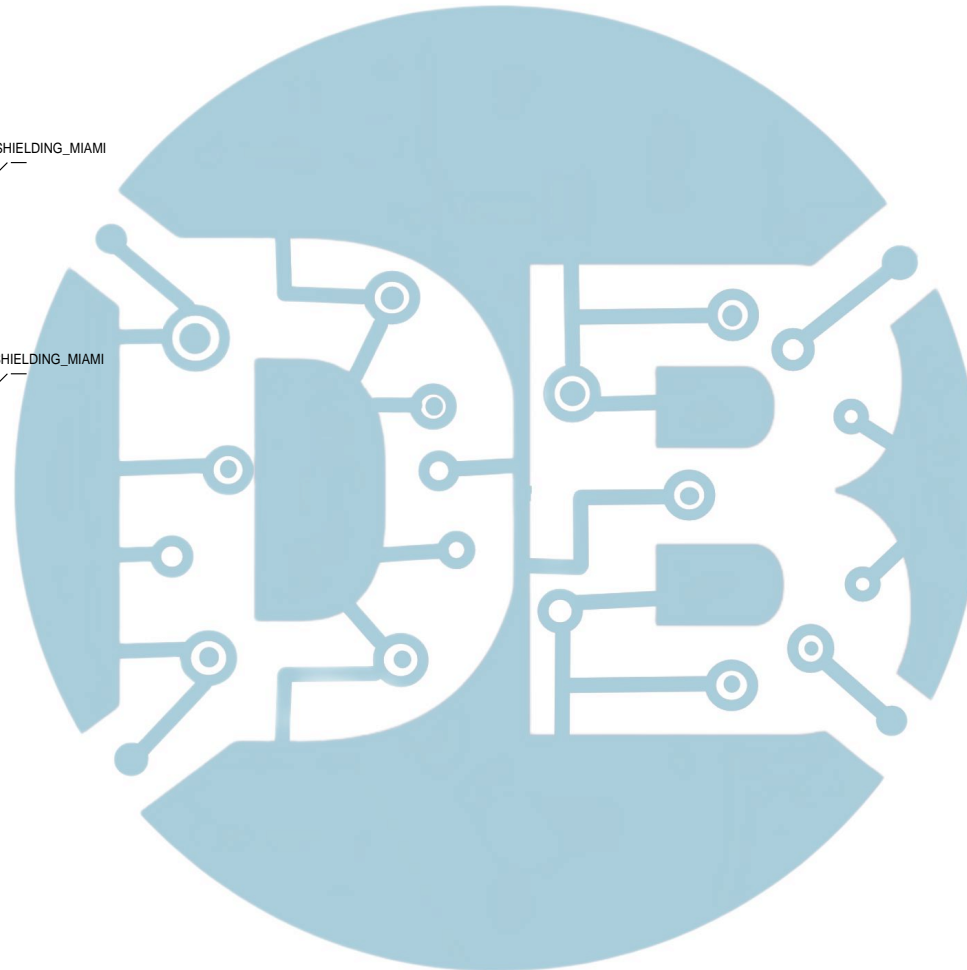
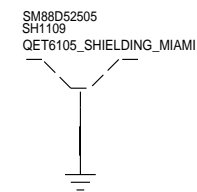
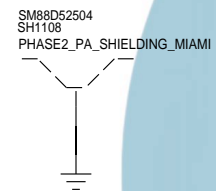
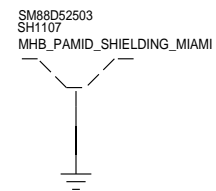
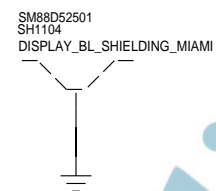
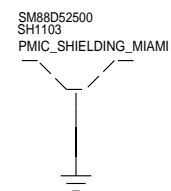
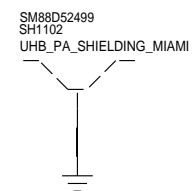
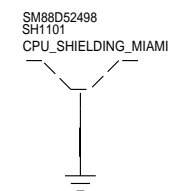


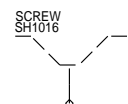
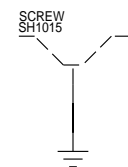
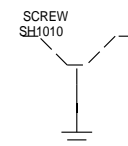
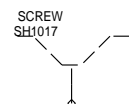
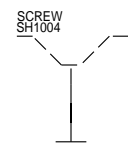
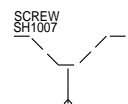
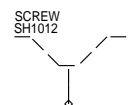
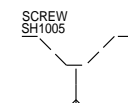
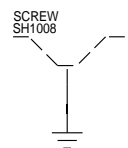
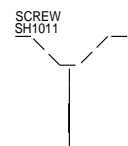
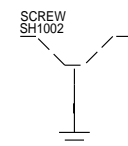
GROUND CONTACTS

