

6

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HDMI Port A - Connector and ESD Suppression

HPD A

SHORTS HPA_A TO GND WHEN BOARD POWERED DOWN

INSERT THIS ONLY WHEN NO EXT. EDID

HPD A LED

EXT EDID1

INSERT ONLY ONE: U5 OR (Q3+Q2+R46)

DDC A Circuitry

DDC lines should be as short as possible to DUT
The 0 ohm resistors on these lines should be placed to minimise track length.

CEC To 168-Pin Connector

OPTION:

R46
Q3
Q2

U5

EXTERNAL EDID

-

INSERT

NO EXTERNAL EDID

INSERT

-

COMPANY: Analog Devices

TITLE: ATV Group
ADV7611
HDMI Connector Sheet 1

CODE:SIZE:DRAWING NO:REV:

0

SCALE: SHEET: 3

DRAWN: DATED:

CHECKED: DATED:

QUALITY CONTROL: DATED:

RELEASED: DATED:

6

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4

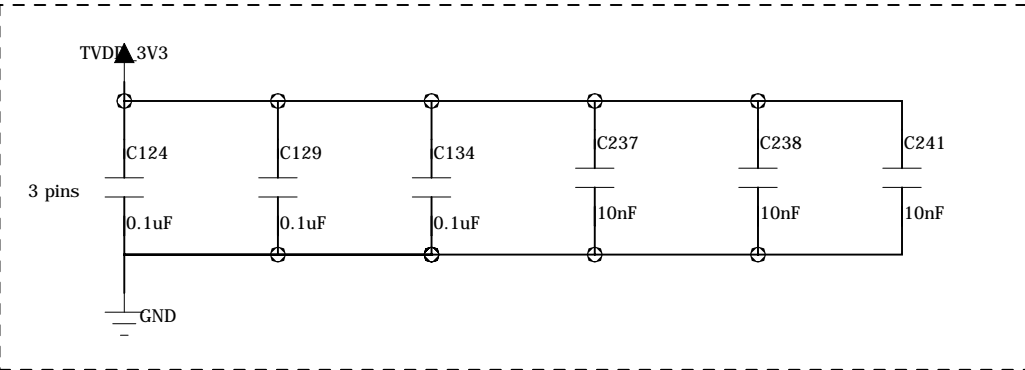
3

2

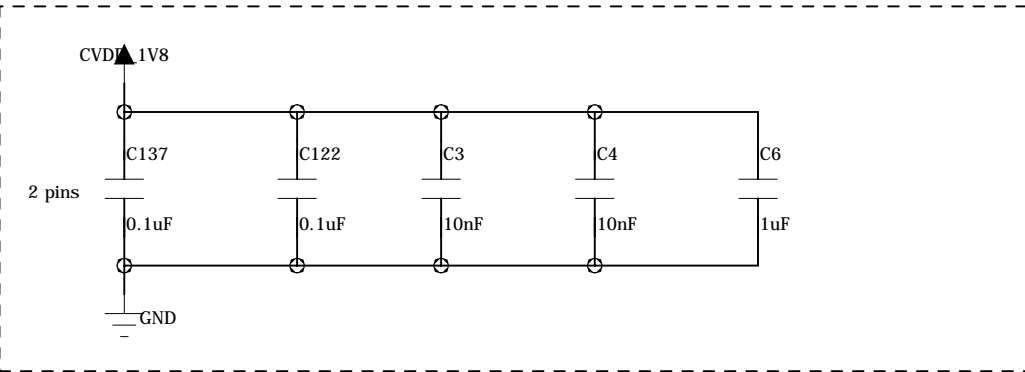
1

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

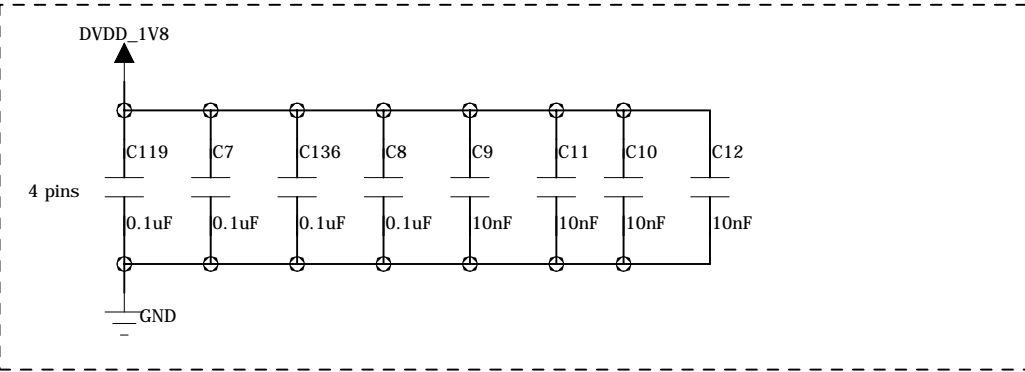
TVDD Decoupling



CVDD Decoupling



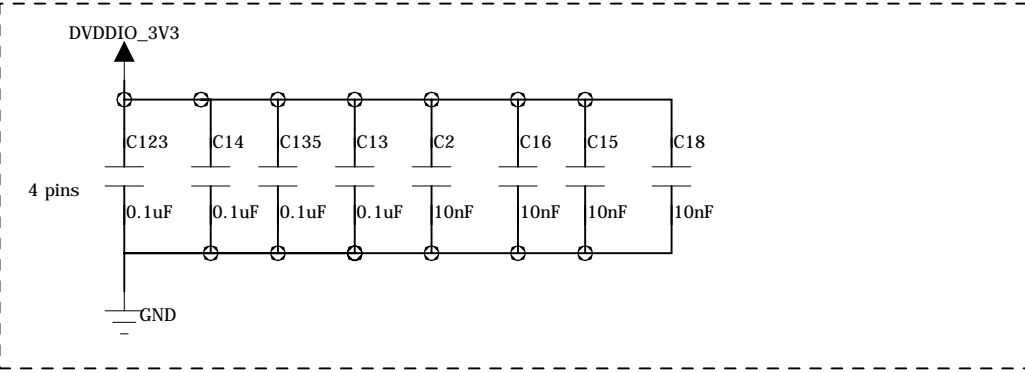
DVDD Decoupling



PVDD Decoupling

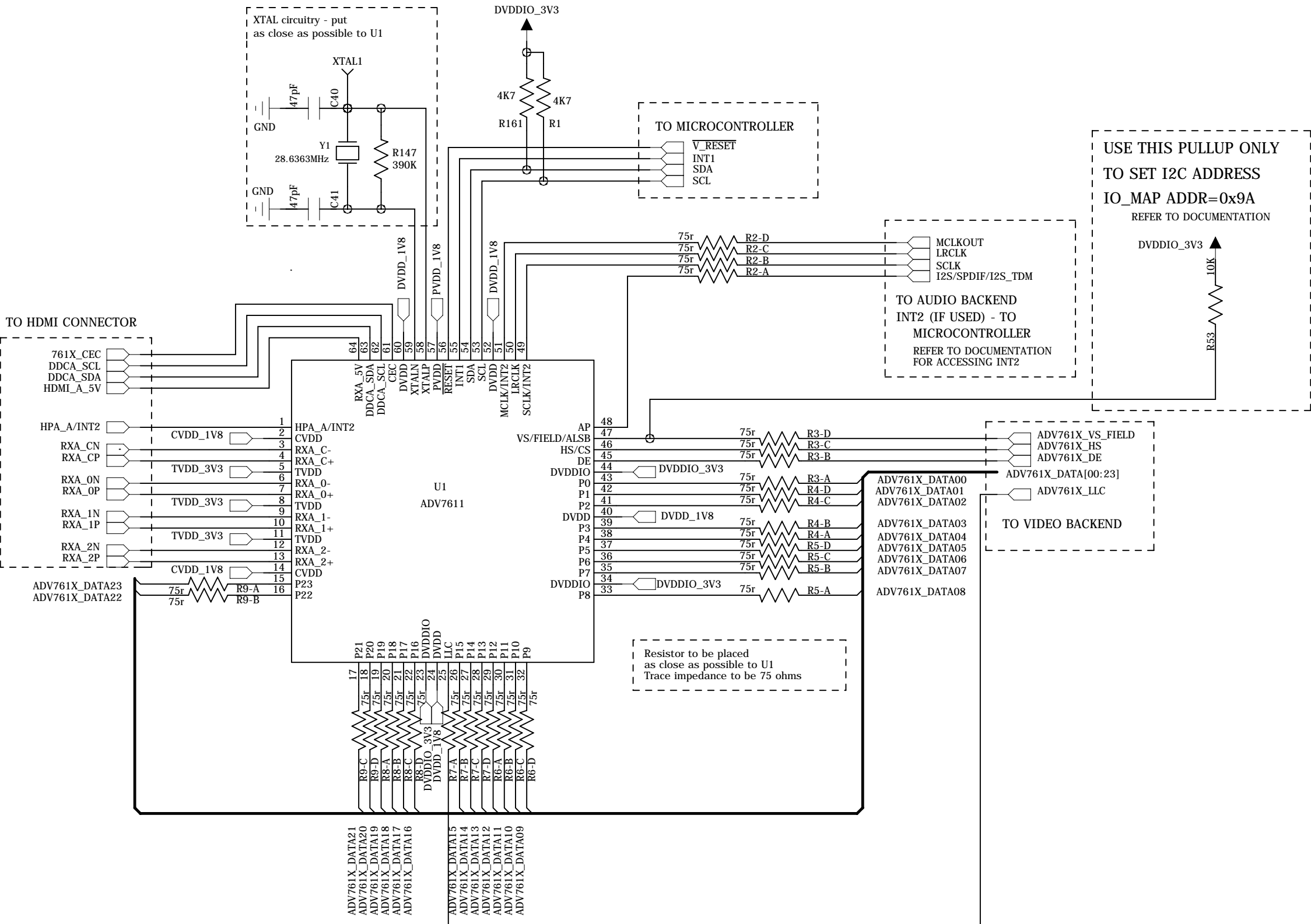


DVDDIO Decoupling



COMPANY: Analog Devices			
TITLE: ATV Group ADV7611 ADV761X Sheet			
CODE:	SIZE:	DRAWING NO:	REV:
SCALE:			SHEET: 2 OF 3

