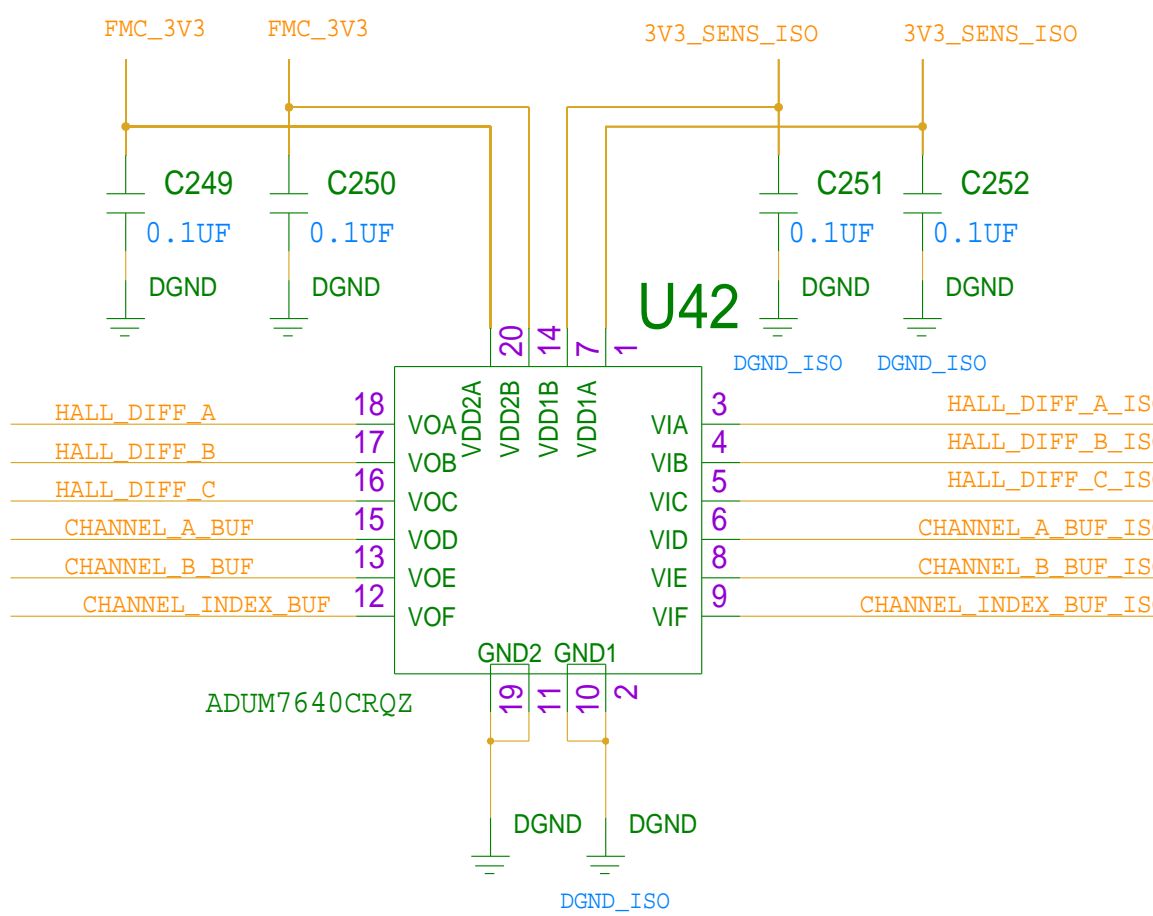
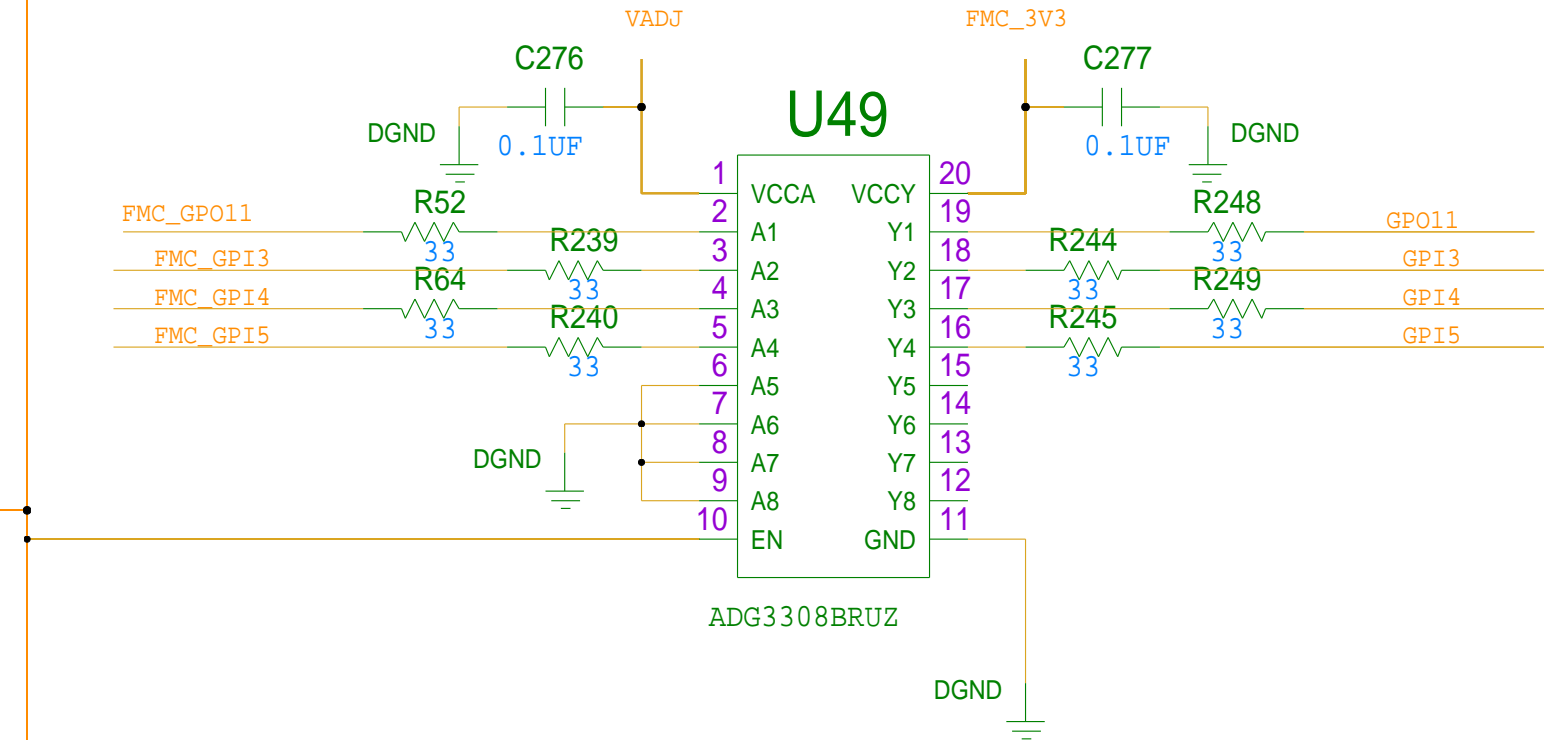