TOP SIDE GND SPRING


PCB SHIELD



SCREW

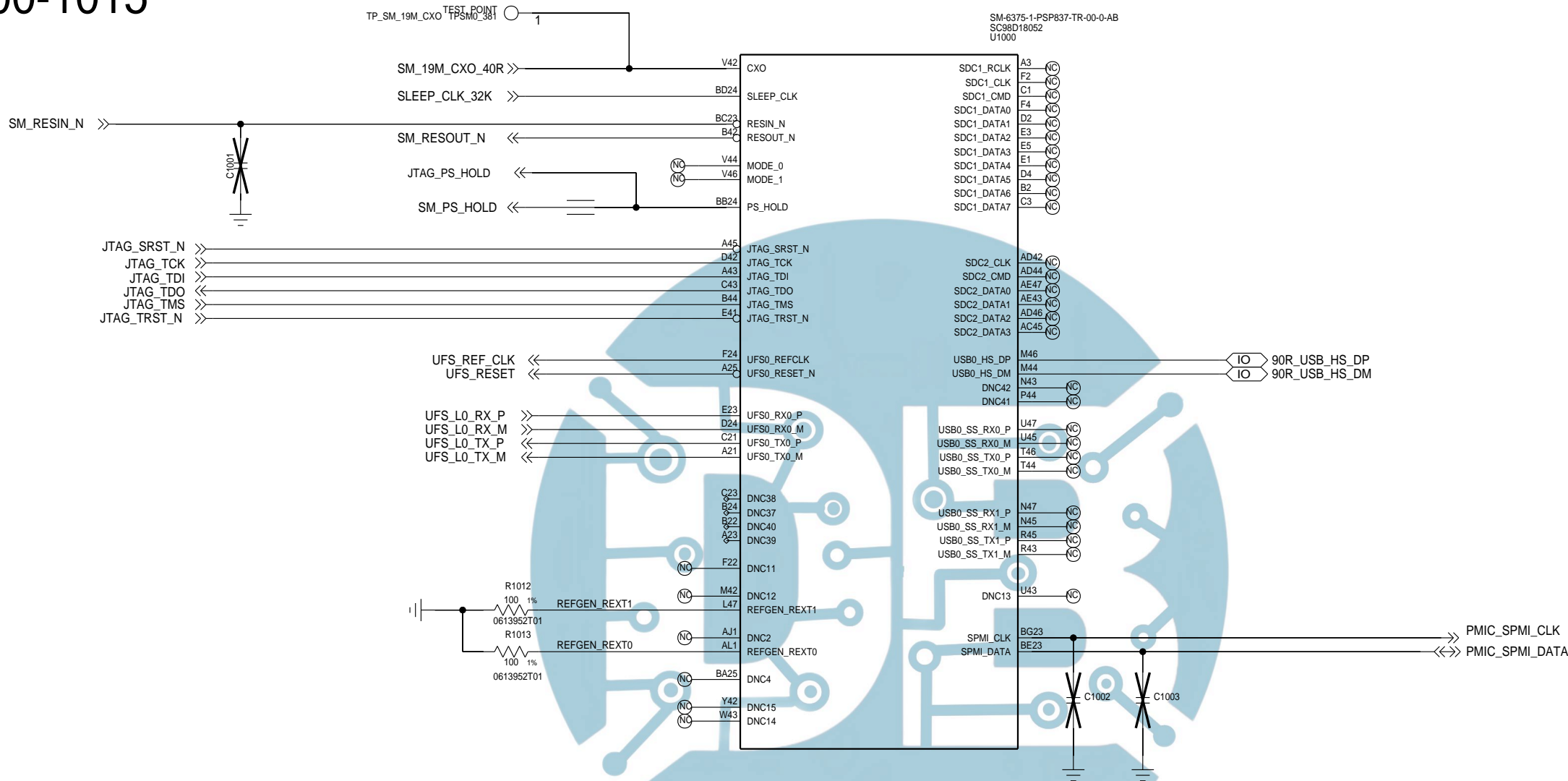



MOTOROLA MOBILITY CONFIDENTIAL RESTRICTED-MDB TRACKED TRACKEDANDBLOCKED

APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: Sat Jun 11 11:53:42 2022			
<u>MOTOROLA CONFIDENTIAL RESTRICTED</u> THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION		B PROJECT NAME miami_mb_c_20220624.cpm	REV 01
		CAD FILE NAME:	PAGE 2 OF 80