DRAWN:	DATED:
CHECKED:	DATED:
QUALITY CONTROL:	DATED:
RELEASED:	DATED:



COMPANY:

Analog Devices

TITLE:

ATV Group

ADV7611

ADV761X Sheet

CODE:

SIZE:

DRAWING NO:

REV:

SCALE:

SHEET: 2 OF 3

6

5

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3

2

1

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

D

D

C

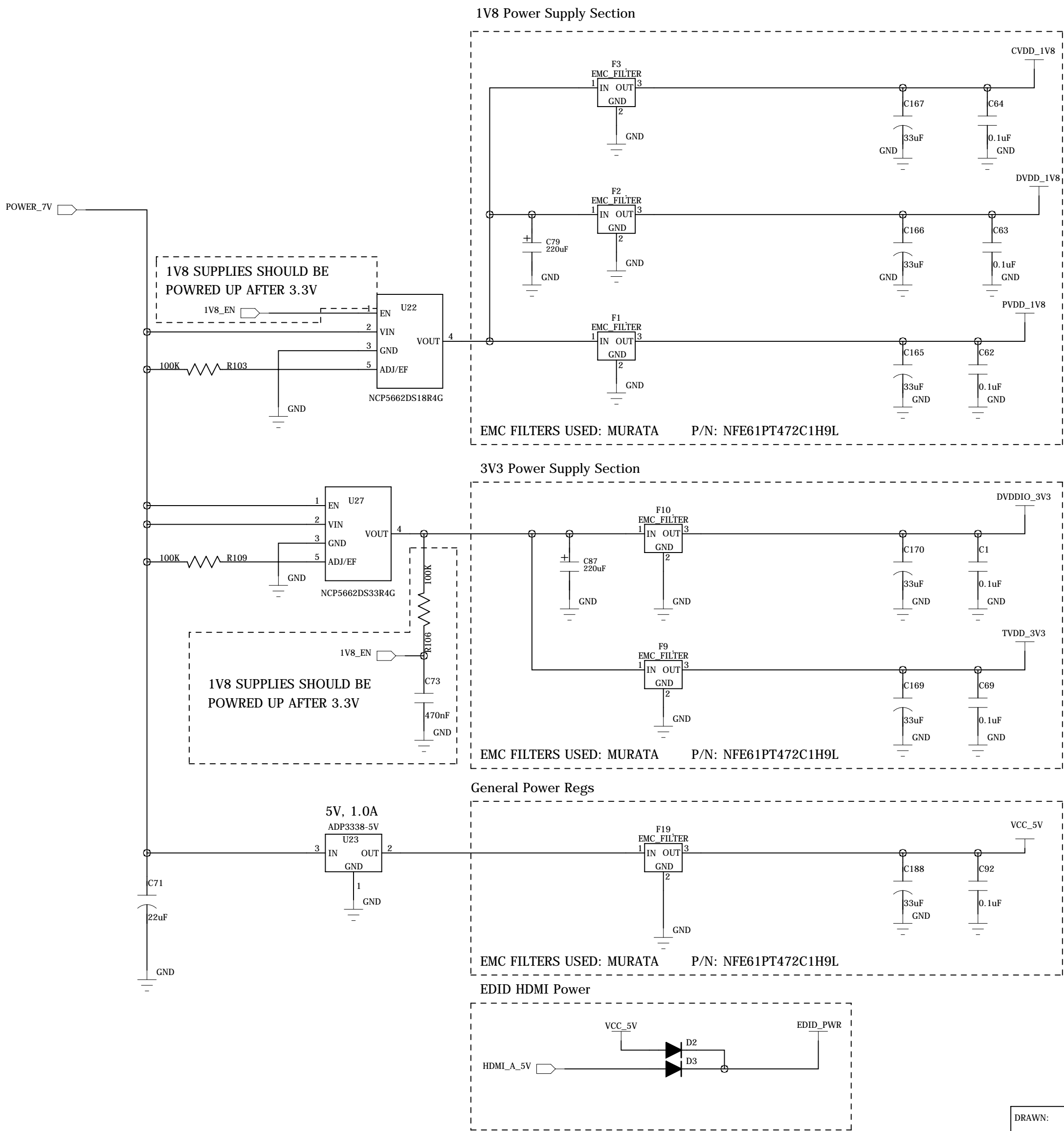
C

B

B

A

A



COMPANY: Analog Devices			
TITLE: ATV Group			
ADV7611			
Board Power Supply Sheet			
CODE:	SIZE:	DRAWING NO:	REV: 0
SCALE:		SHEET: 3 OF 3	

DRAWN:	DATED:
CHECKED:	DATED:
QUALITY CONTROL:	DATED:
RELEASED:	DATED: