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REVISIONS

[illegible]

CCA, ZEPTO-EAGLE, P2

CONTRACT NO.

DRAWN BY	DRAWN_BY
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ENGINEER

PROJECT ENGINEER

QUALITY ASSURANCE

CONFIGURATION

DESIGN ACTIVITY APPROVAL

DESIGN APPROVAL

	QUALCOMM TECHNOLOGIES, INC.
DATE	5775 MOREHOUSE DRIVE
	SAN DIEGO, CA 92121 U.S.A.

TITLE

SCHEMATIC,
CCA, ZEPTO-EAGLE, P2

SIZE

D

DRAWING NO

LD20-H9550

REV

A

SCALE
NONE

RELEASE DATE

SHEET 1 OF 27



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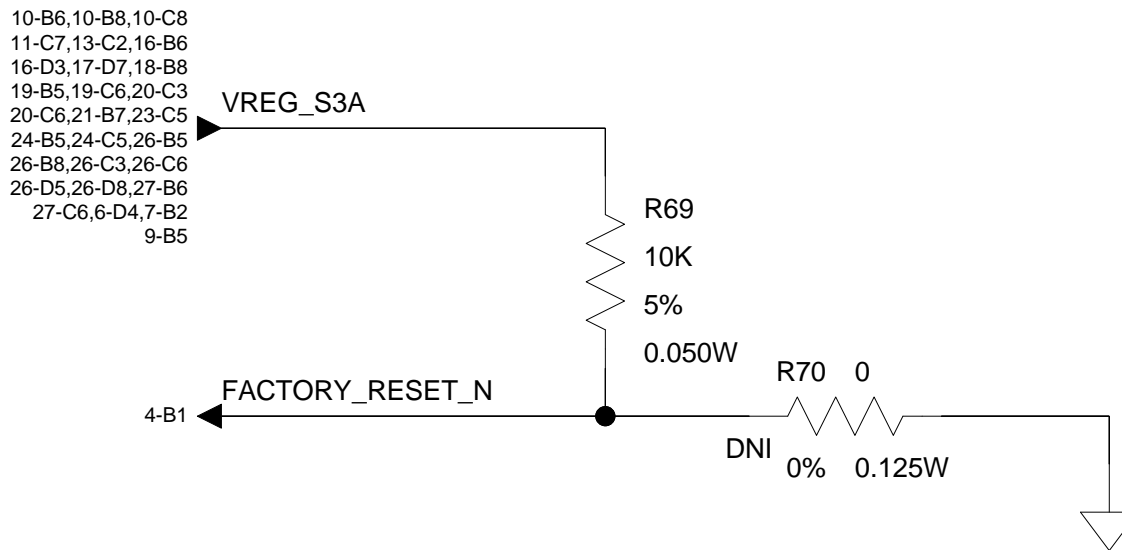
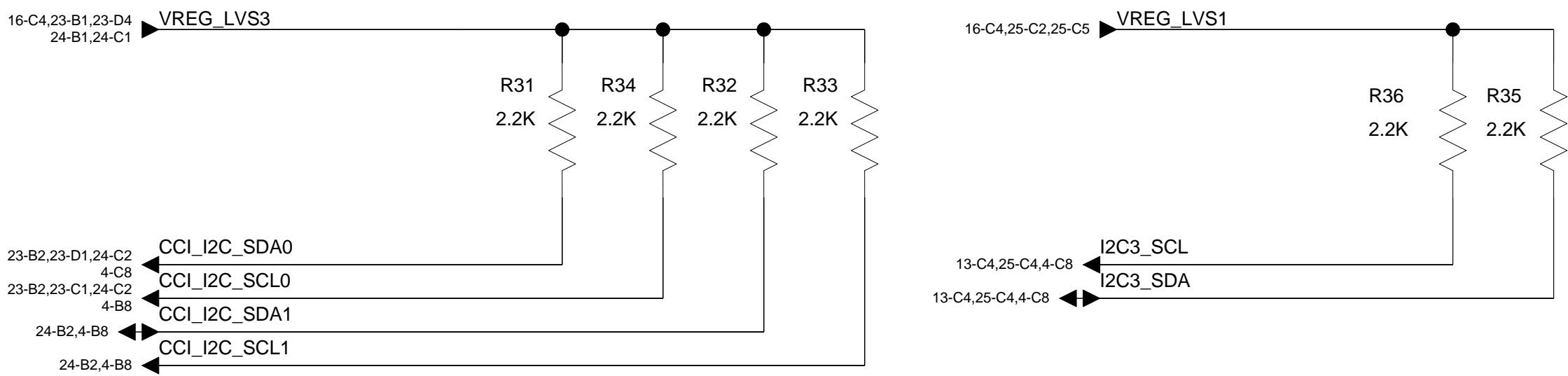
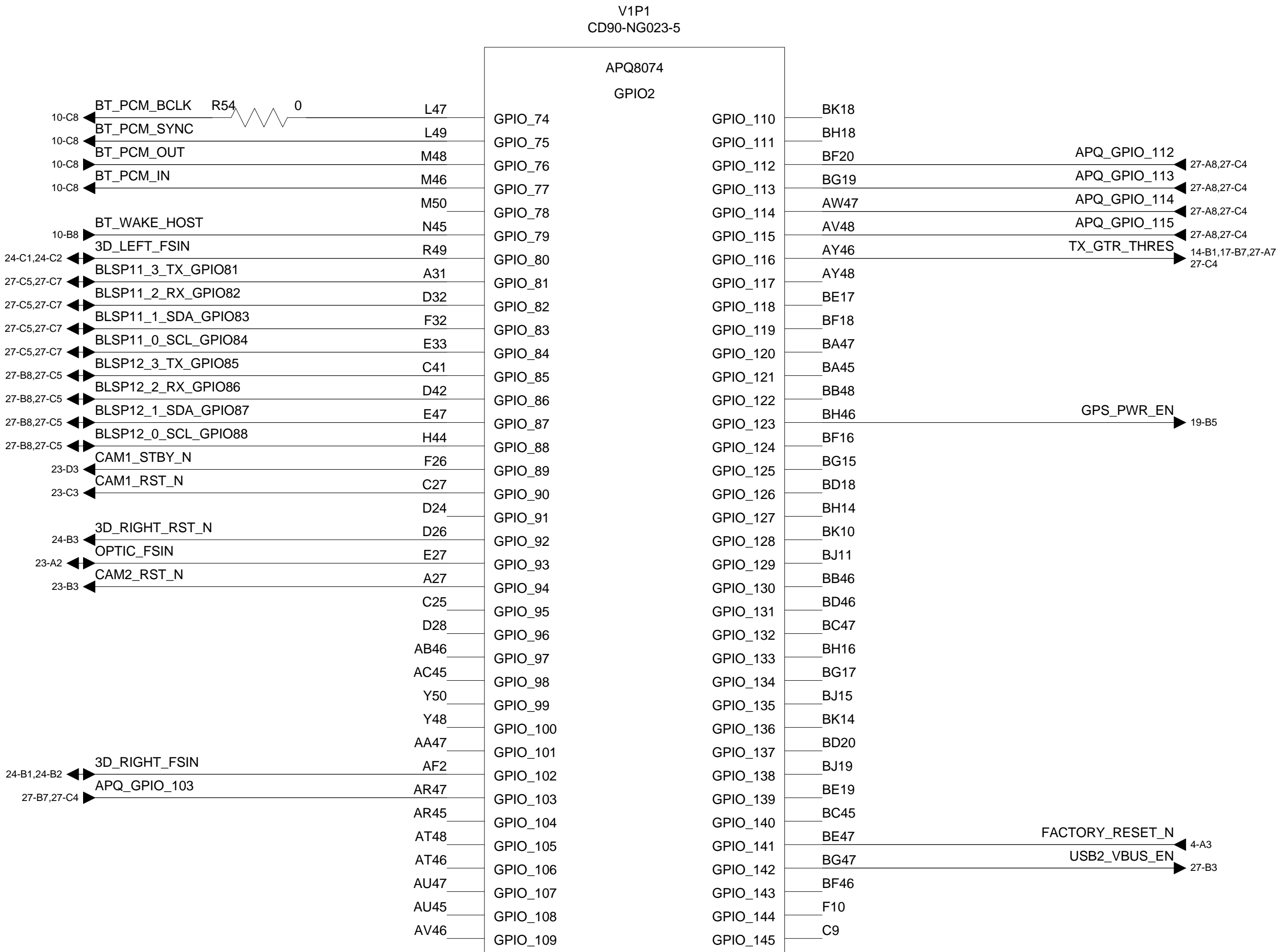
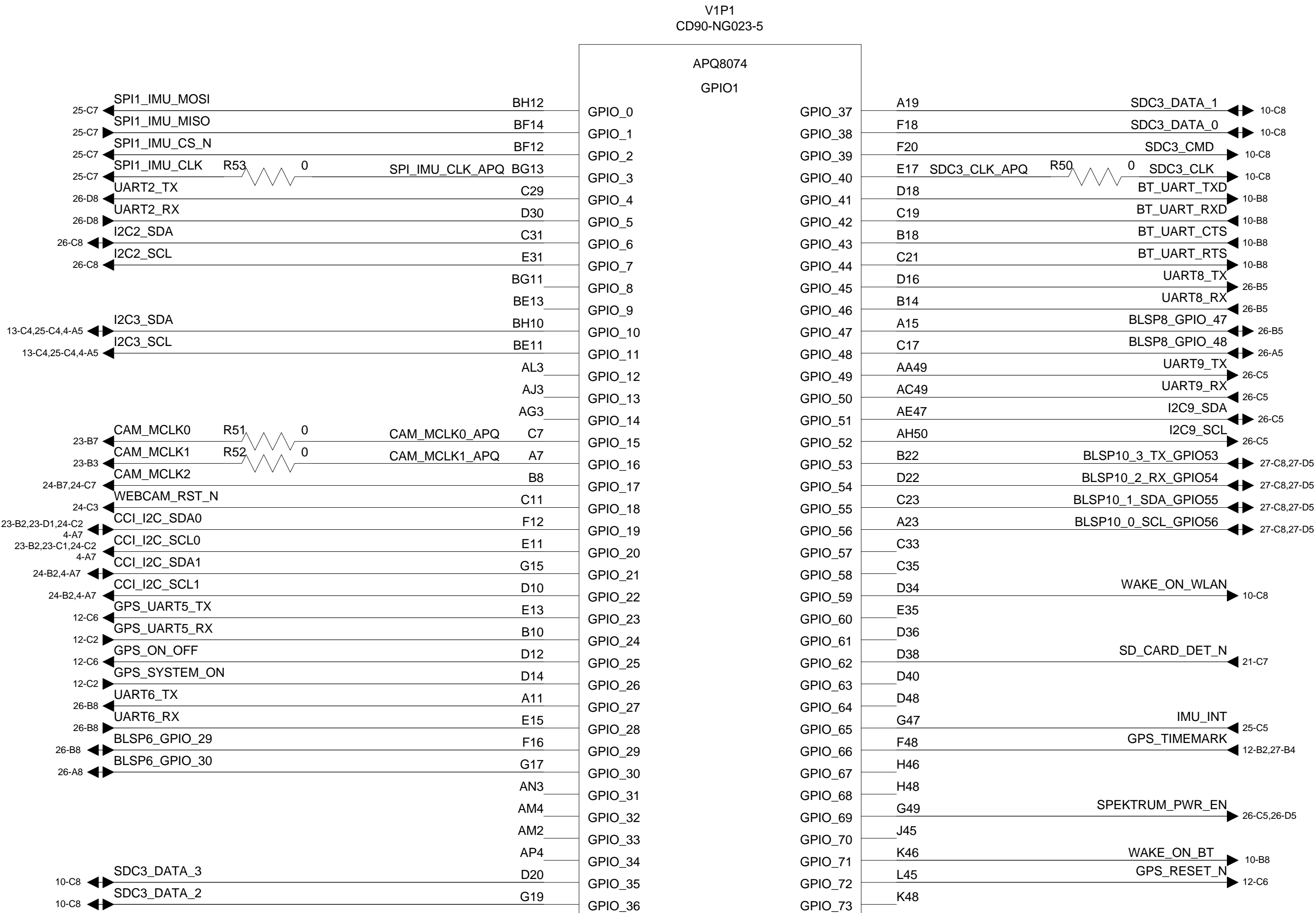
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SIZE		DRAWING NO				REV	
D		LD20-H9550				A	
SCALE		NONE		SHEET		3 OF 27	

APQ8074: CONTROL

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE		



APQ8074: GPIO

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

TITLE			
CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO	REV	
D	LD20-H9550	A	
SCALE		SHEET	OF
NONE		4	27