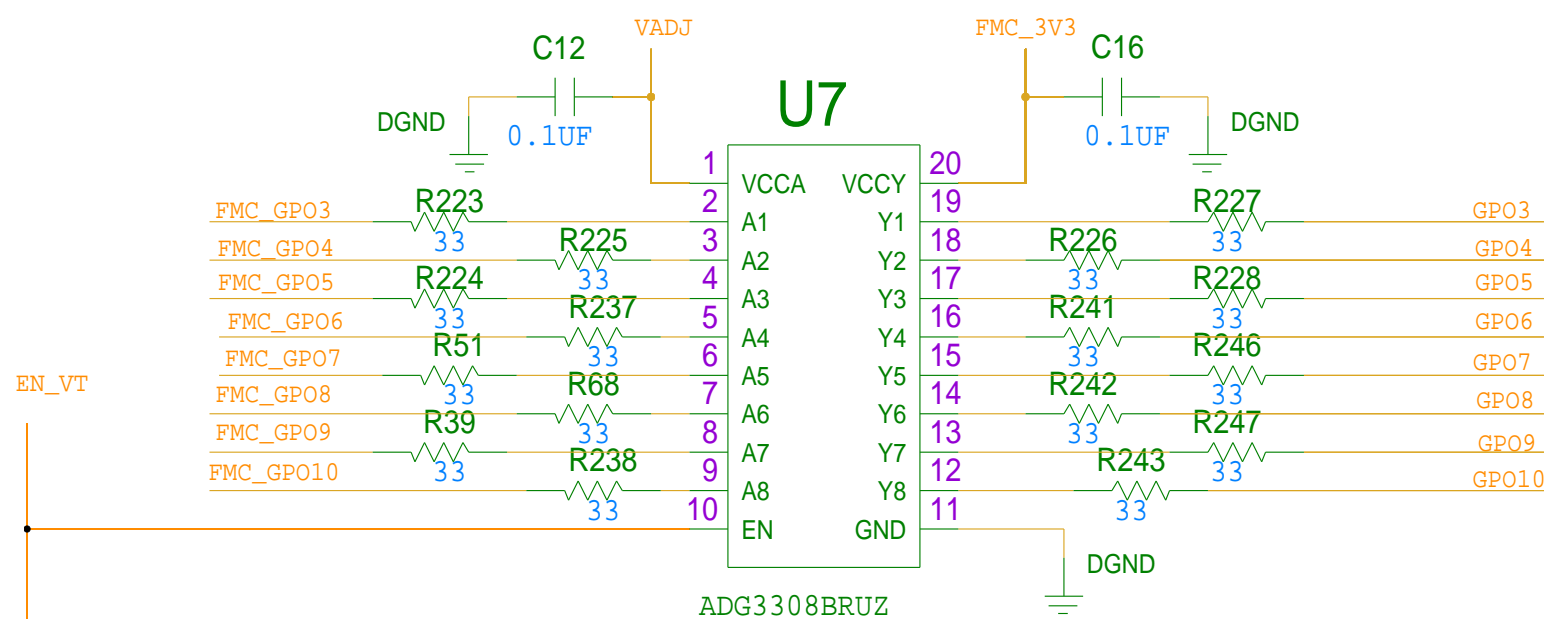
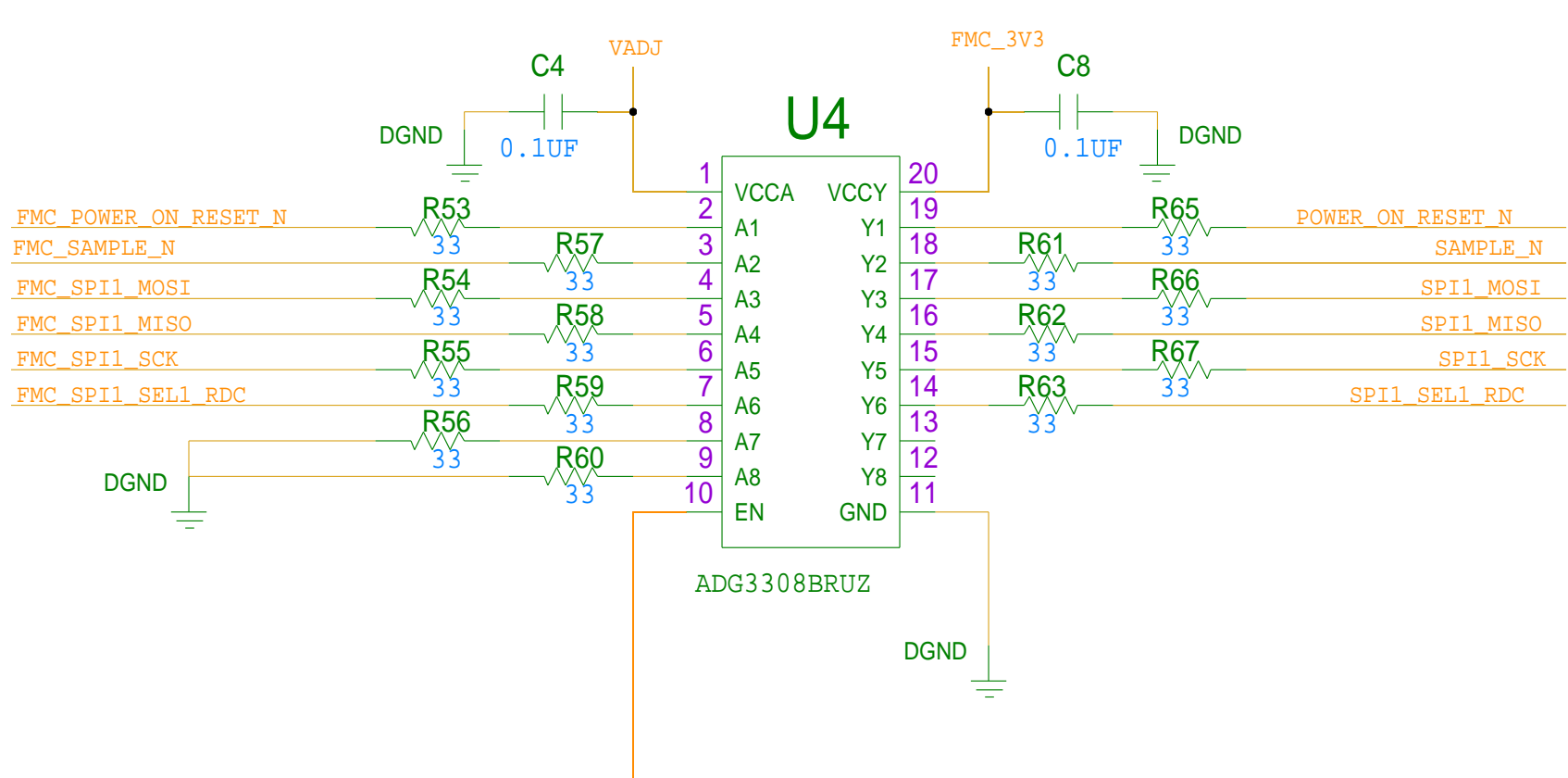
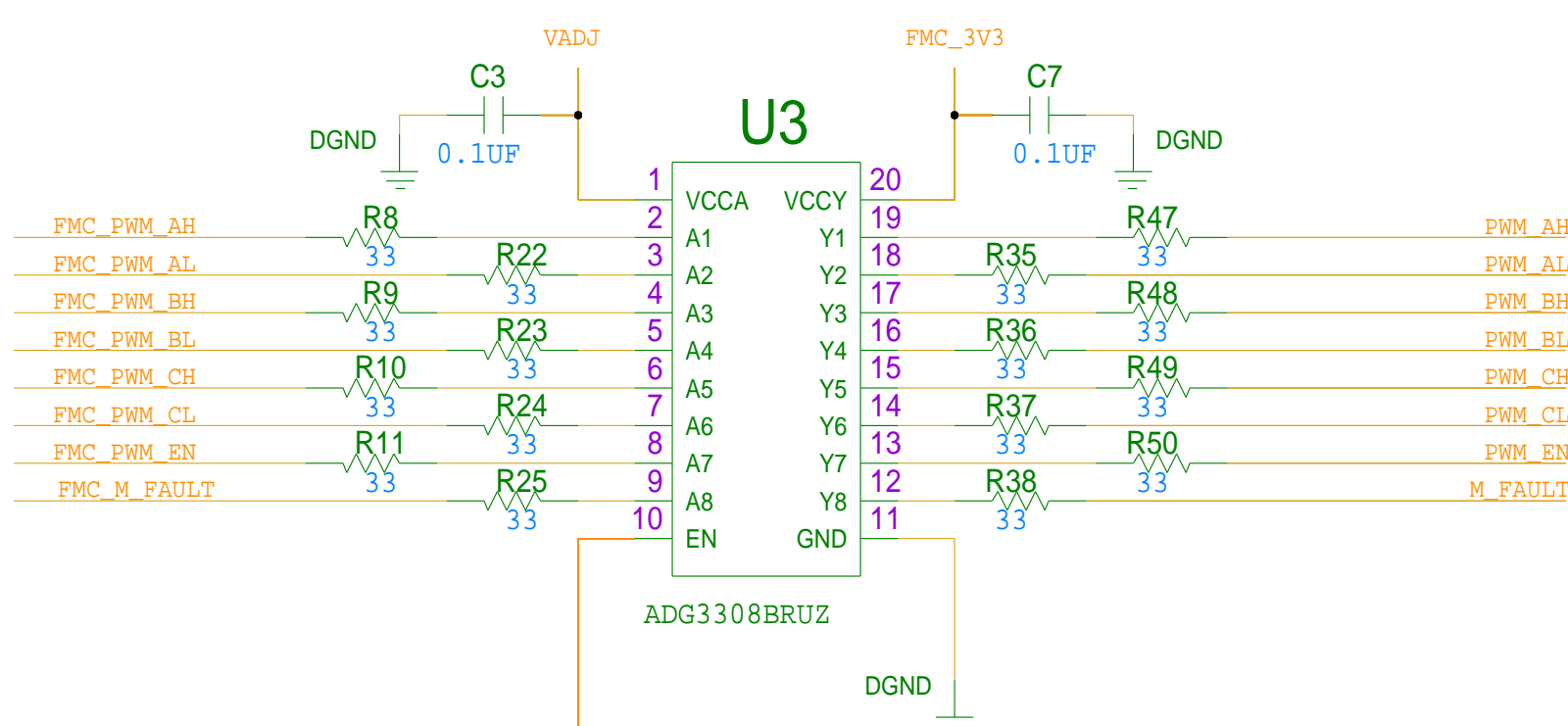
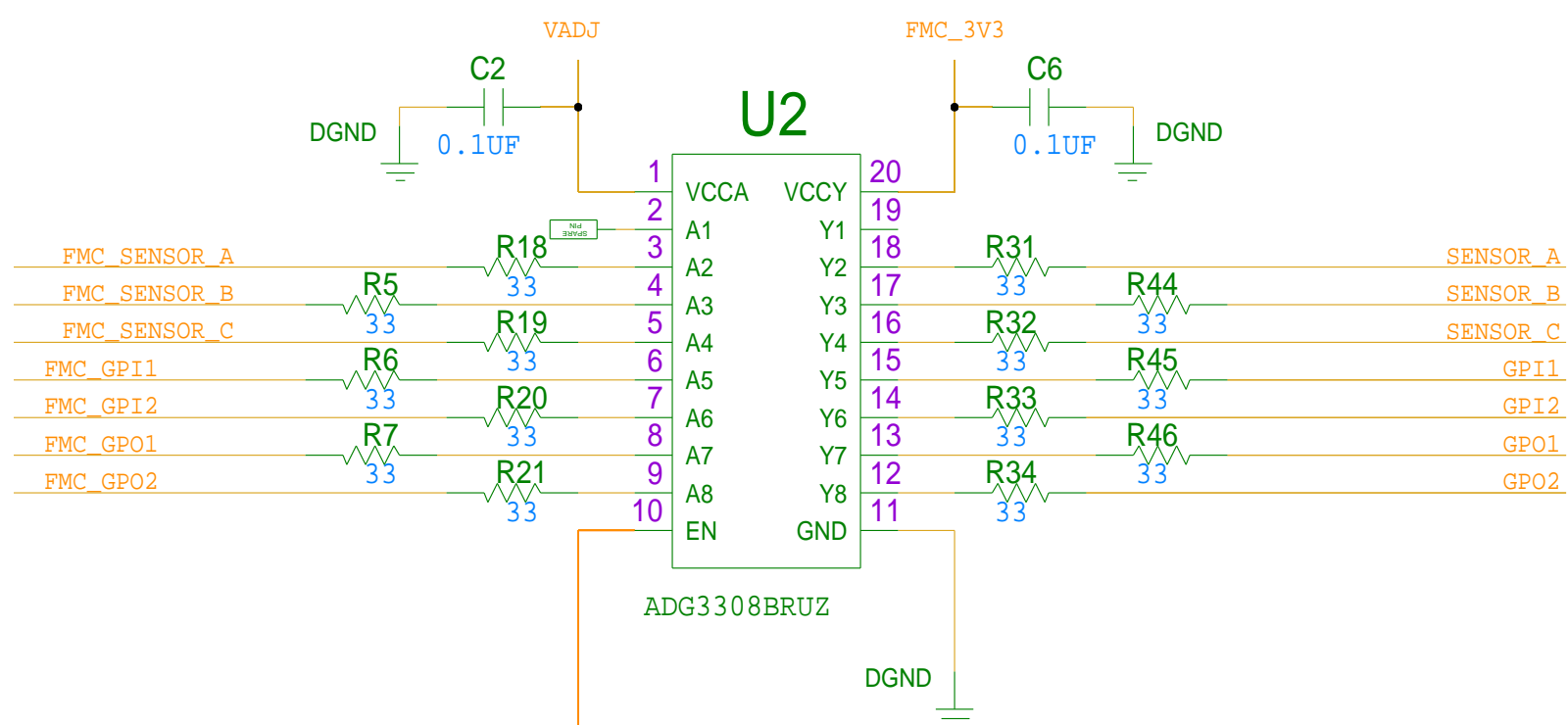
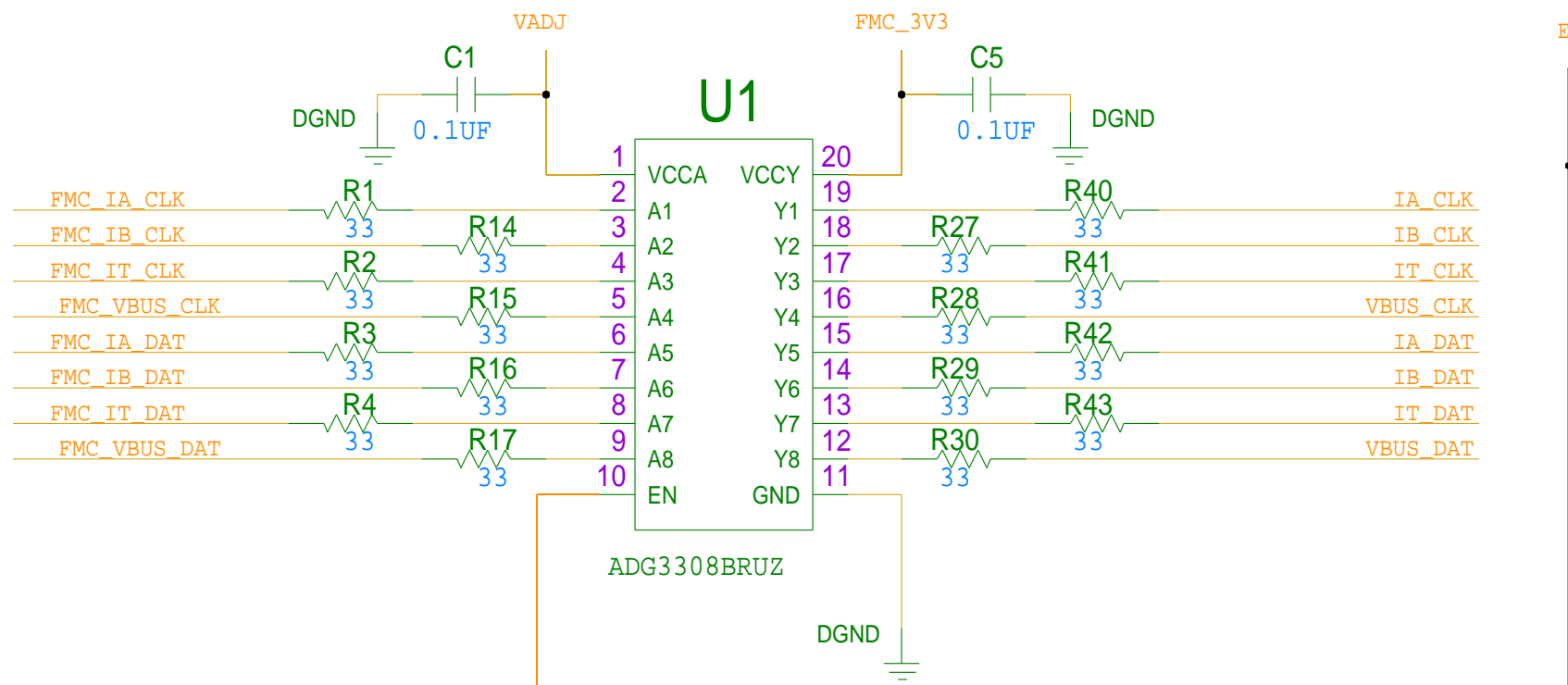


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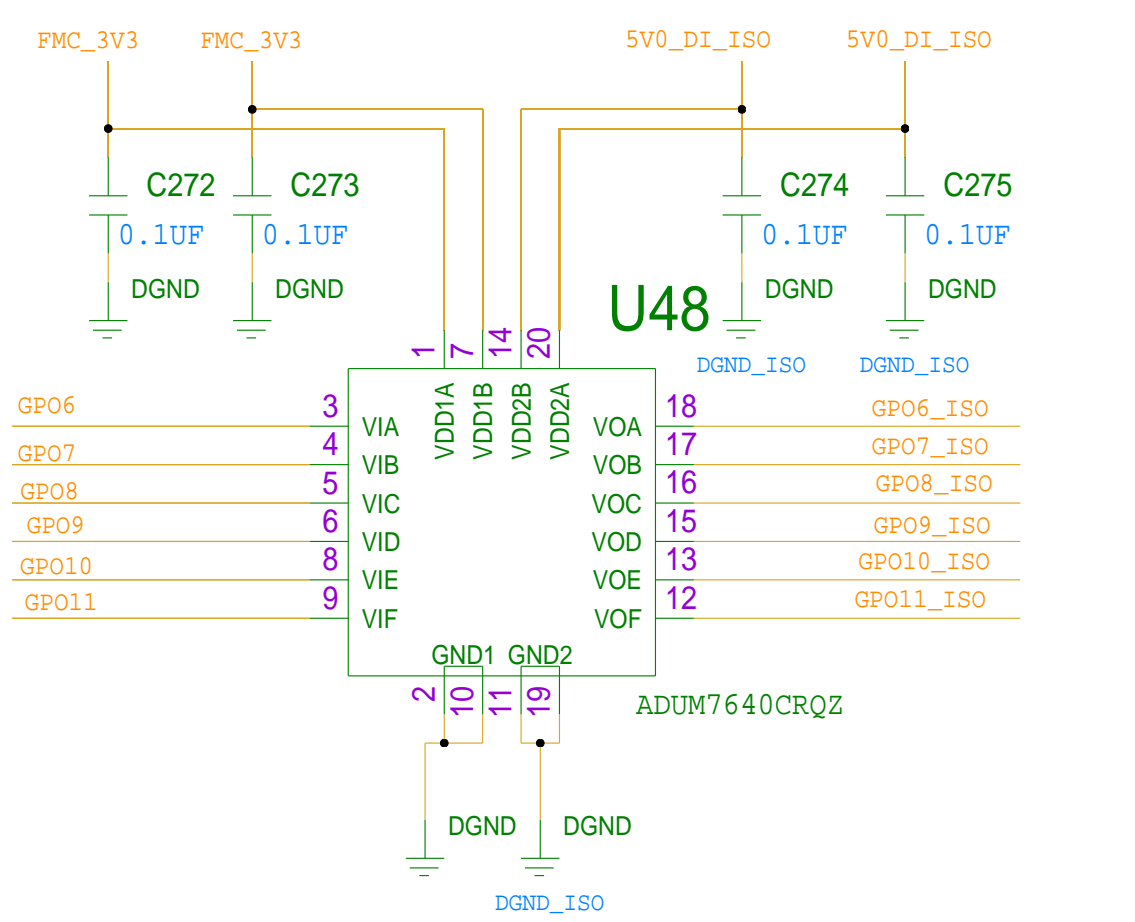
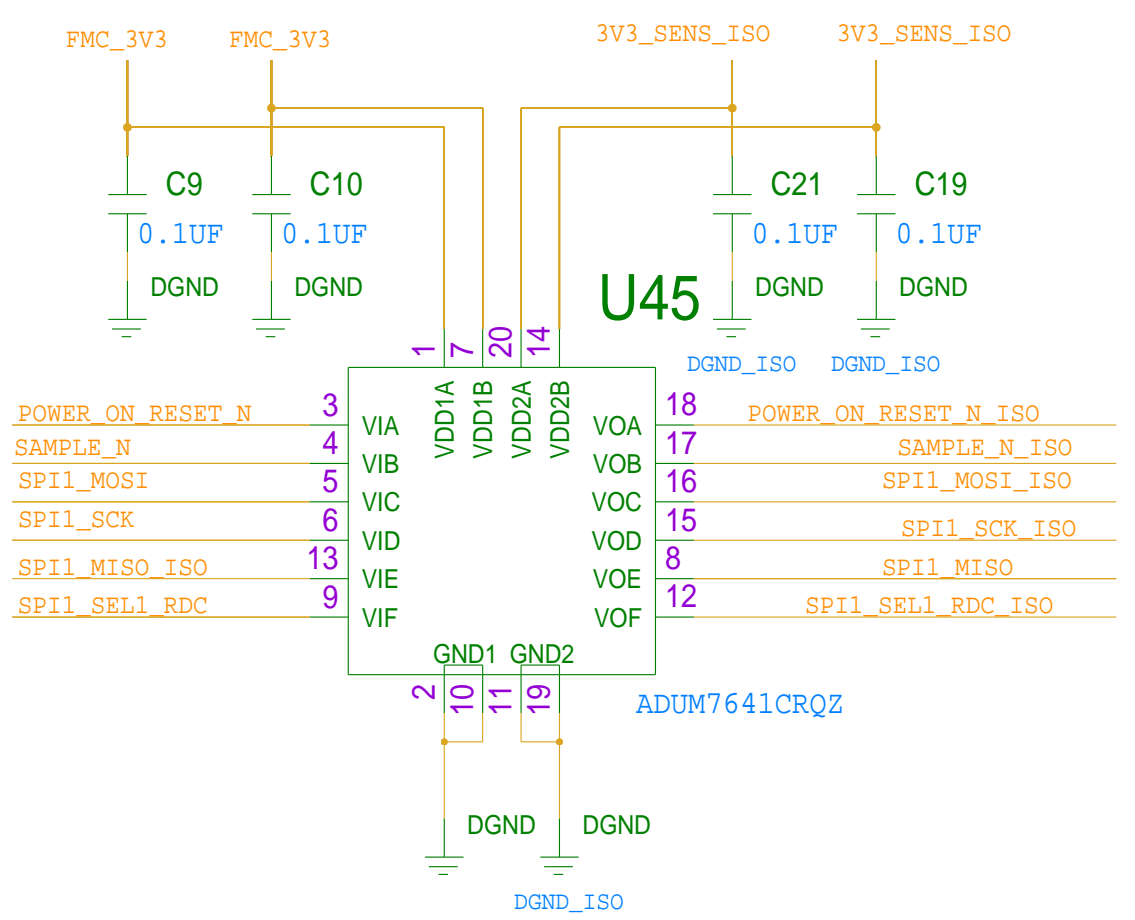
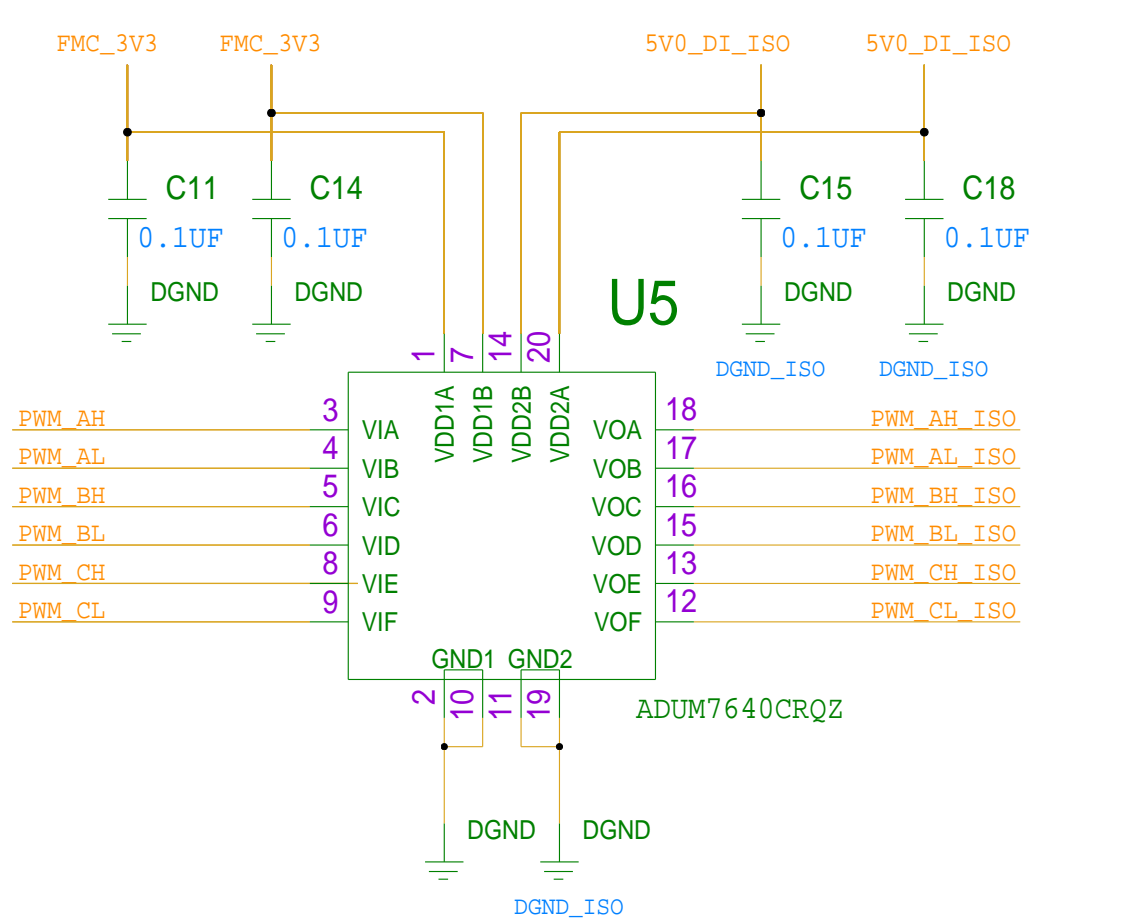
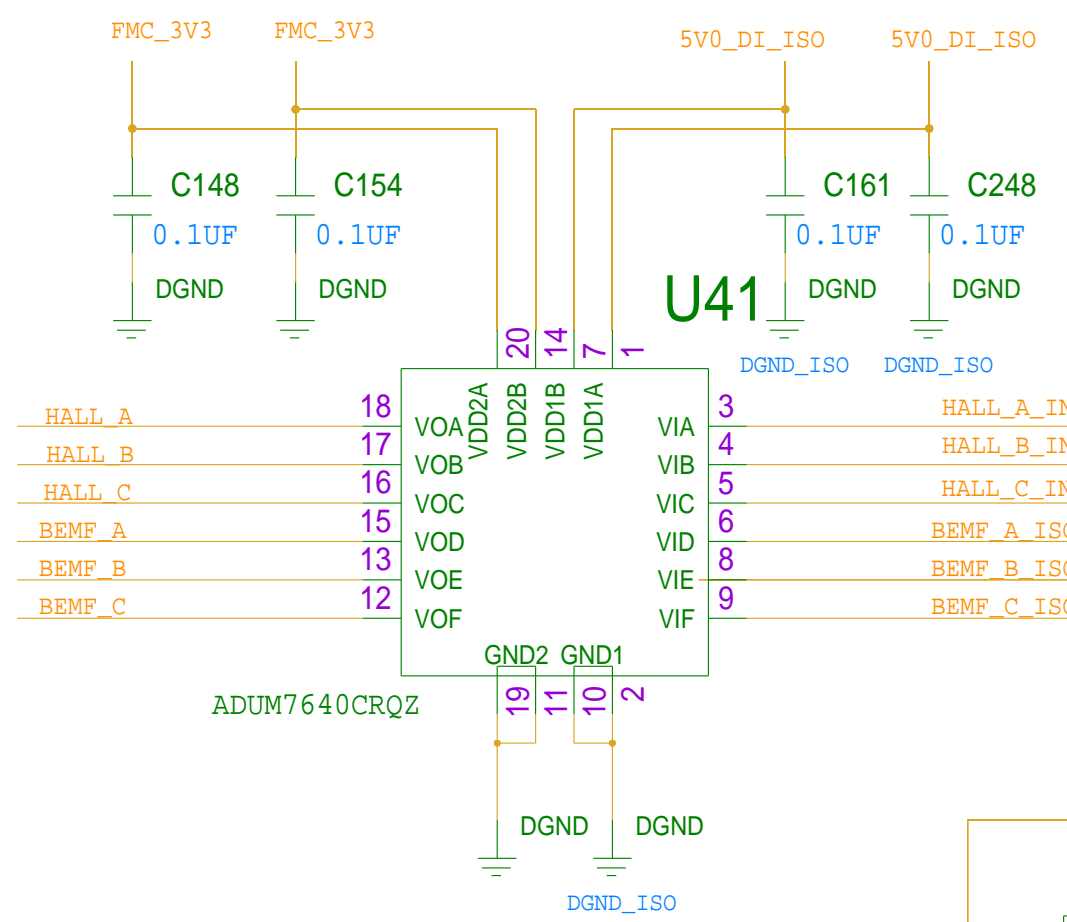
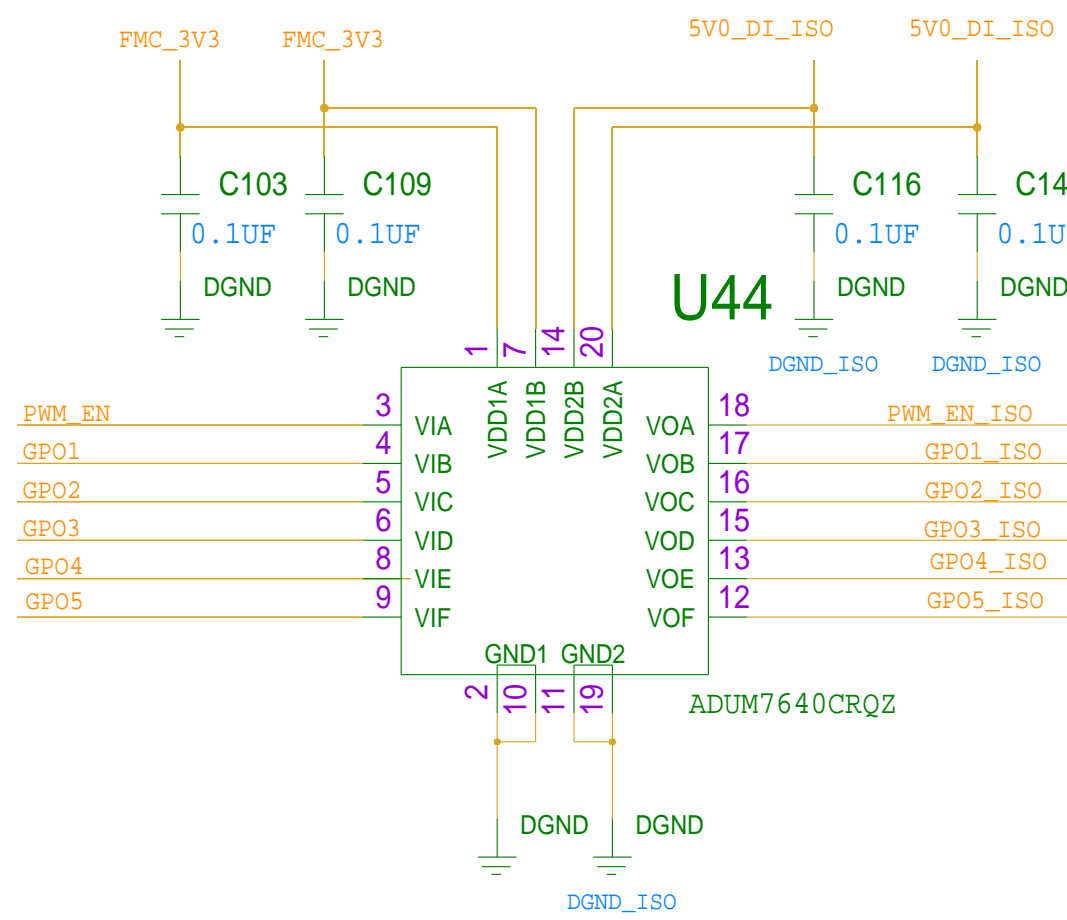
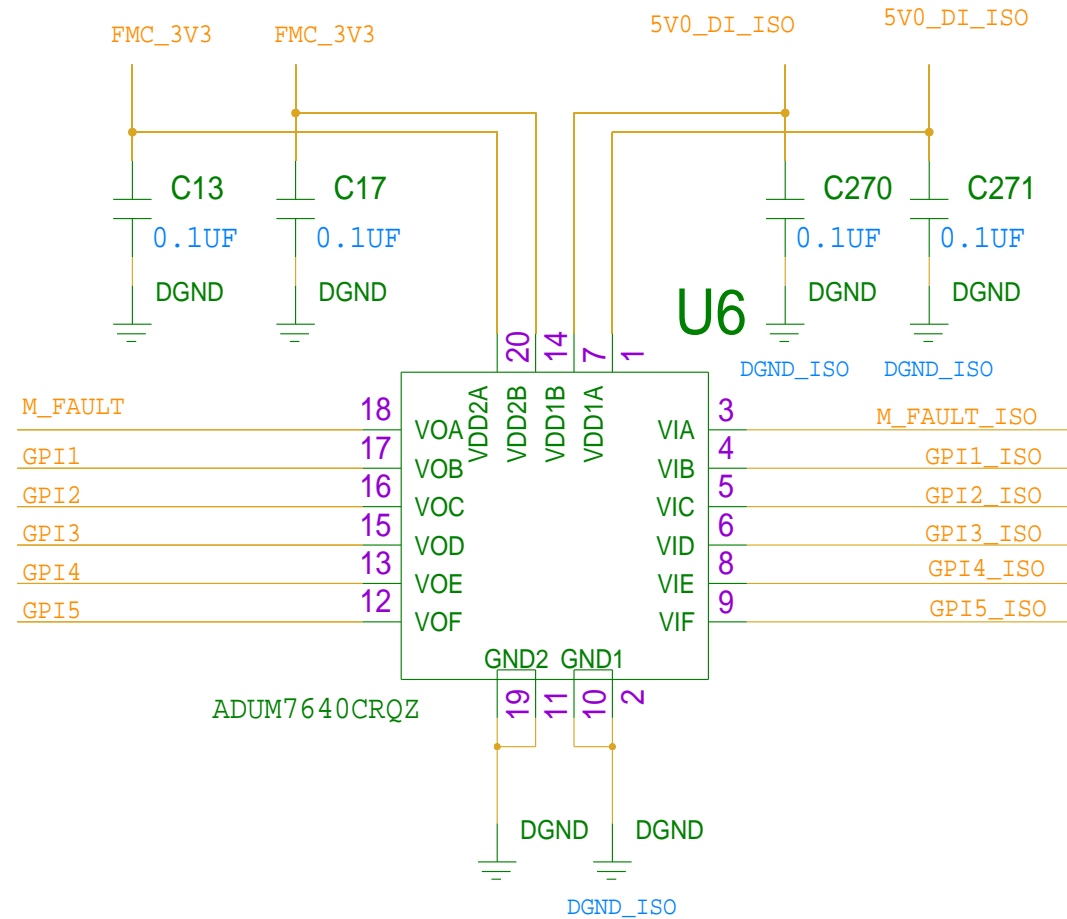




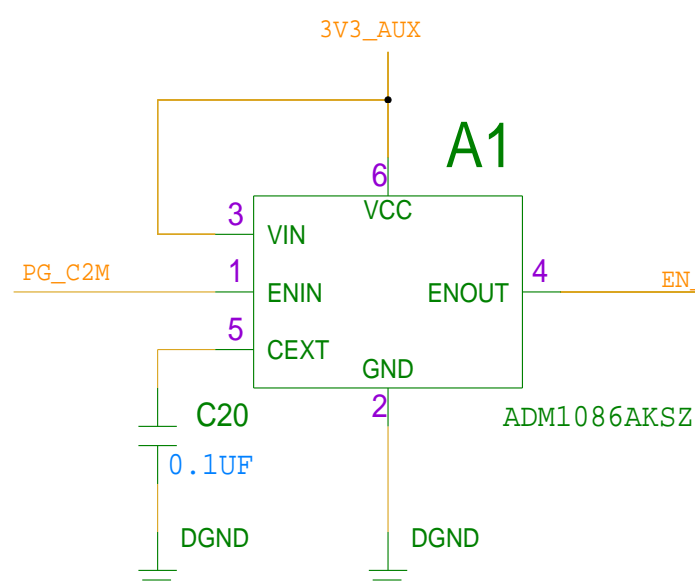
VOLTAGE TRANSLATION



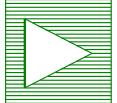
DIGITAL ISOLATORS



VOLTAGE TRANSLATION ENABLE



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



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**SCHMATIC**

HW TYPE : AD-FMCMOTCON1-EBZ

Product (s) :

DESIGN VIEW

<DESIGN\_VIEW>

PTD ENGINEER

A. COZMA; M.BANCISOR

DRAWING NO.

02\_036537

REV

A

SIZE

D

SCALE

1:1

SHEET

3

OF

10

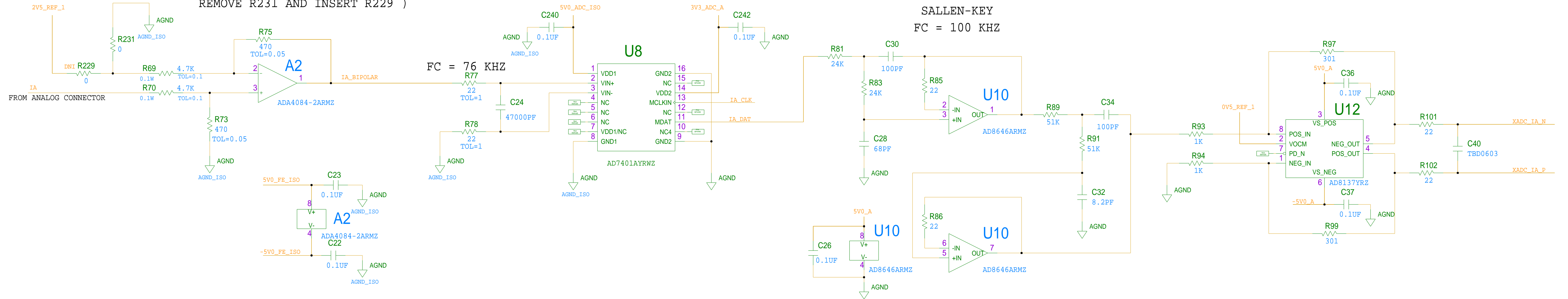
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

## SIGNAL CONDITIONING

```

    GAIN 0.1
-2.5V ~ 2.5V => -0.25V ~ +0.25V
( FOR 0V ~ 5V => -0.25V ~ +0.25V
  REMOVE R231 AND INSERT R229 )

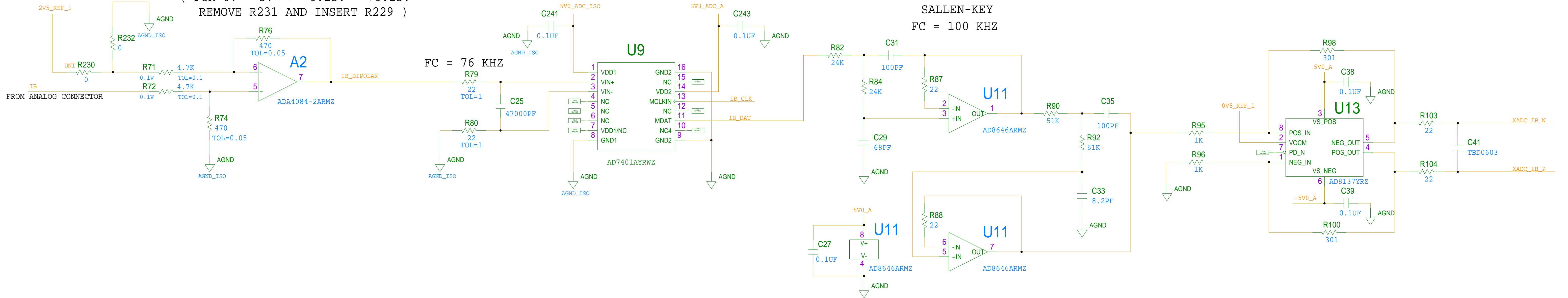
```




```

                GAIN 0.1
-2.5V ~ 2.5V => -0.25V ~ +0.25V
(  FOR 0V ~ 5V => -0.25V ~ +0.25V
    REMOVE R231 AND INSERT R229 )

```



 <b>ANALOG DEVICES</b>	<h1 style="margin: 0;">SCHEMATIC</h1>				
	<p>HW TYPE : AD-FMCMOTCON1-EBZ</p> <p>Product (s) : :</p>				
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	<b>PTD ENGINEER</b>  <b>A. COZMA / M. BANCISOR</b>		<b>SIZE</b>  <b>D</b>	<b>SCALE</b>  <b>1:1</b>	<b>SHEET 4 OF 10</b>







## CONFIGURATION MODE SETTINGS

A0	A1	MODE
0	0	NORMAL MODE - POSITION INPUT
0	1	NORMAL MODE - VELOCITY INPUT
1	0	RESERVED
1	1	CONFIGURATION MODE

## SENSOR SELECTION

A1	A0	MODE
0	0	BACK EMF
0	1	SINGLE ENDED HALL
1	0	DIFFERENTIAL HALL
1	1	RESERVED

## REVISIONS

REV	DESCRIPTION	DATE	APPROVED

## SCHEMATIC

```
HW TYPE      : AD-FMCMOTCON1-EBZ
Product(s)  :
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DESIGN VIEW <DESIGN_VIEW>	DRAWING NO. 02_036537		REV A
PTD ENGINEER A. COZMA; M.BANCISOR	SIZE D	SCALE 1:1	SHEET 6 OF 10