SM6375: CTRL

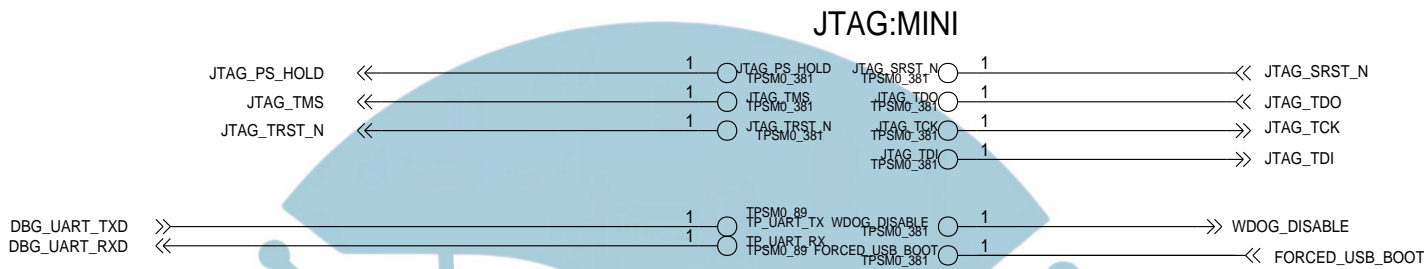
REF 1000-1015



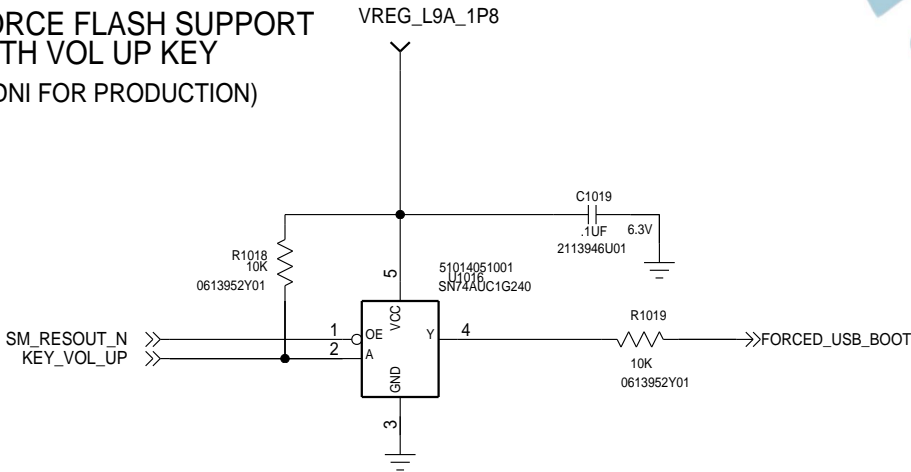
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LAST MODIFIED BY: MOTOLOLA Fri May 06 10:00:28 2022		ap_pmic	
MOTOROLA CONFIDENTIAL RESTRICTED THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION		B PROJECT NAME miami_mb_c_20220624.cpm	REV 01
		CAD FILE NAME:	
		PAGE 3 OF 80	

SM6375: DEBUG

REF 1016-1025



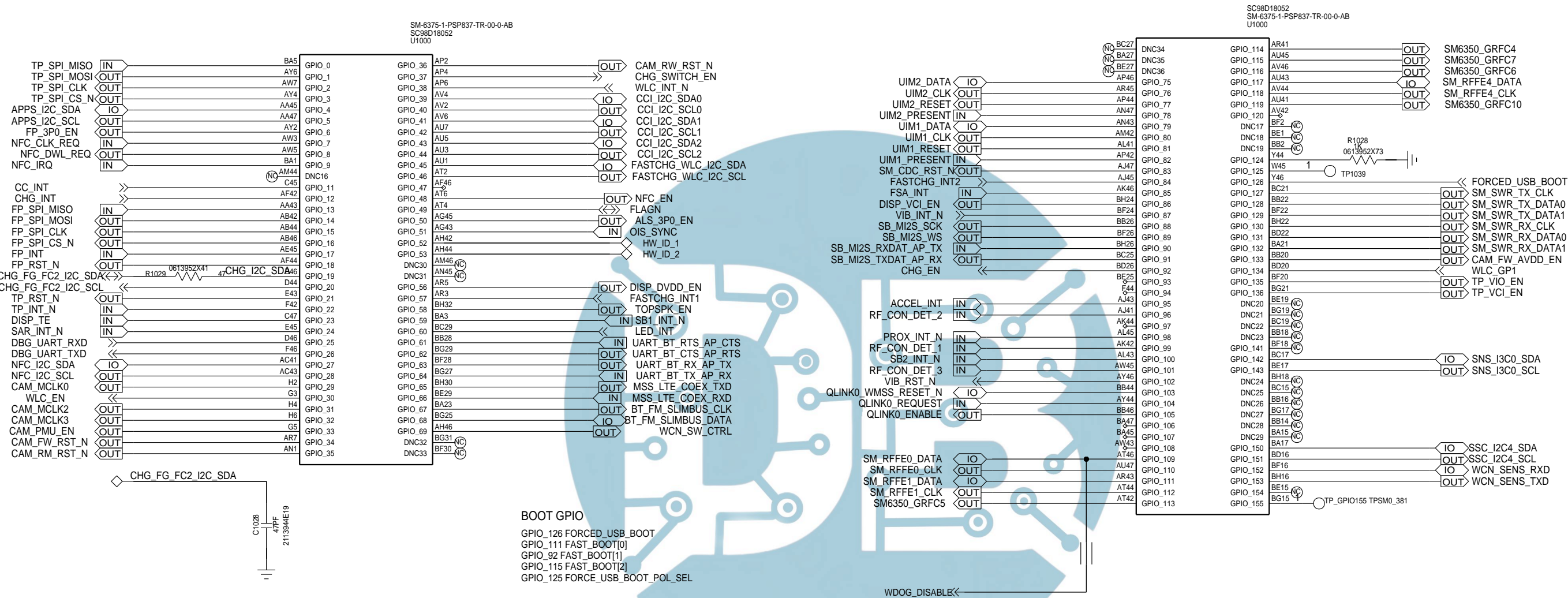
FORCE FLASH SUPPORT WITH VOL UP KEY (DNI FOR PRODUCTION)



APPROVALS		MOTOROLA MOBILE DEVICES	
ENGINEER:		BLOCK TITLE:	
LAST MODIFIED BY: MOTOLOLA Fri Jun 17 16:44:27 2022		ap_pmic	
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		B miami_mb_c_20220624.cpm	REV 01
		CAD FILE NAME:	
		PAGE 4 OF 80	

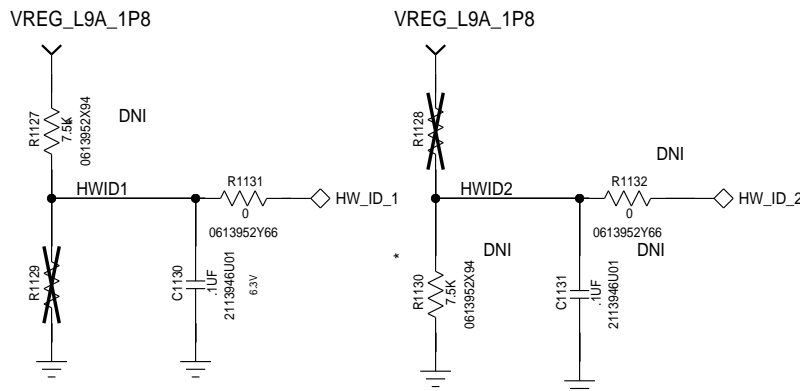
SM6375: GPIO

REF 1027-1040



MOT BOARD ID

FOR RUNTIME REVISION INFORMATION, REFER TO:

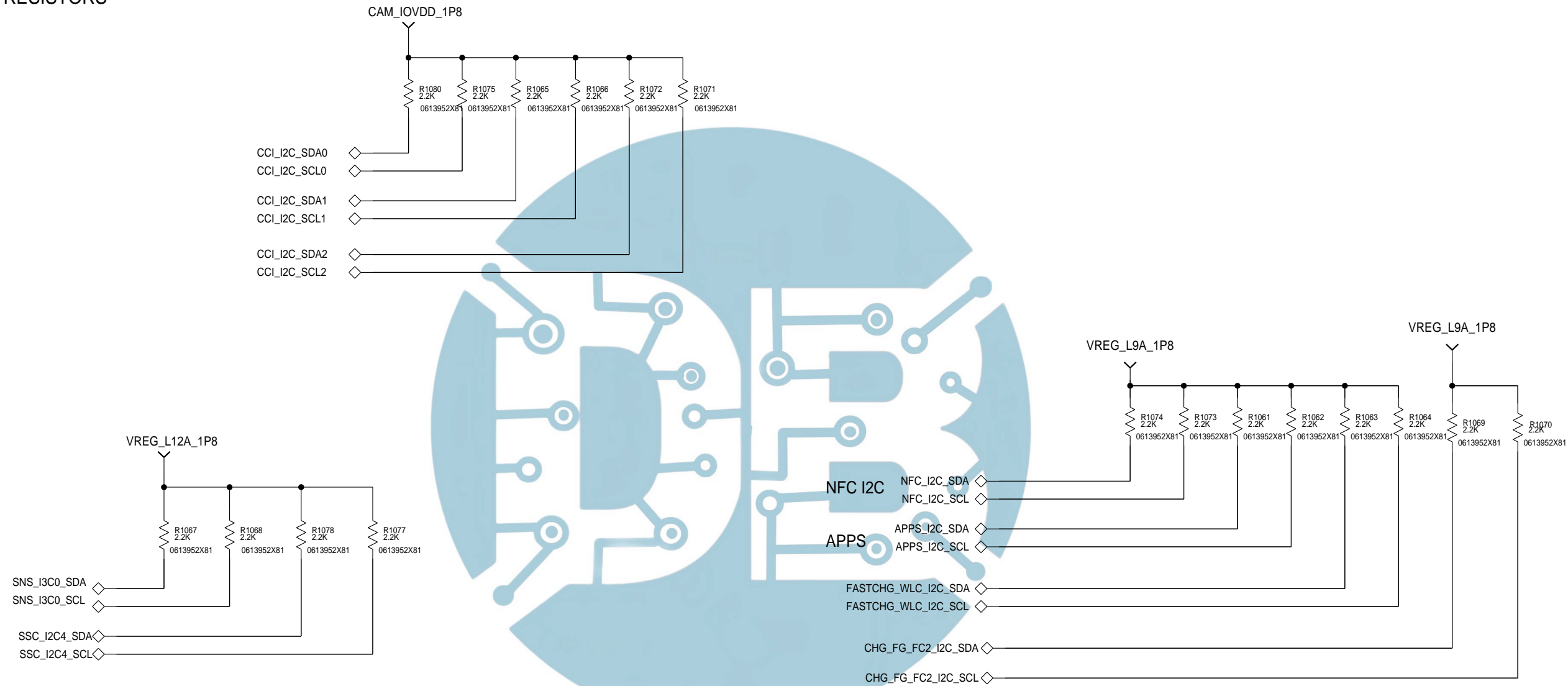



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ENGINEER:		BLOCK TITLE:	
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Fri May 06 10:00:29 2022			
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		REV 01	
		PAGE 5 OF 80	

SM6375: I2C RESISTORS

REF: 1061-1090

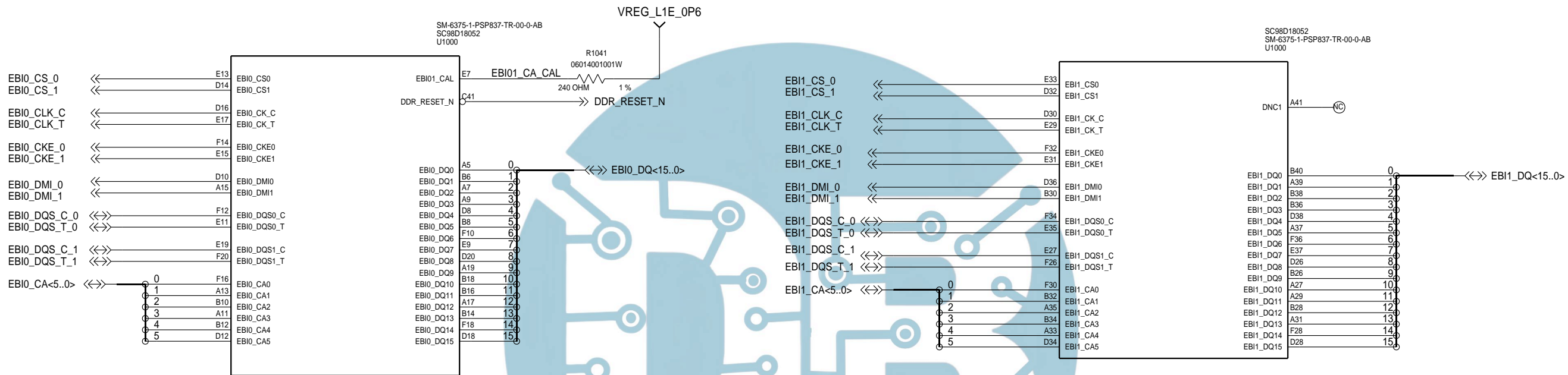
I2C PULL-UP RESISTORS



APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER:		BLOCK TITLE:	
LAST MODIFIED BY: MOTOLOLA Fri May 06 10:00:29 2022		ap_pmic	
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		B miami_mb_c_20220624.cpm	REV 01
		CAD FILE NAME:	
		PAGE 6 OF 80	

SM6375: EBI0_1

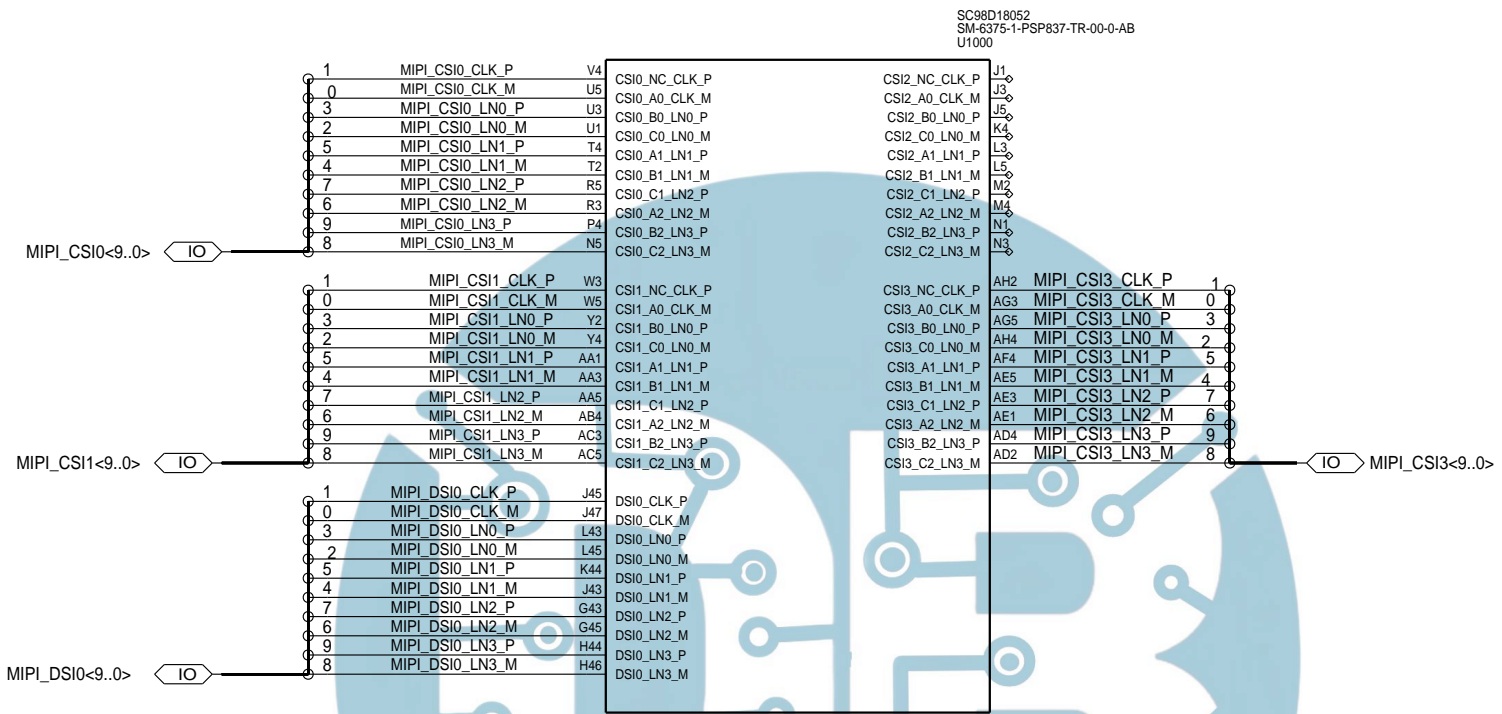
REF 1041-1050



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MOTOROLA CONFIDENTIAL RESTRICTED <small>THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION</small>		PROJECT NAME B miami_mb_c_20220624.cpm CAD FILE NAME:	
		REV 01 PAGE 7 OF 80	

SM6375: MIPI

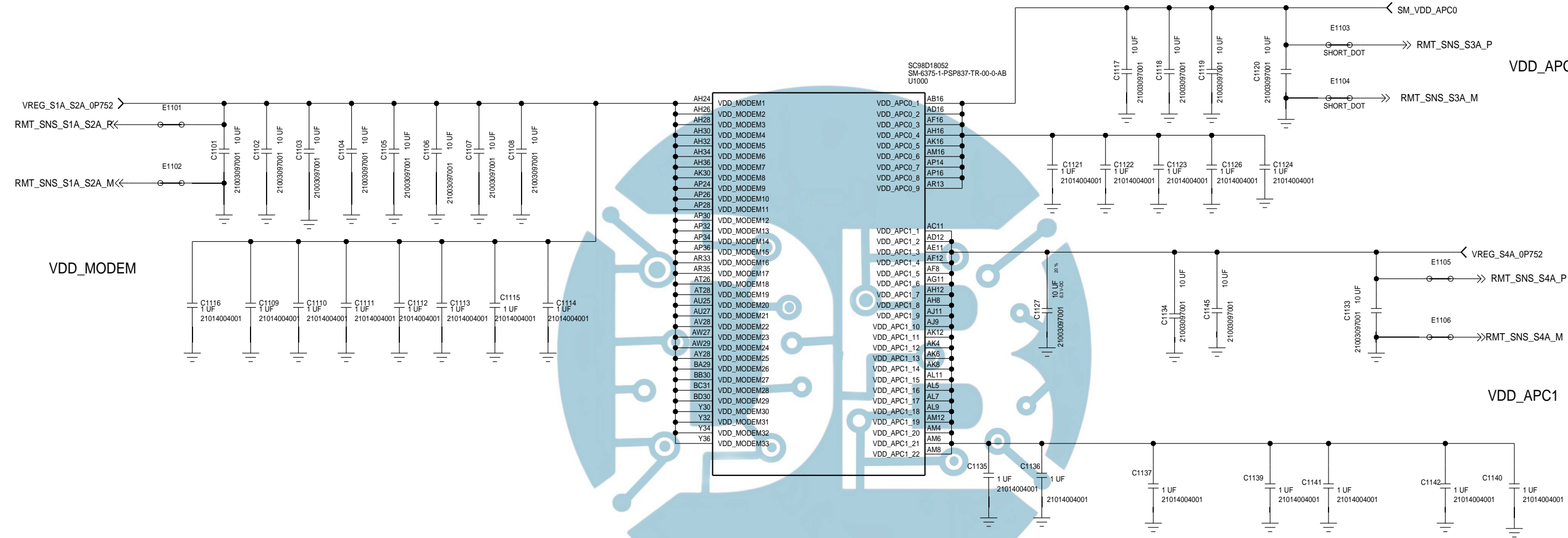
REF 1051-1060




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MOTOROLA CONFIDENTIAL RESTRICTED <small>THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION</small>		PROJECT NAME B miami_mb_c_20220624.cpm CAD FILE NAME:	
		REV 01 PAGE 8 OF 80	

SM6375: POWER1

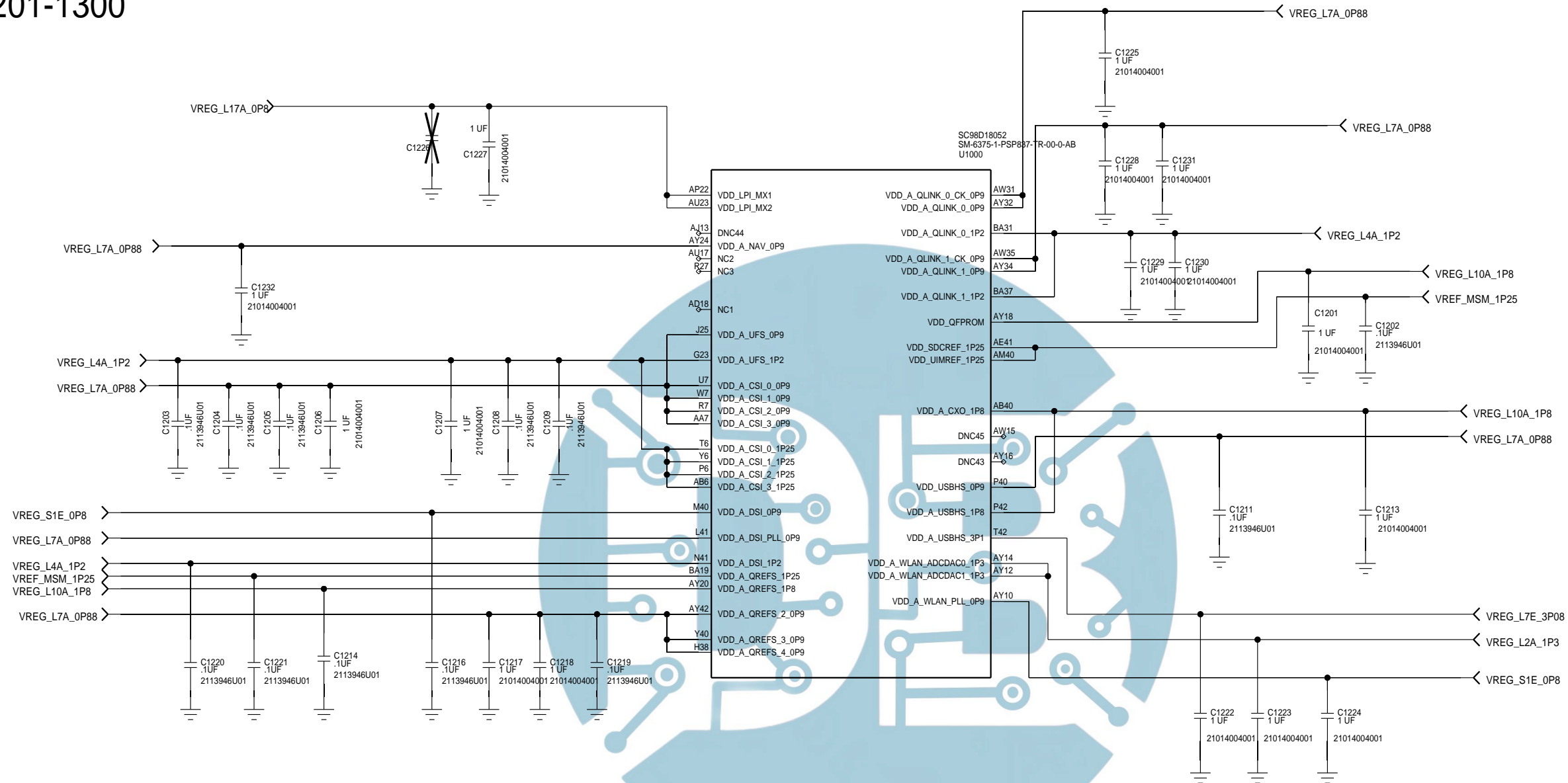
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		B miami_mb_c_20220624.cpm	01
		CAD FILE NAME:	PAGE 9 OF 80