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE		

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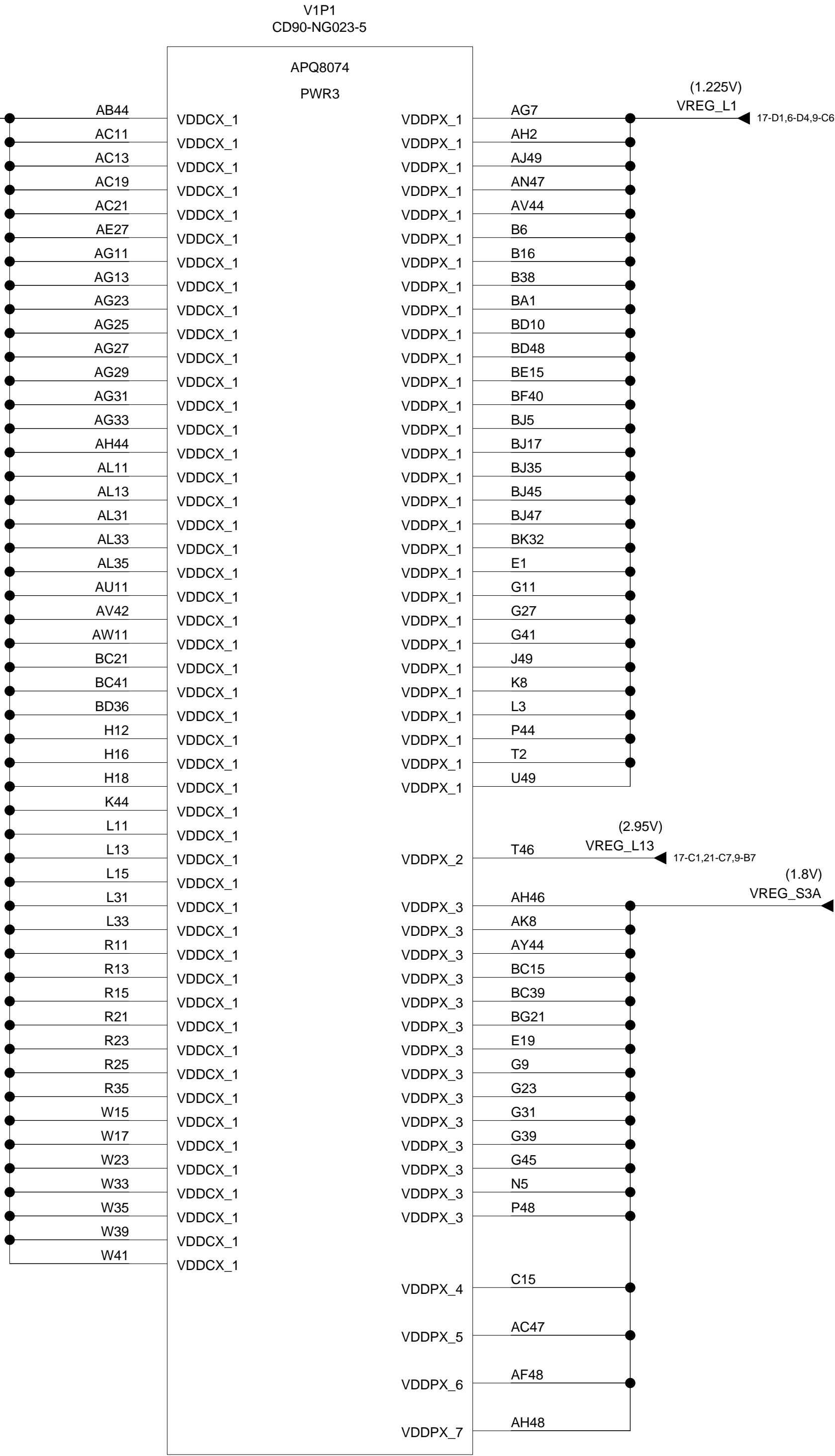
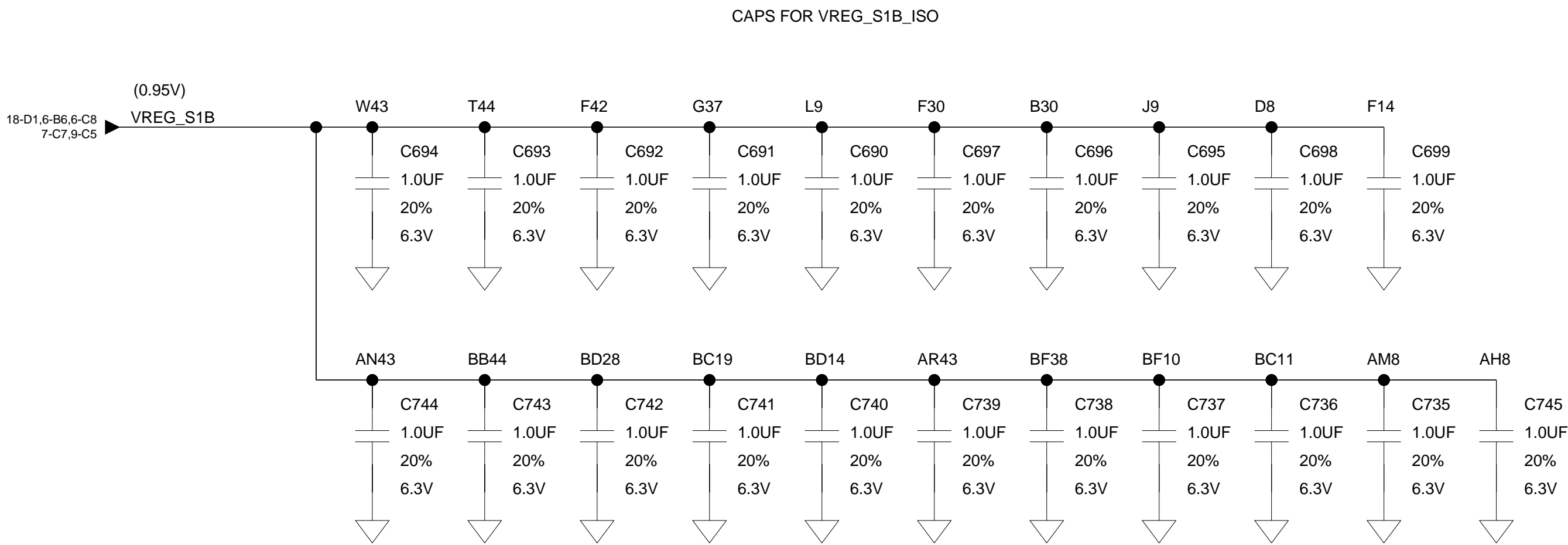
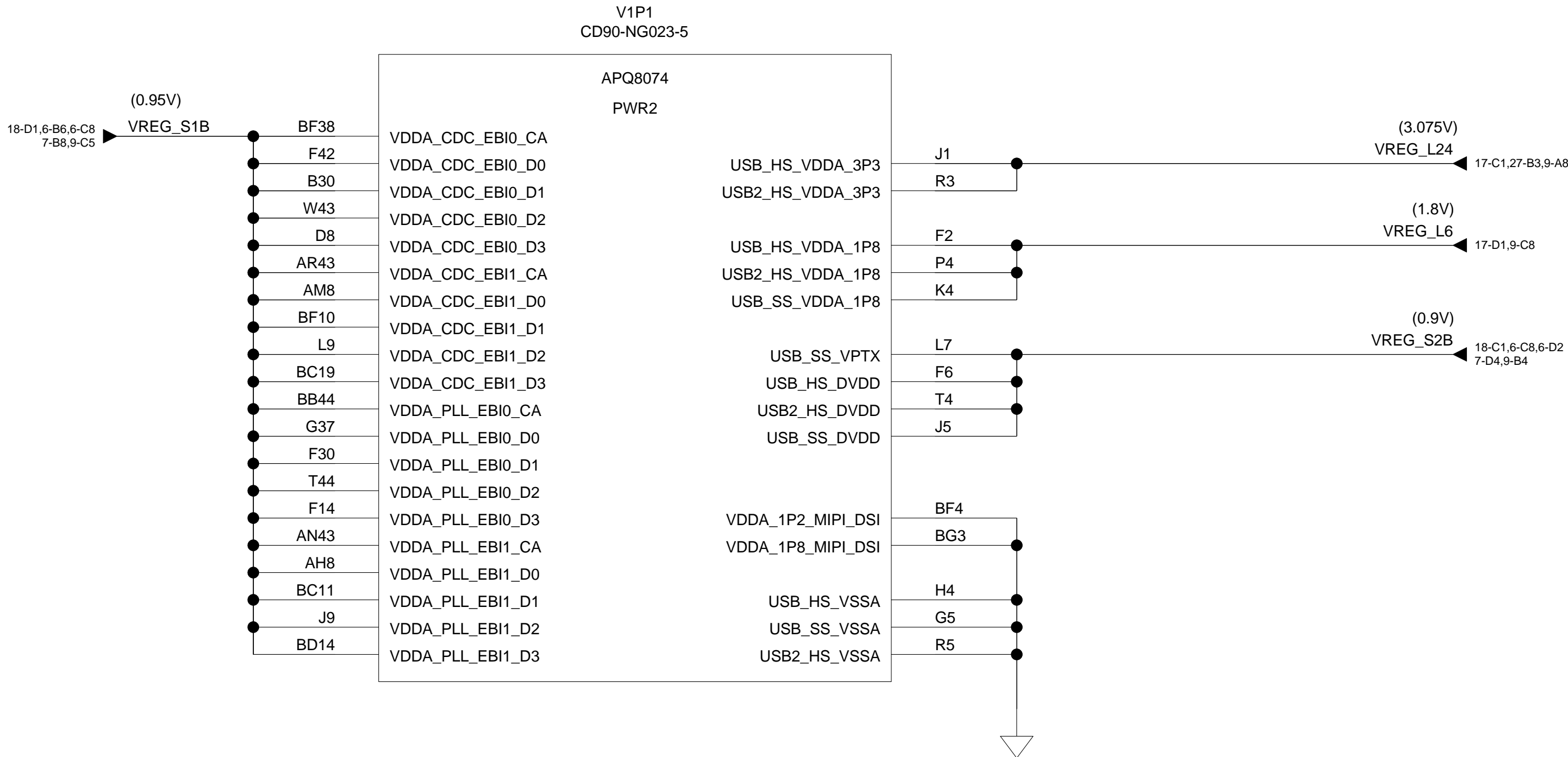
APQ8074: POWER

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

TITLE			
CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO		REV
D	LD20-H9550		A
SCALE		SHEET	OF
NONE		6	27

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APQ8074: POWER CONT

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

TITLE			
CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO	REV	
D	LD20-H9550	A	
SCALE		SHEET	OF
NONE		7	27

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE		

ADDED GROUND FOR THERMAL

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APQ8074: GND

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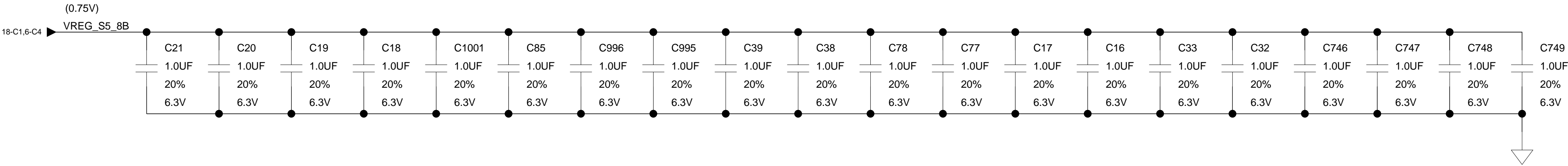
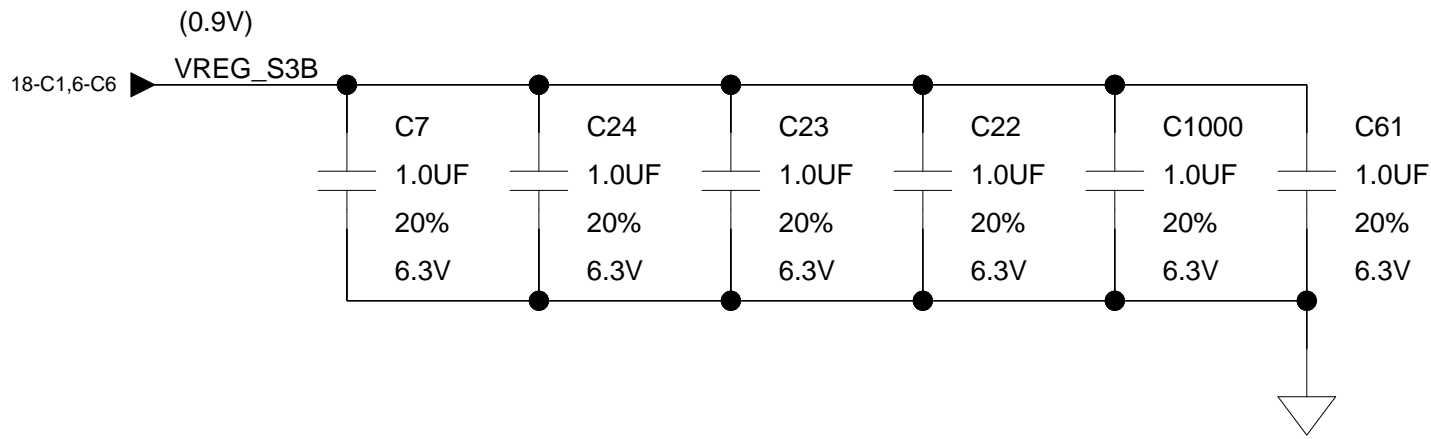
QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

TITLE			
CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO		REV
D	LD20-H9550		A
SCALE		SHEET	OF
NONE		8	27

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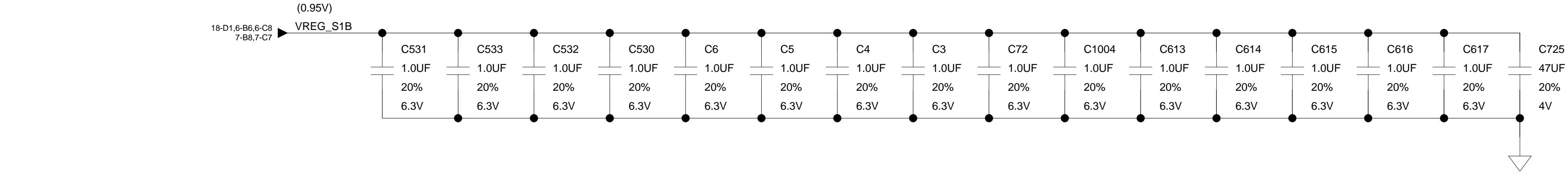
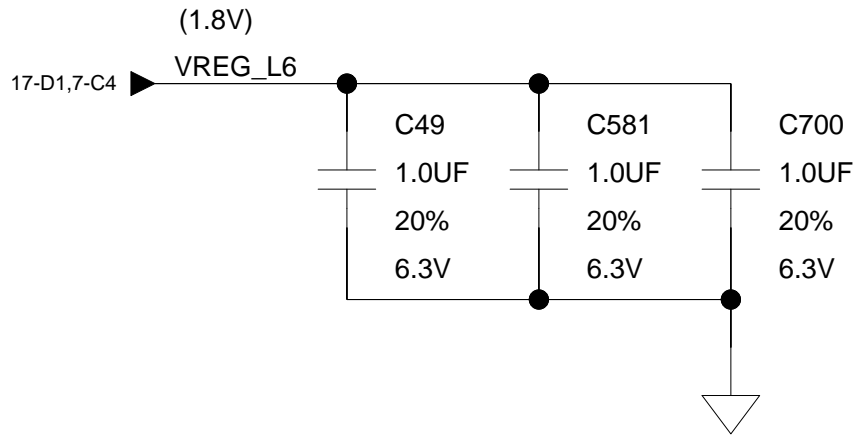
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE		

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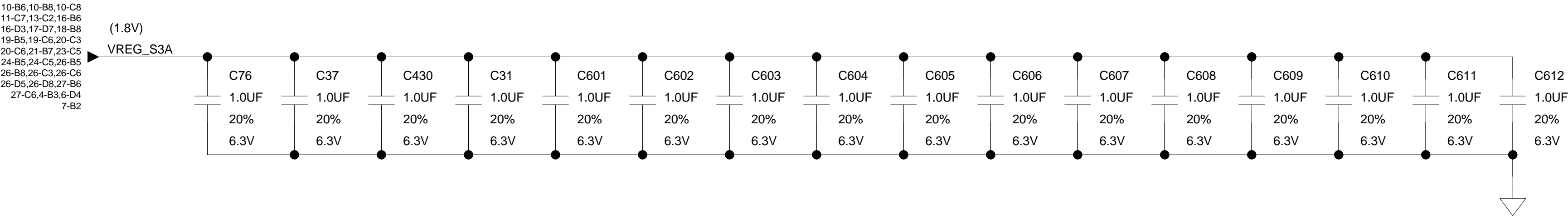
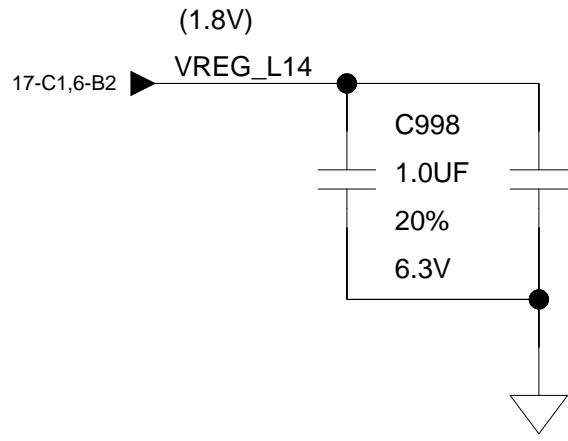
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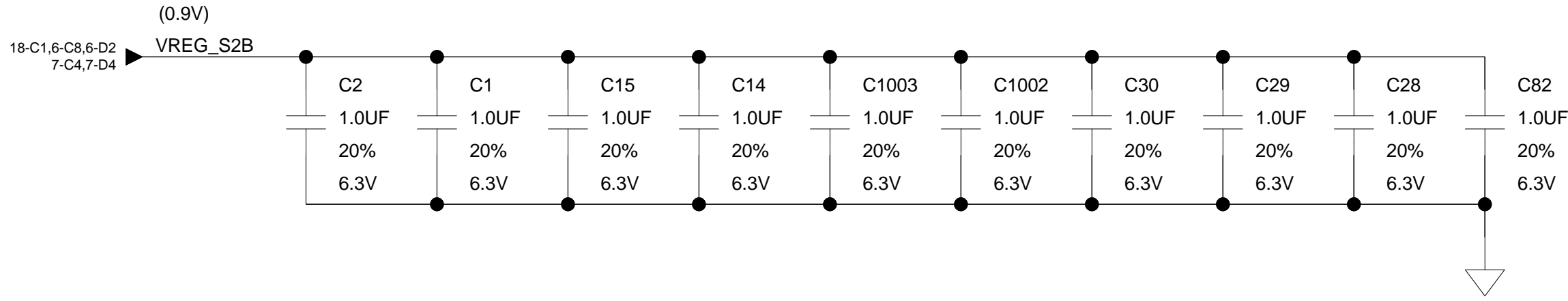
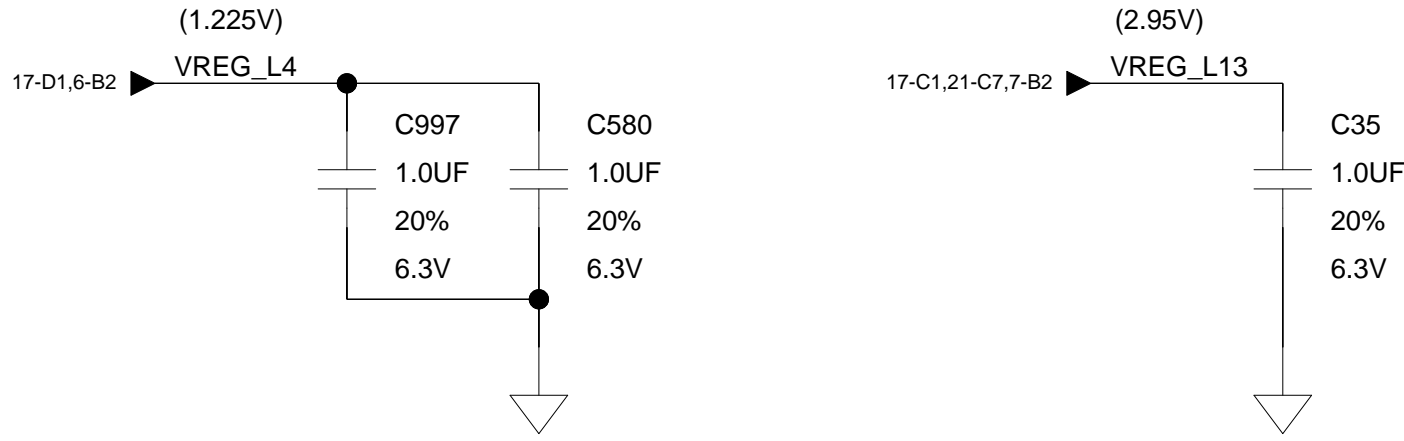
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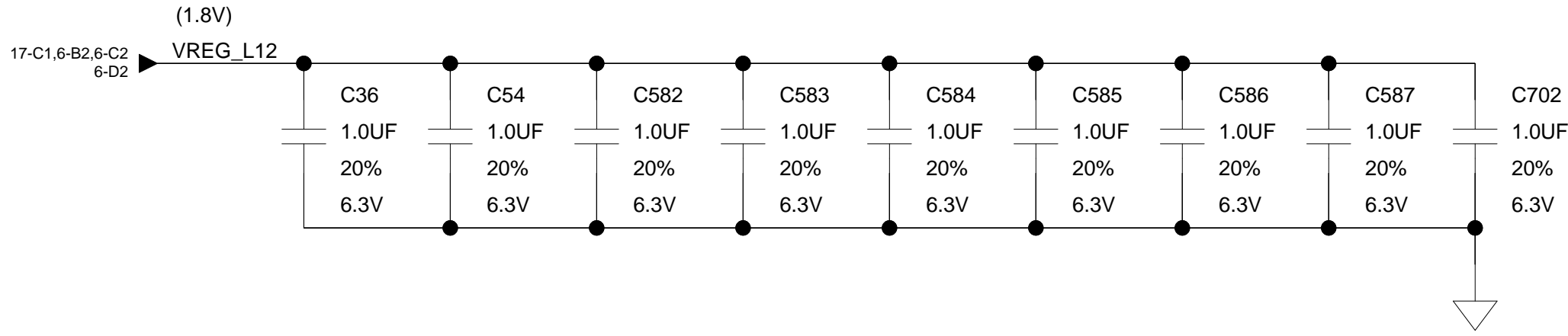
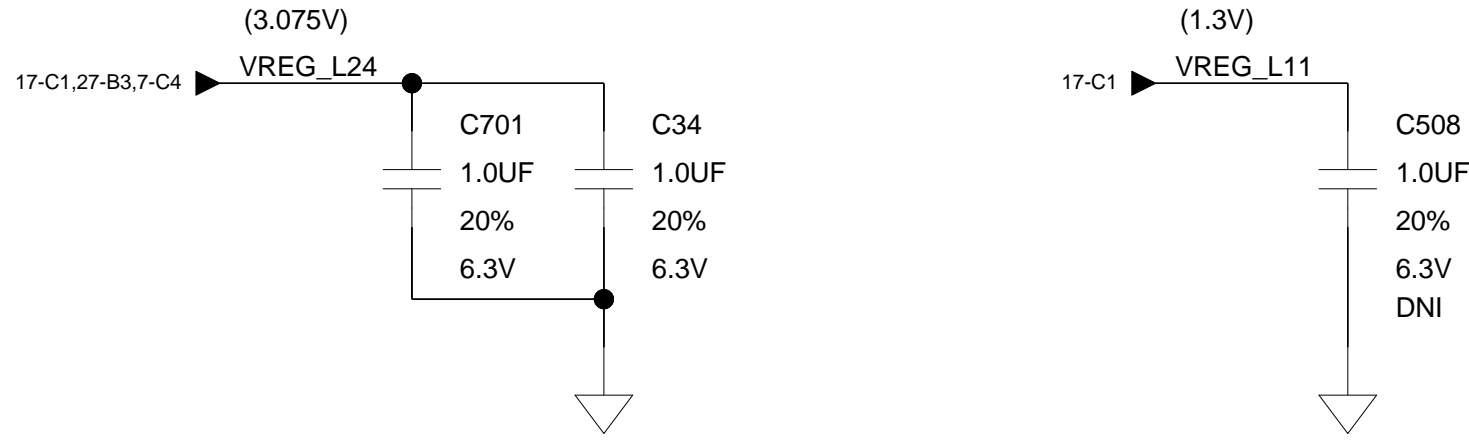
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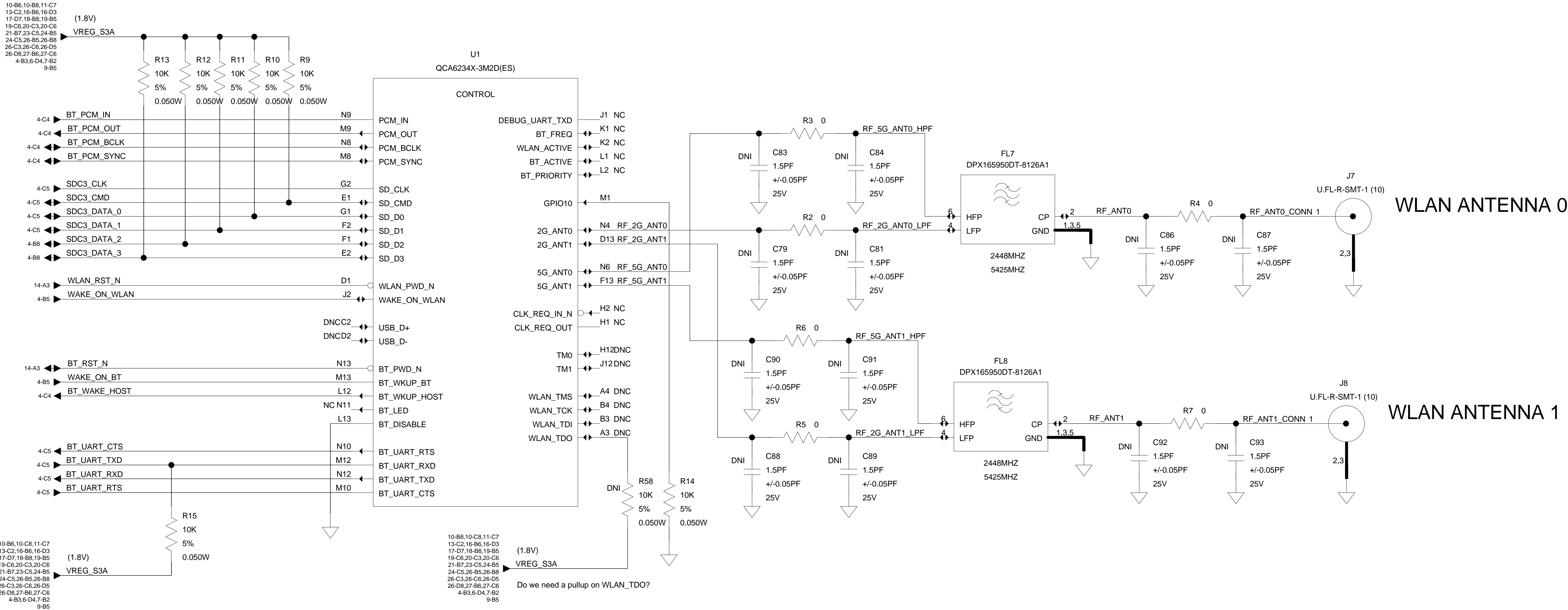
APQ8074: DECOUPLING

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

TITLE			
CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO		REV
D	LD20-H9550		A
SCALE		SHEET	OF
NONE		9	27

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE		

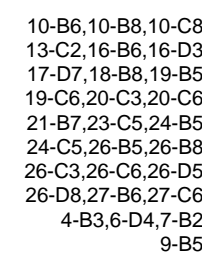


QCA6234: BT/WLAN

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

TITLE			
CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO	REV	
D	LD20-H9550	A	
SCALE		SHEET	OF
NONE		10	27

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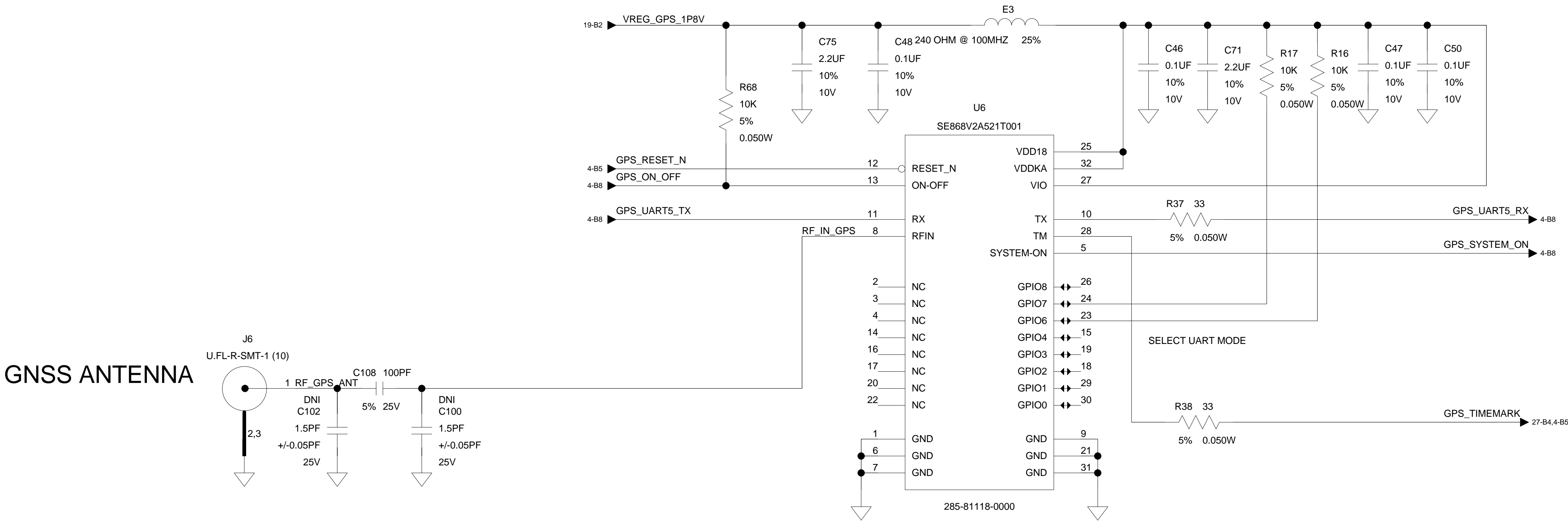
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D		LD20-H9550				A	
SCALE		NONE		SHEET 11		OF 27	

QCA6234: POWER

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE		

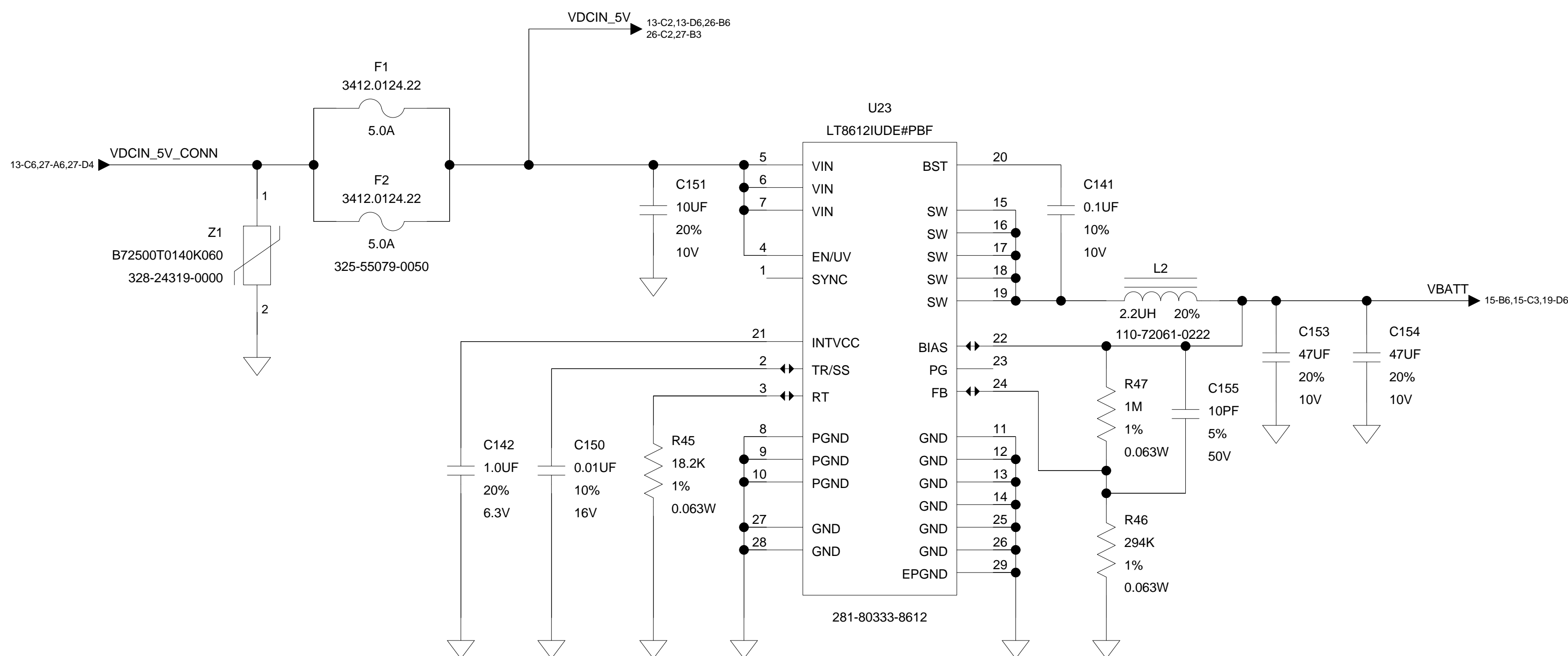
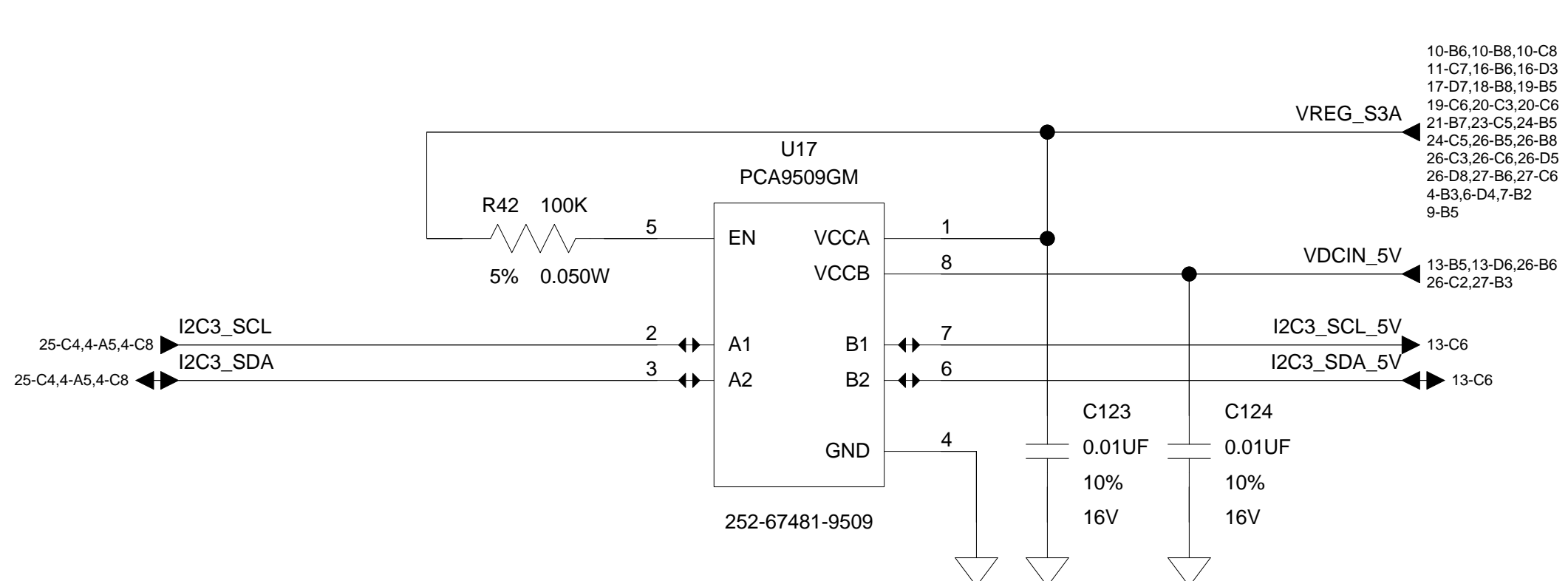


SE868V2:GPS

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

TITLE			
CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO	REV	
D	LD20-H9550	A	
SCALE		SHEET	OF
NONE		12	27

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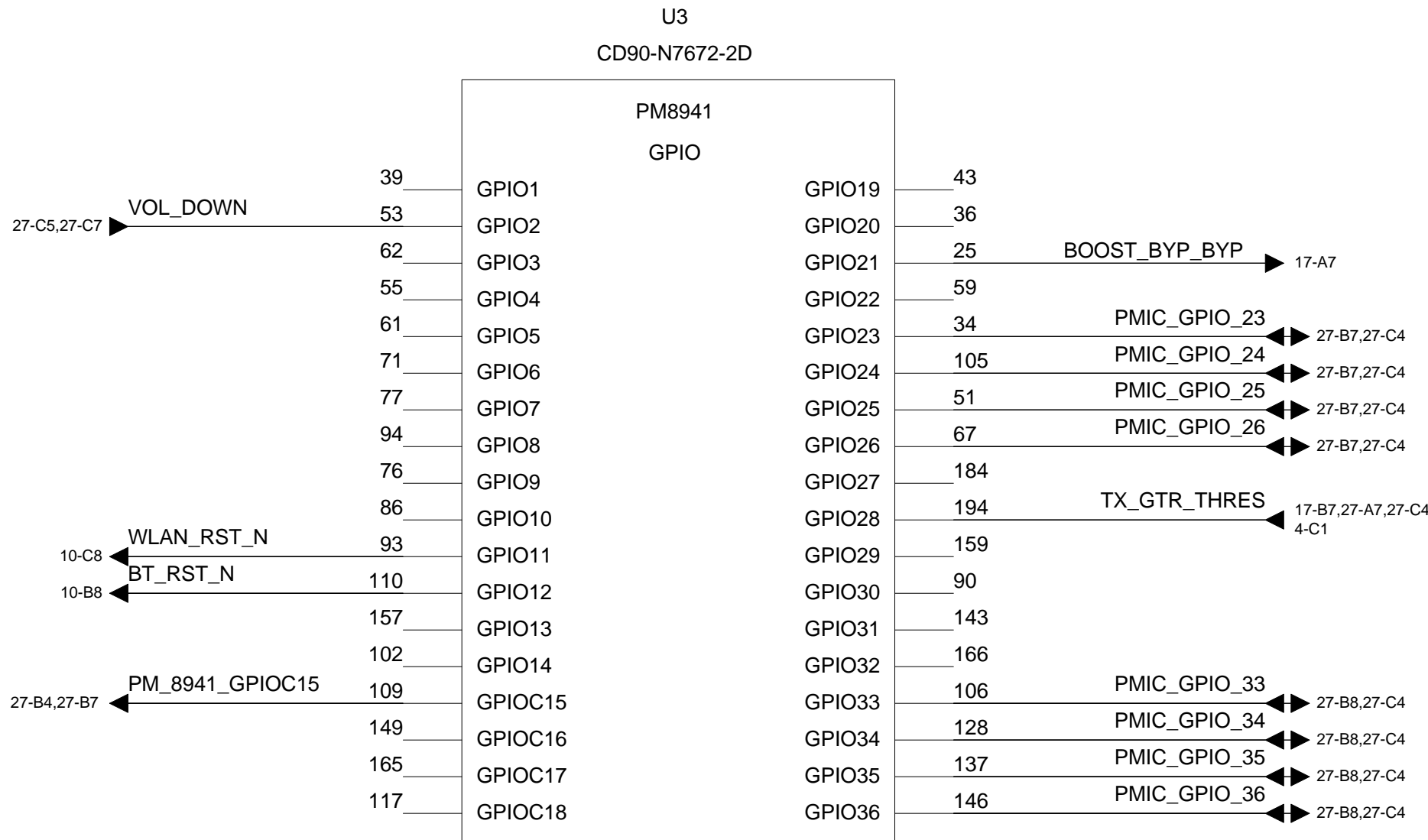
INPUT POWER

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE		

TITLE				CCA, ZEPTO-EAGLE, P2			
SIZE			DRAWING NO			REV	
D			LD20-H9550			A	
SCALE		NONE		SHEET 13		OF 27	

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all XOs and Sleep clk are 50 ohm traces

PM8941: MPP/AMUX/CLKS/GPIOS

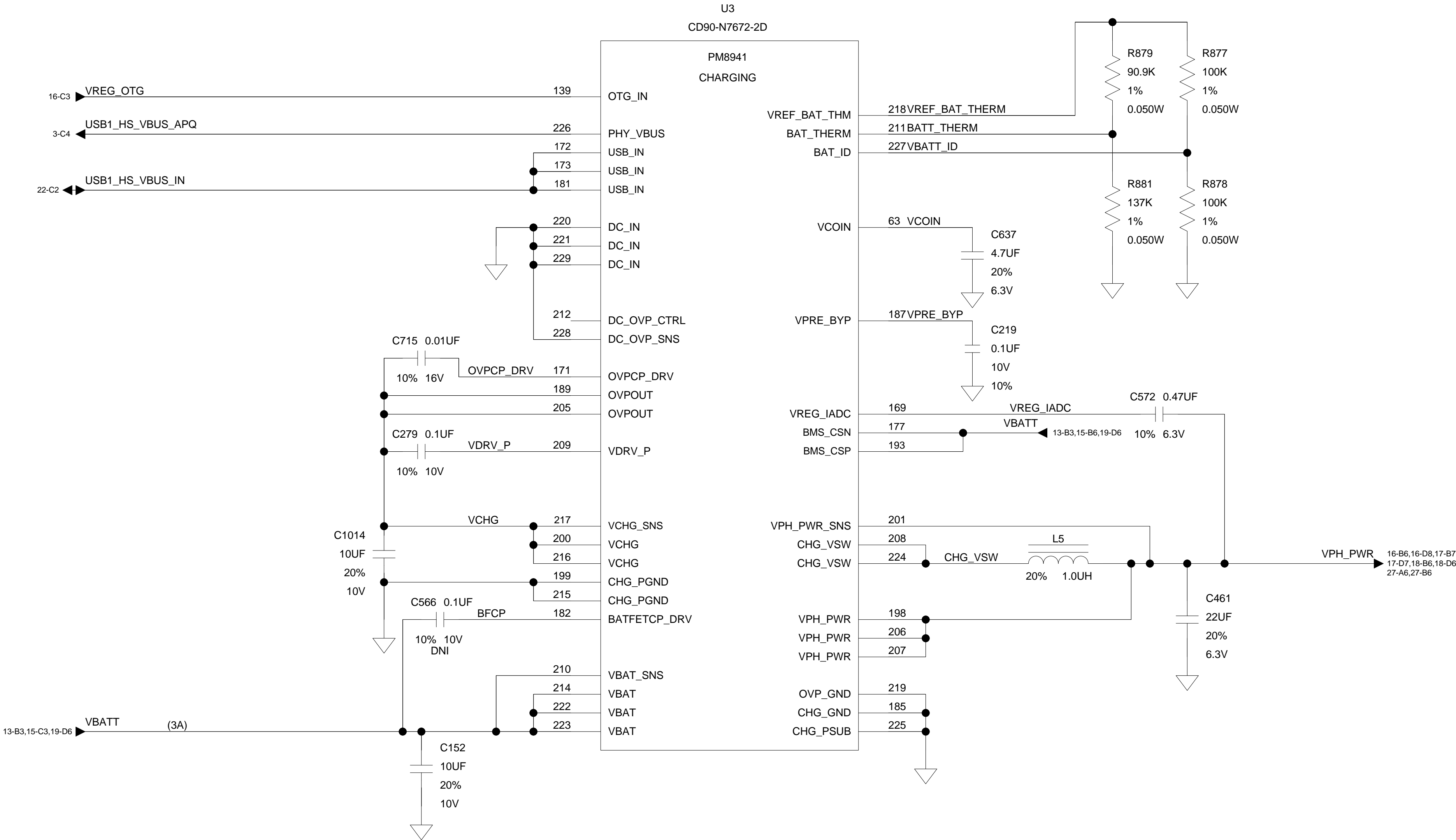
QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

TITLE				CCA, ZEPTO-EAGLE, P2			
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D		LD20-H9550		A			
SCALE		NONE		SHEET 14		OF 27	

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE		

SWITCHED MODE BATTERY CHARGER (SMBC)



PM8941: CHARGING

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

TITLE			
CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO	REV	
D	LD20-H9550	A	
SCALE		SHEET	OF
NONE		15	27

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TITLE				CCA, ZEPTO-EAGLE, P2			
SIZE		DRAWING NO			REV		
D		LD20-H9550			A		
SCALE		NONE			SHEET		16 OF 27

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE		

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PM8941: LDOS

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

TITLE			
CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO	REV	
D	LD20-H9550	A	
SCALE		SHEET	OF
NONE		17	27

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A	INITIAL RELEASE		

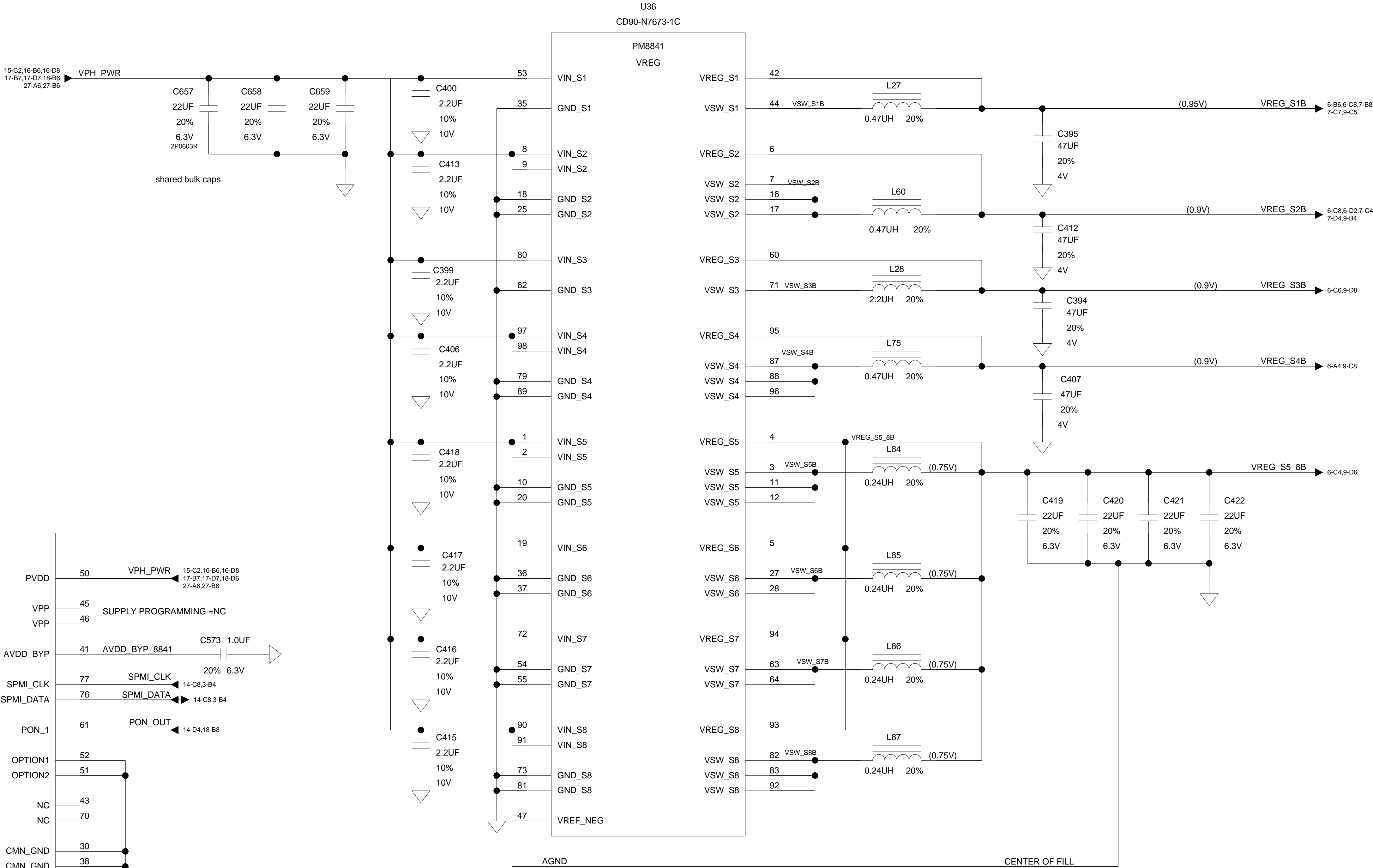
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PM8841



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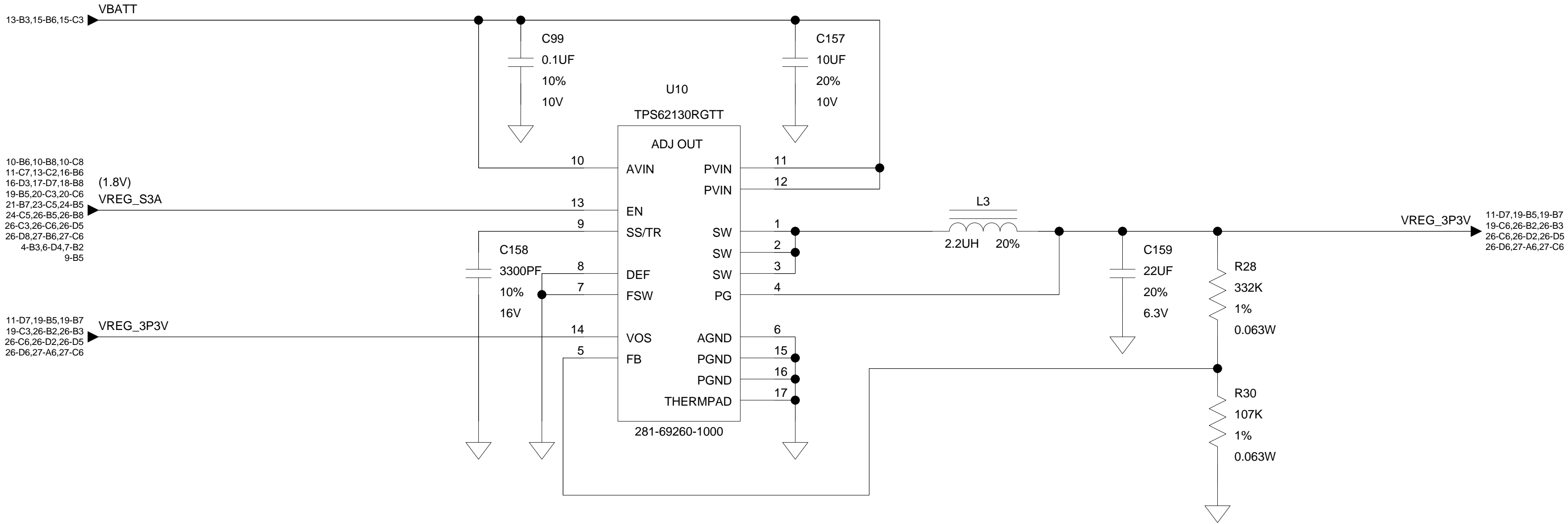
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QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

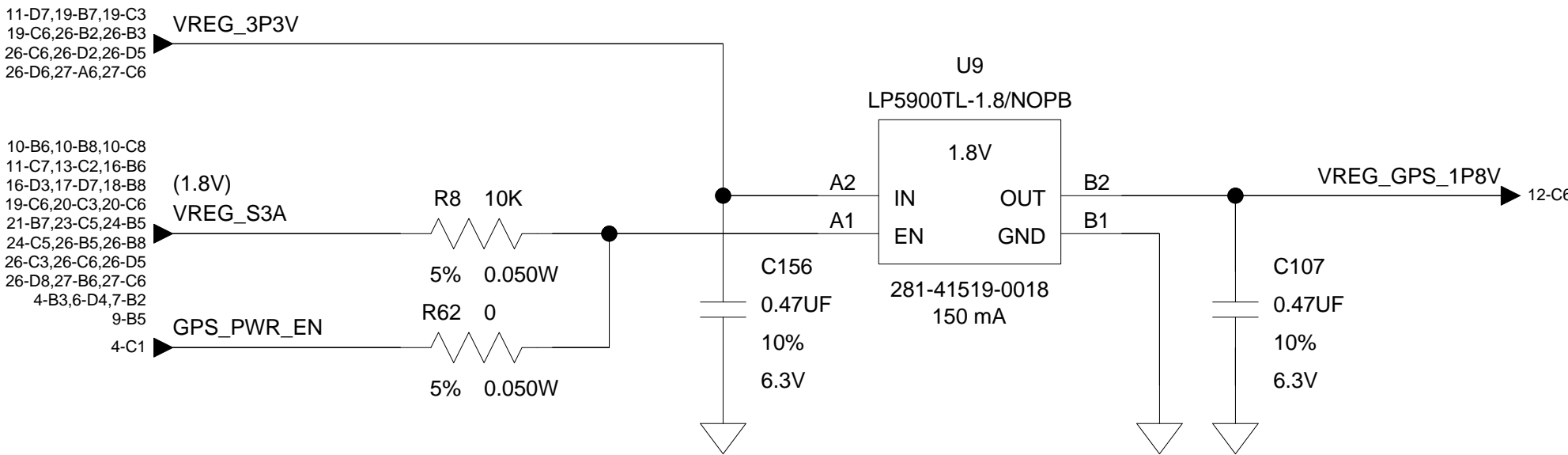
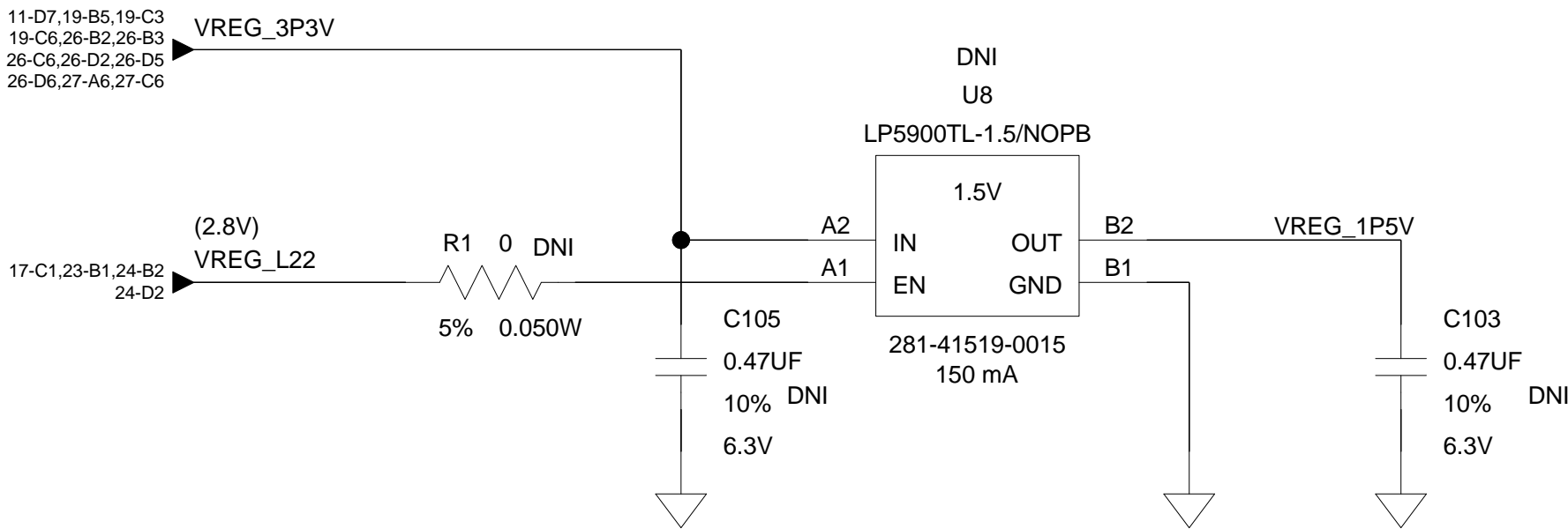
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CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO	REV	
D	LD20-H9550	A	
SCALE		SHEET	OF
NONE		18	27

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A	INITIAL RELEASE		



Note: 1.5V regulator not needed with current camera sensors.
DNI'ed, but left as a backup option.

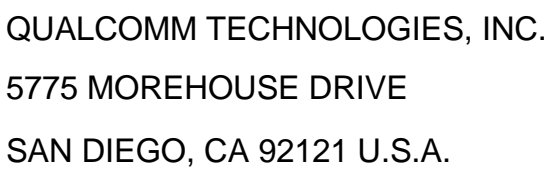


EXTERNAL REGULATORS

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

TITLE			
CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO	REV	
D	LD20-H9550	A	
SCALE		SHEET	OF
NONE		19	27

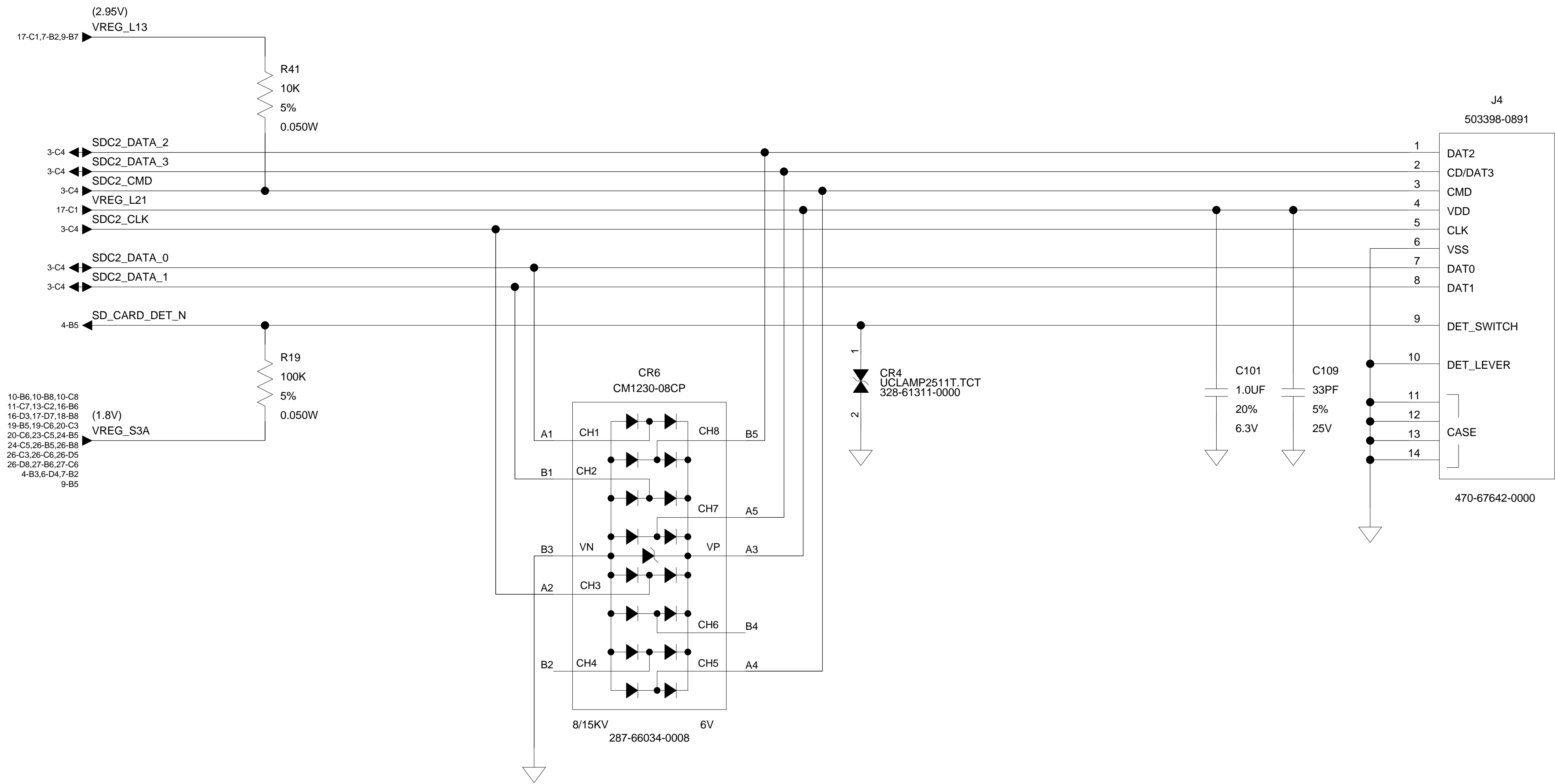
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TITLE				CCA, ZEPTO-EAGLE, P2			
SIZE		DRAWING NO		REV			
D		LD20-H9550		A			
SCALE		NONE		SHEET 20		OF 27	

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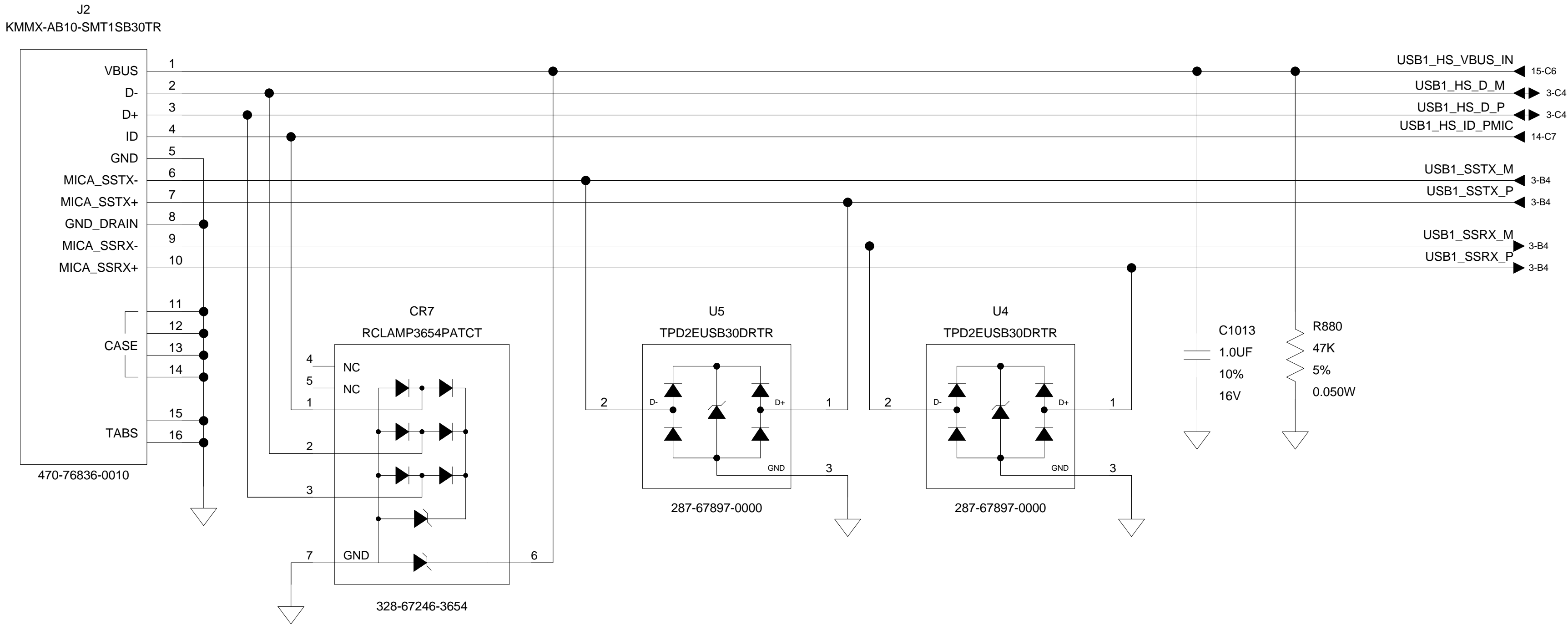
MICRO SD CONNECTOR

QUALCOMM TECHNOLOGIES, INC.
5775 MOREHOUSE DRIVE
SAN DIEGO, CA 92121 U.S.A.

TITLE			
CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO	REV	
D	LD20-H9550	A	
SCALE NONE		SHEET 21	OF 27

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A	INITIAL RELEASE		



USB 3P0 CONNECTOR

QUALCOMM TECHNOLOGIES, INC.
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SAN DIEGO, CA 92121 U.S.A.

TITLE			
CCA, ZEPTO-EAGLE, P2			
SIZE	DRAWING NO	REV	
D	LD20-H9550	A	
SCALE NONE		SHEET 22	OF 27

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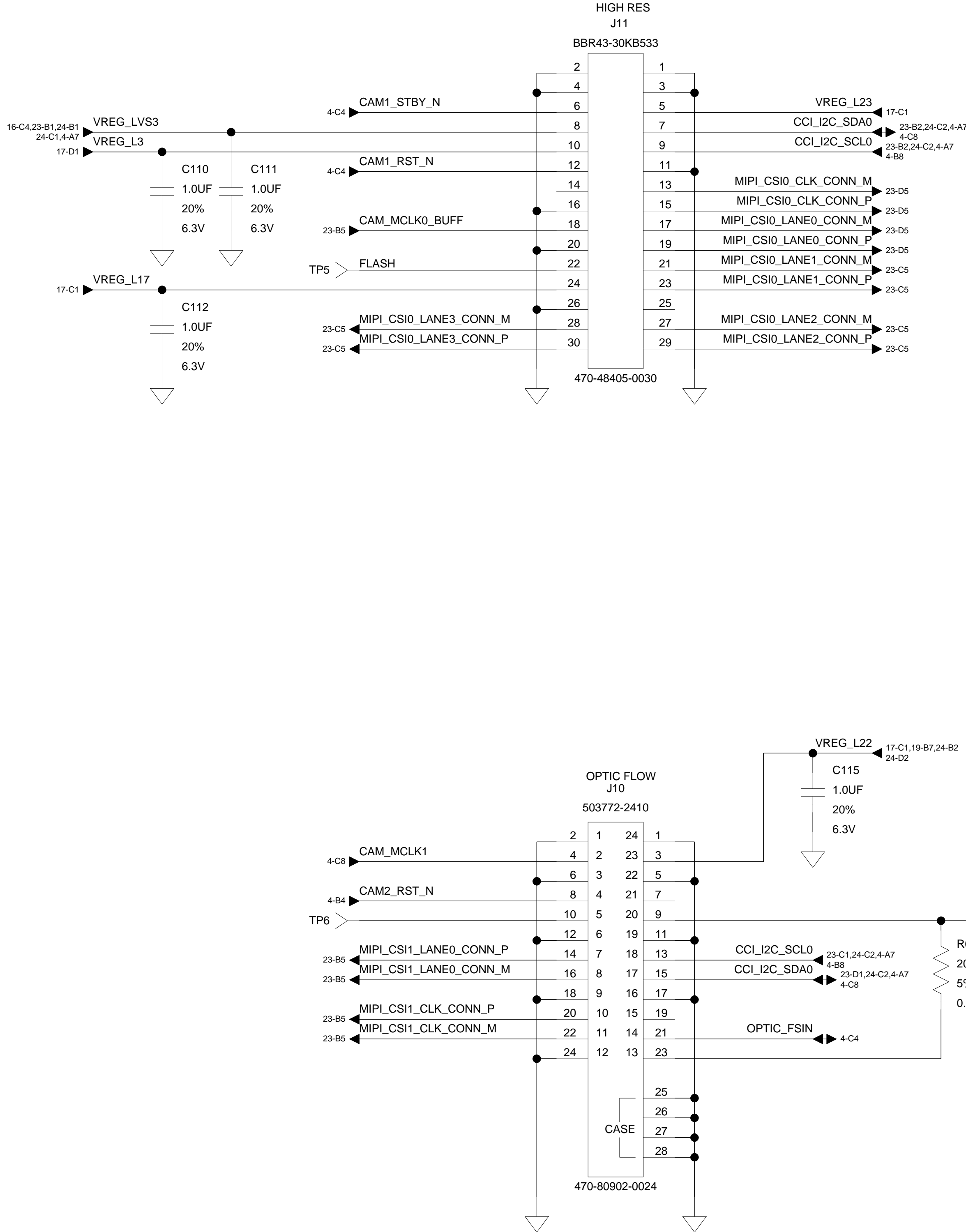
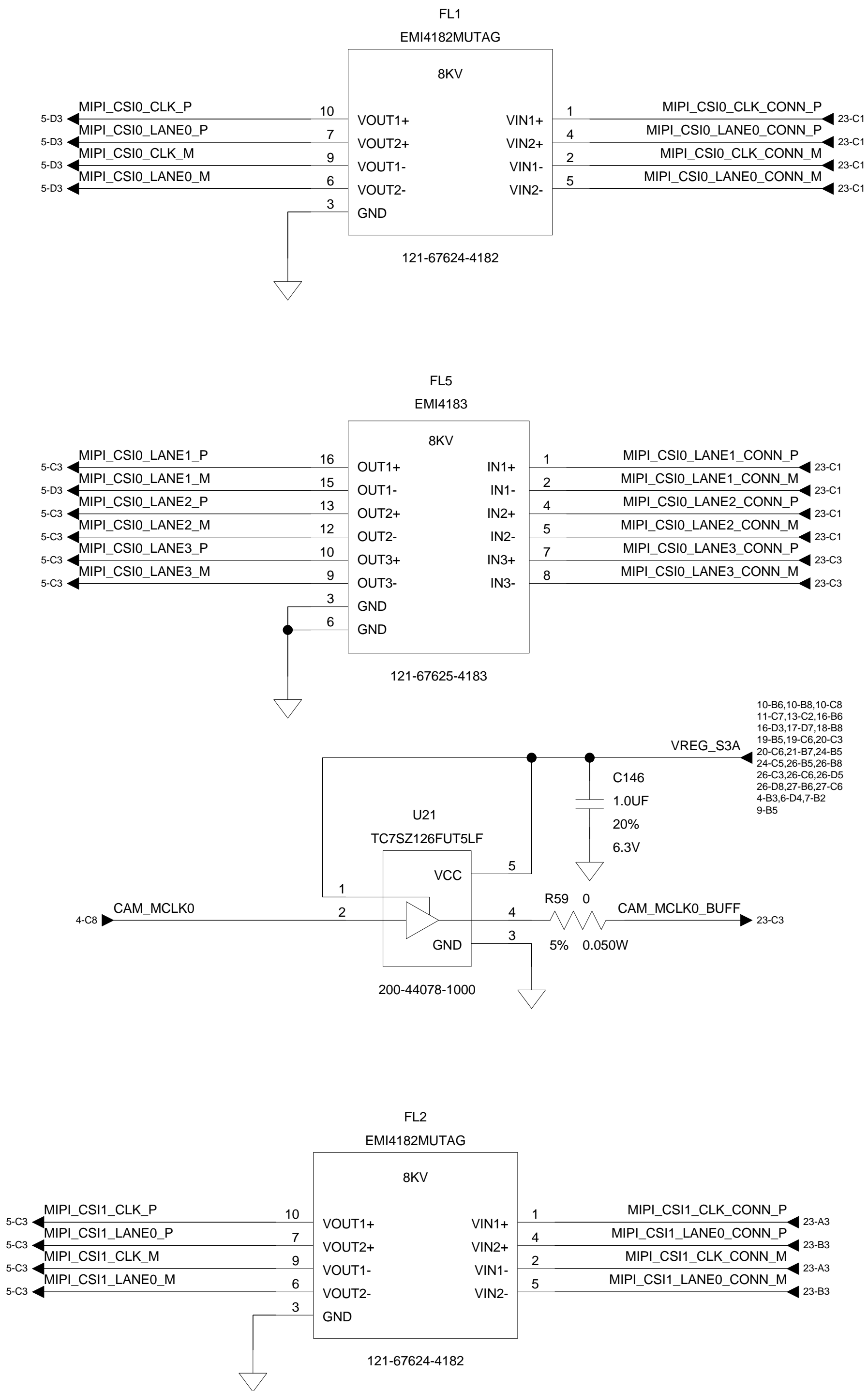
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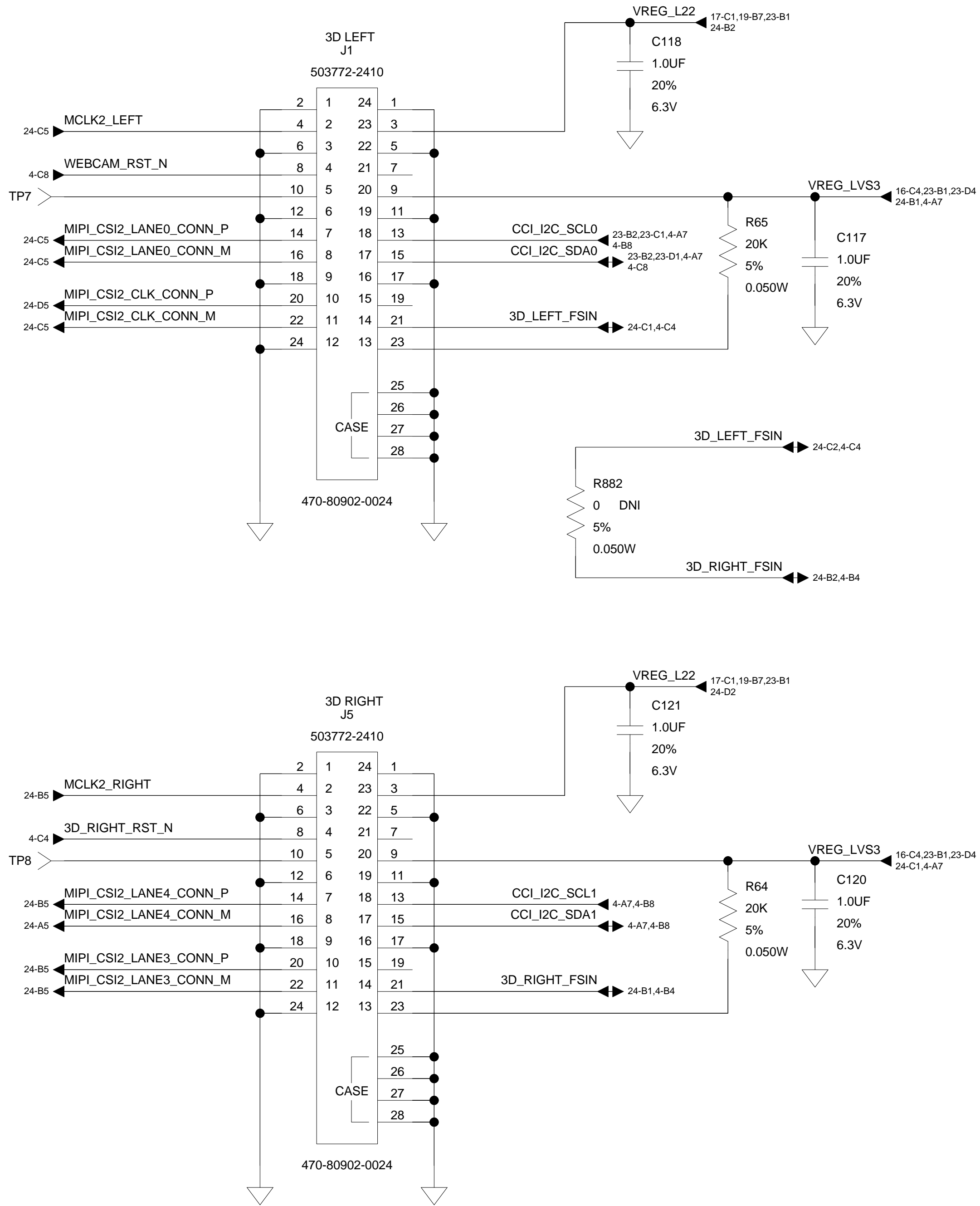
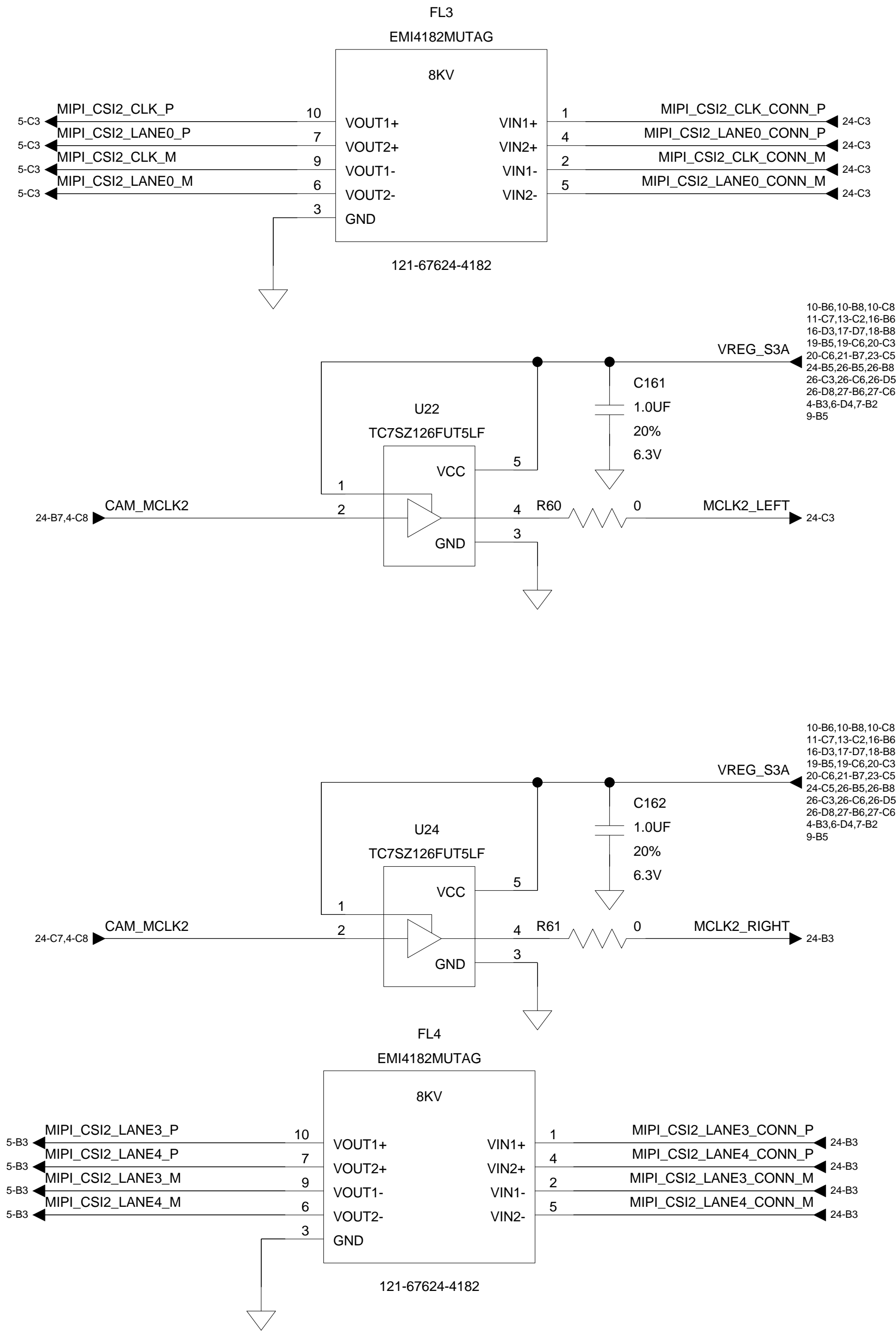
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A	INITIAL RELEASE		

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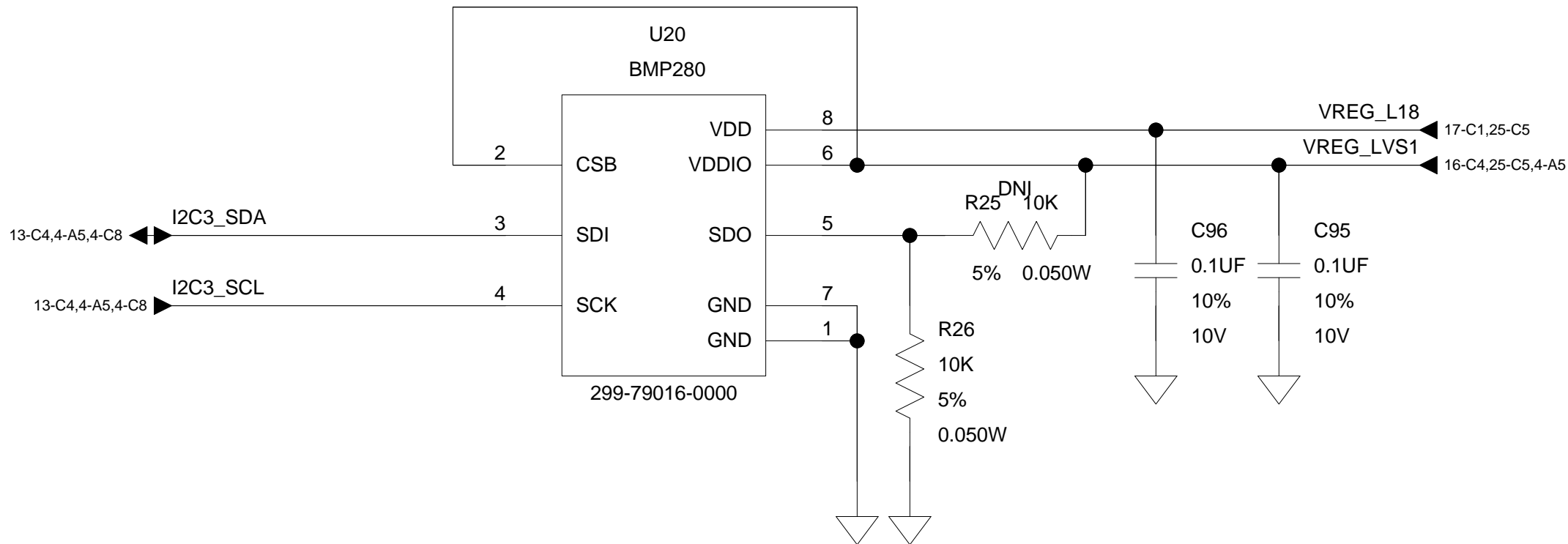
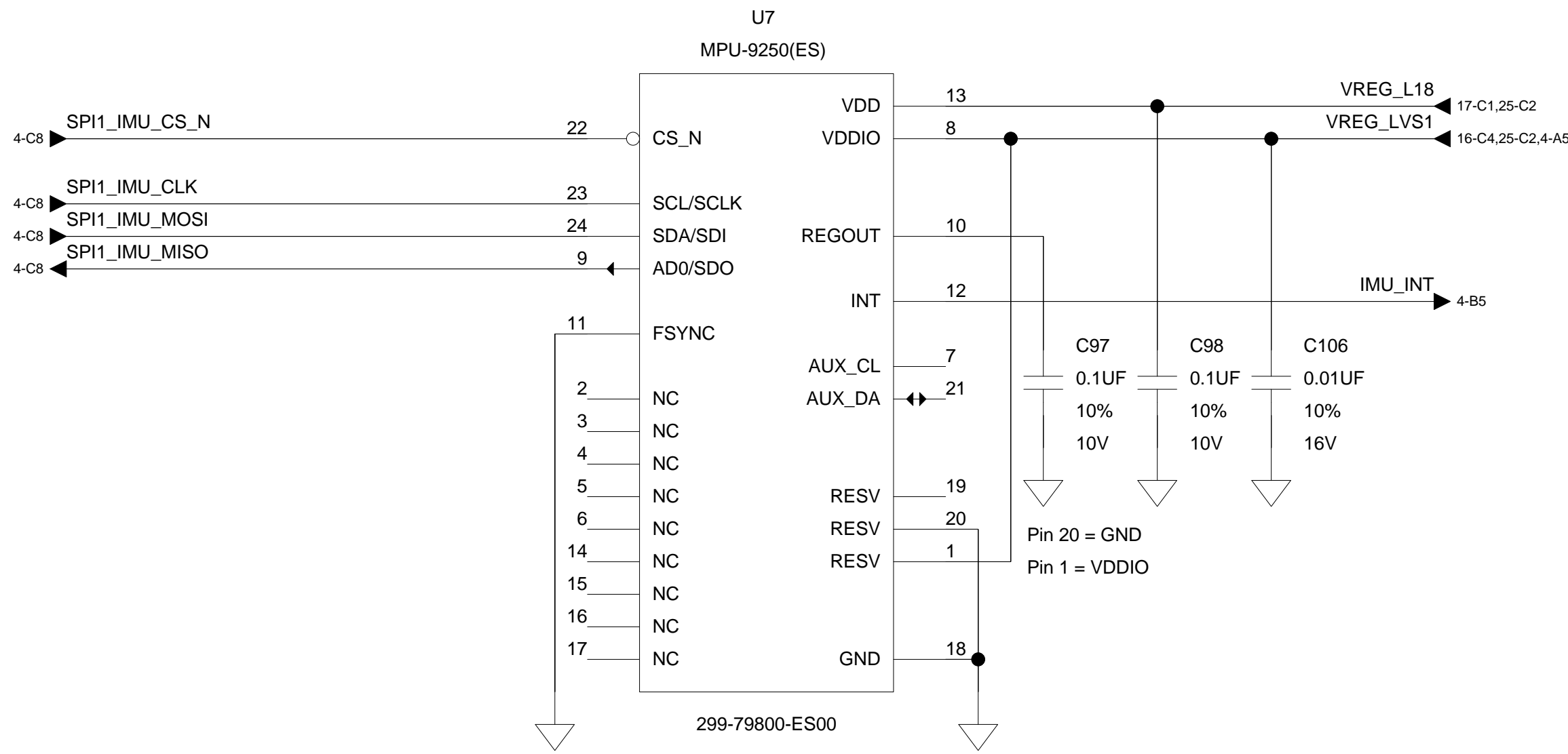
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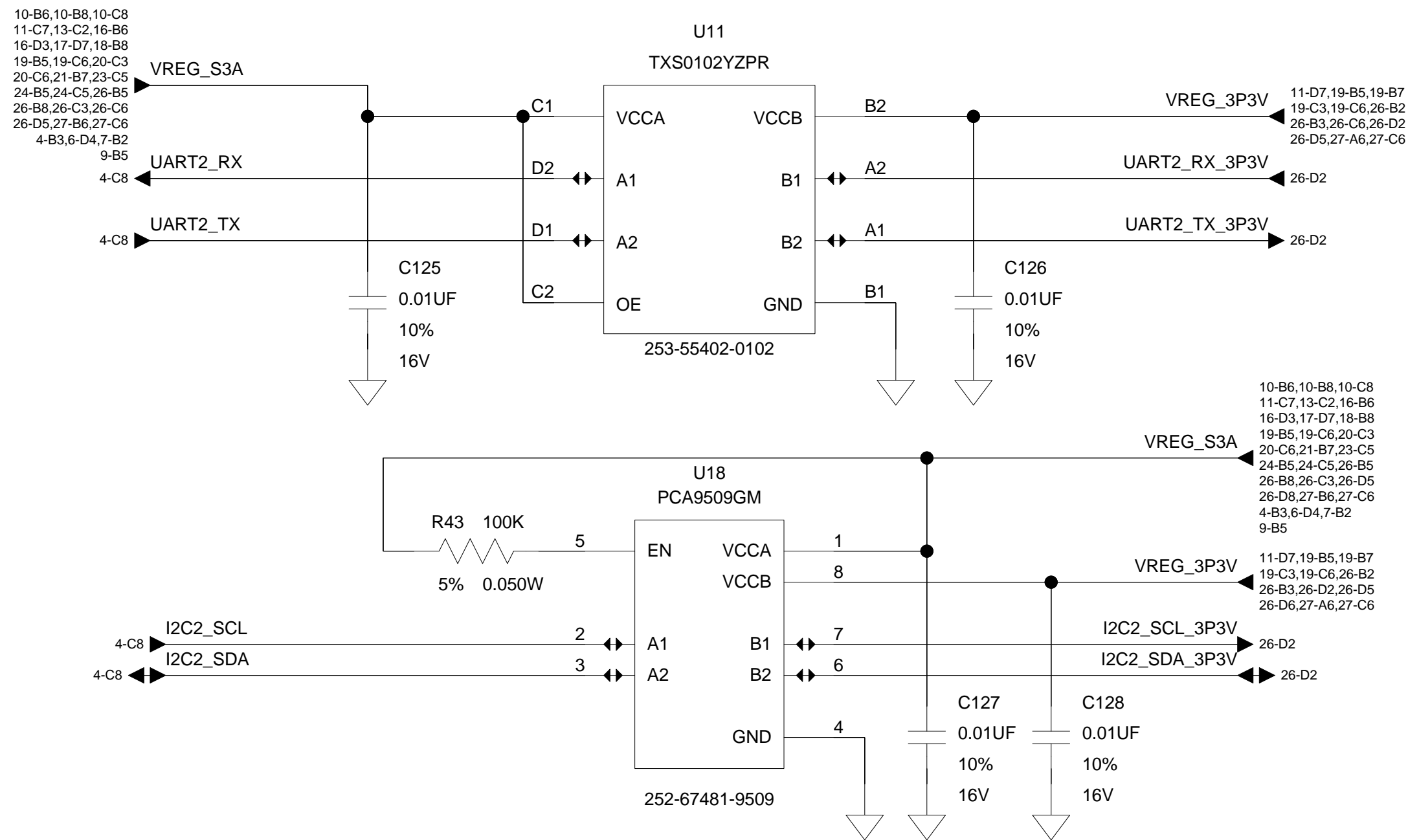
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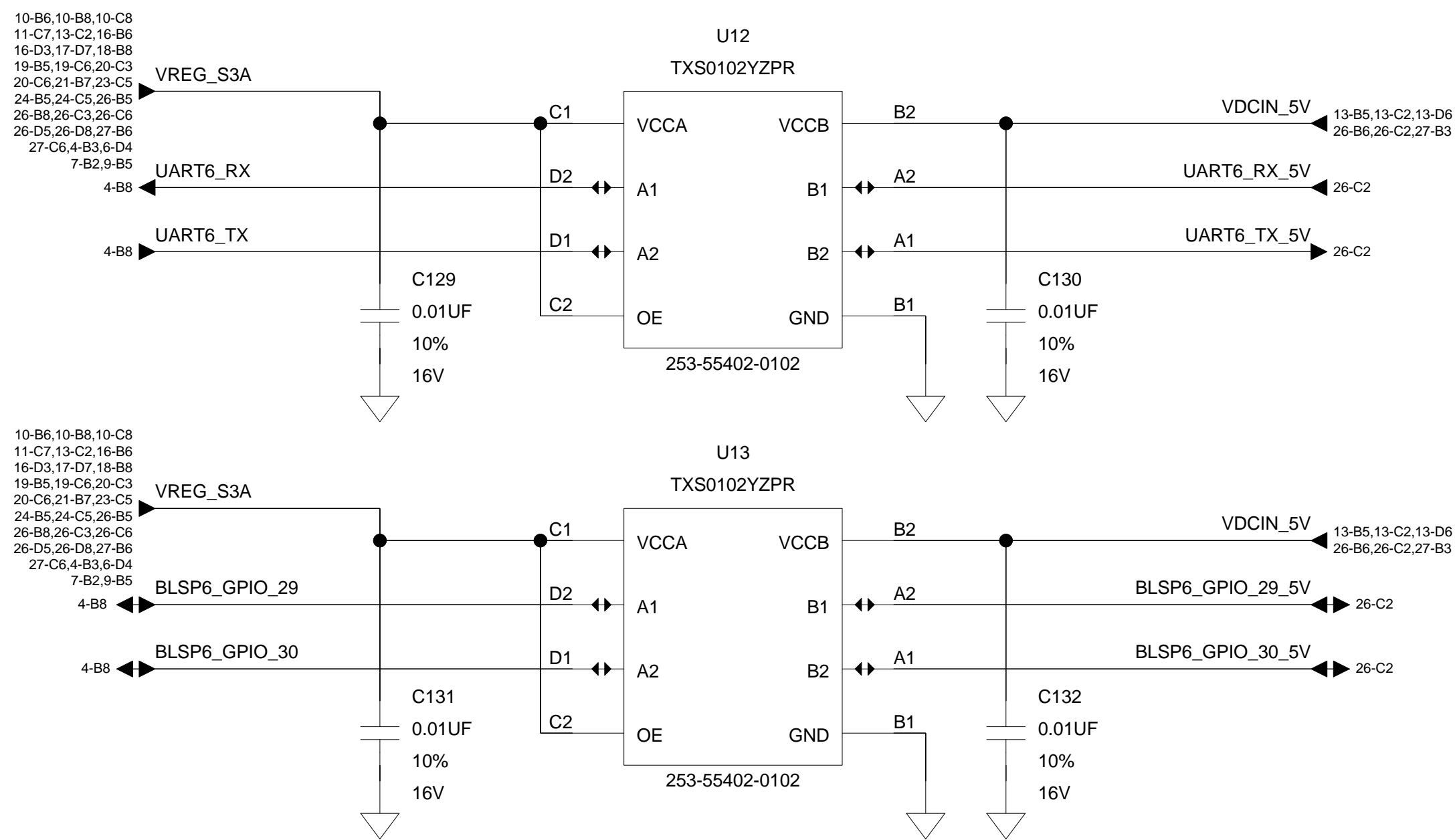
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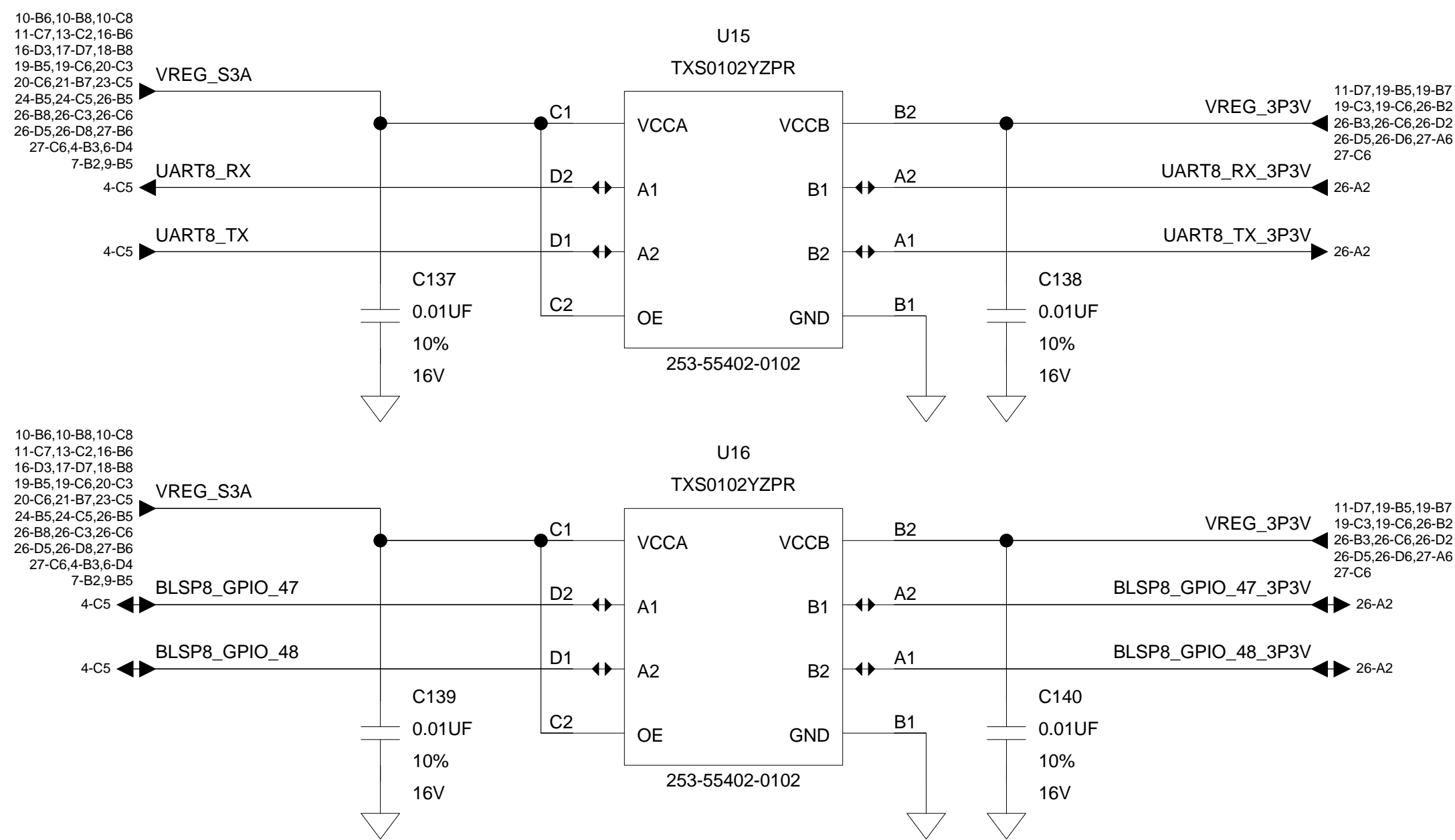
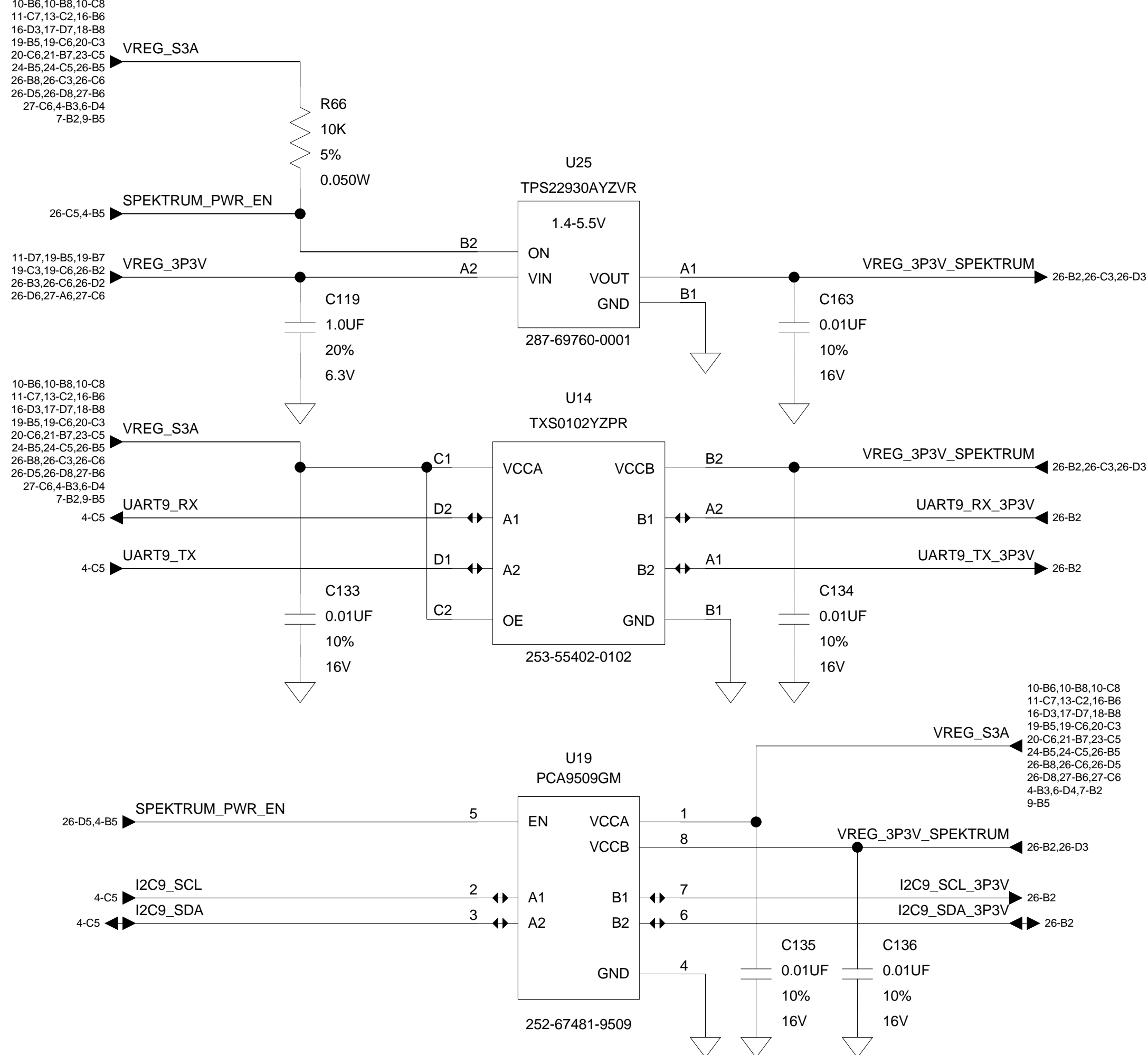
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ESC AND IMU CONNECTORS

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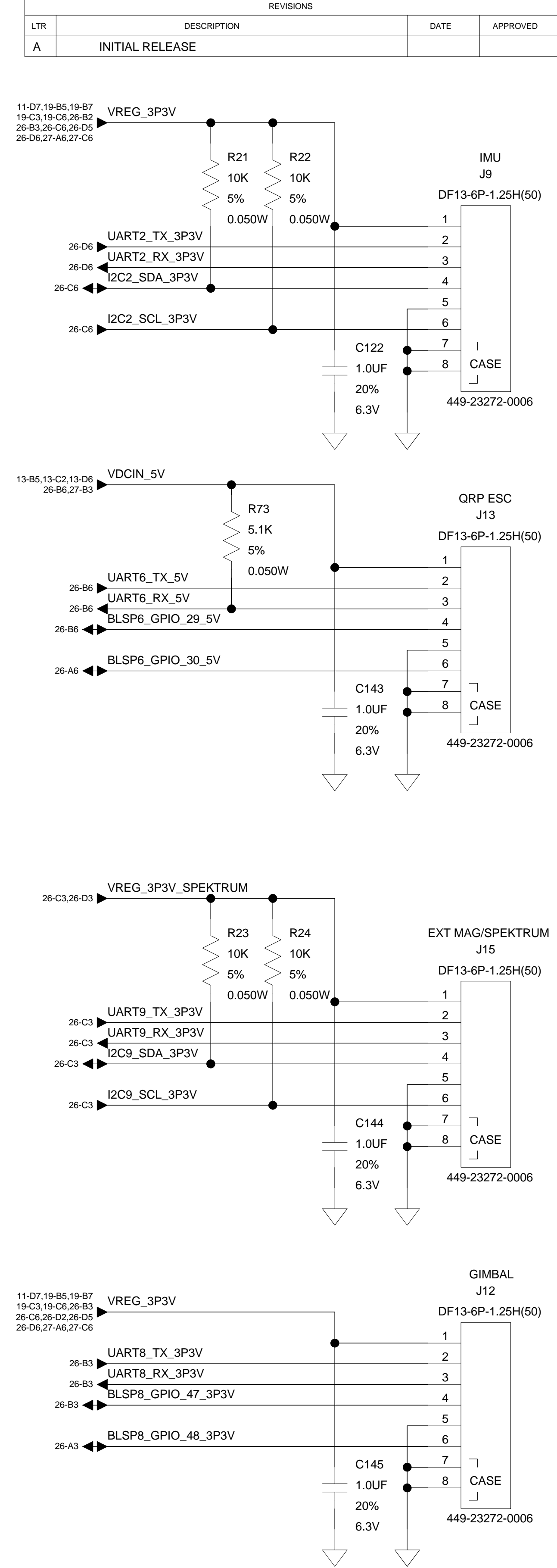
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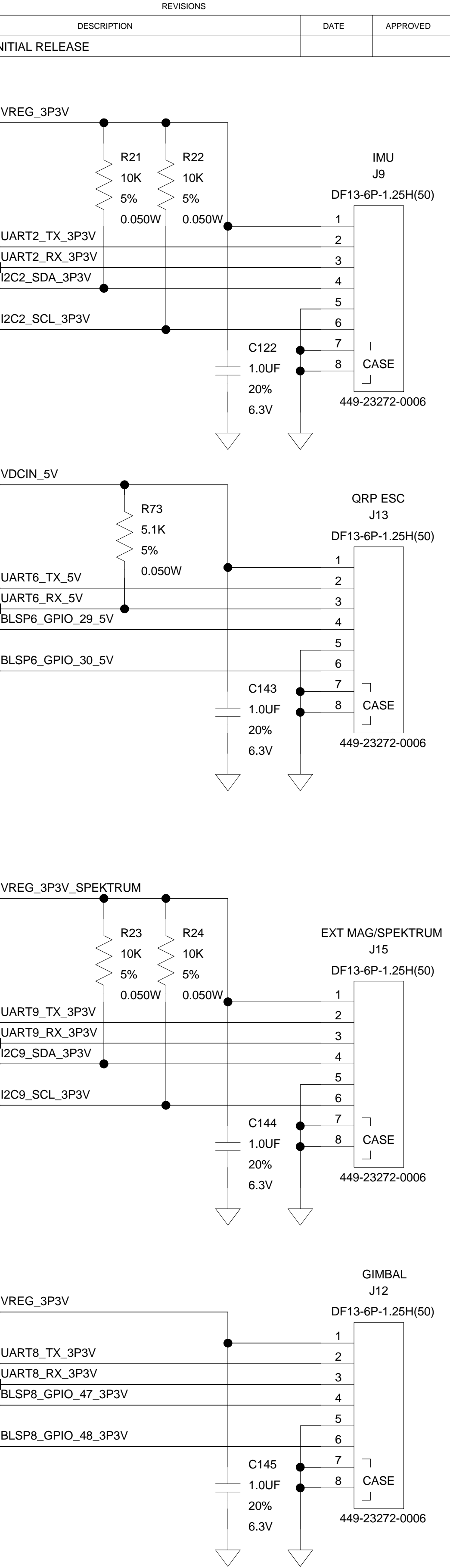
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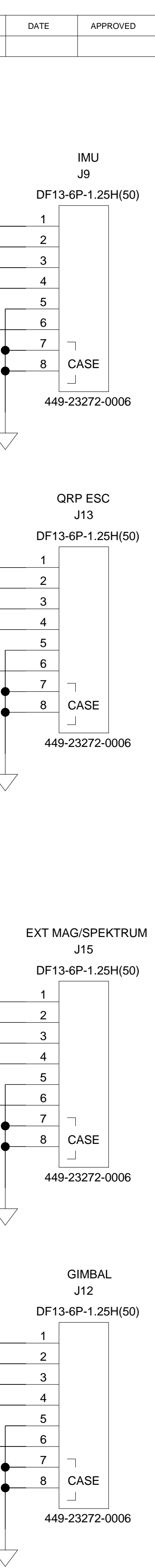
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D	LD20-H9550	A	
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