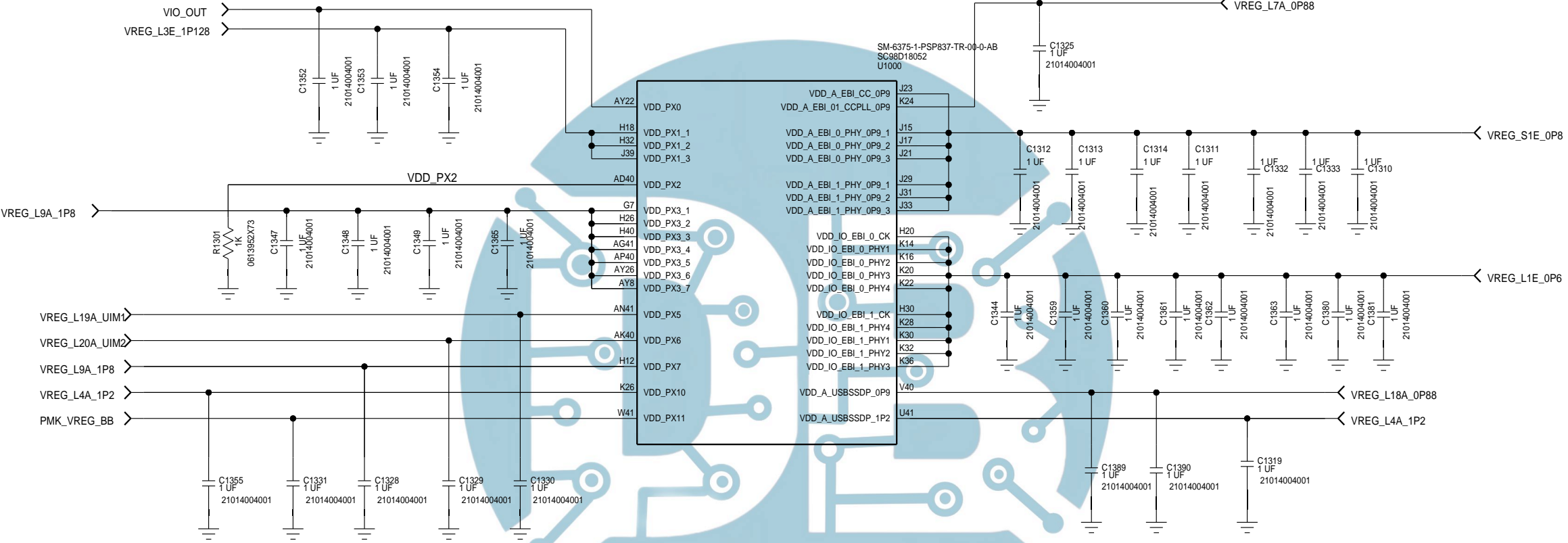
PAGE 10 OF 80


SM6375: POWER3



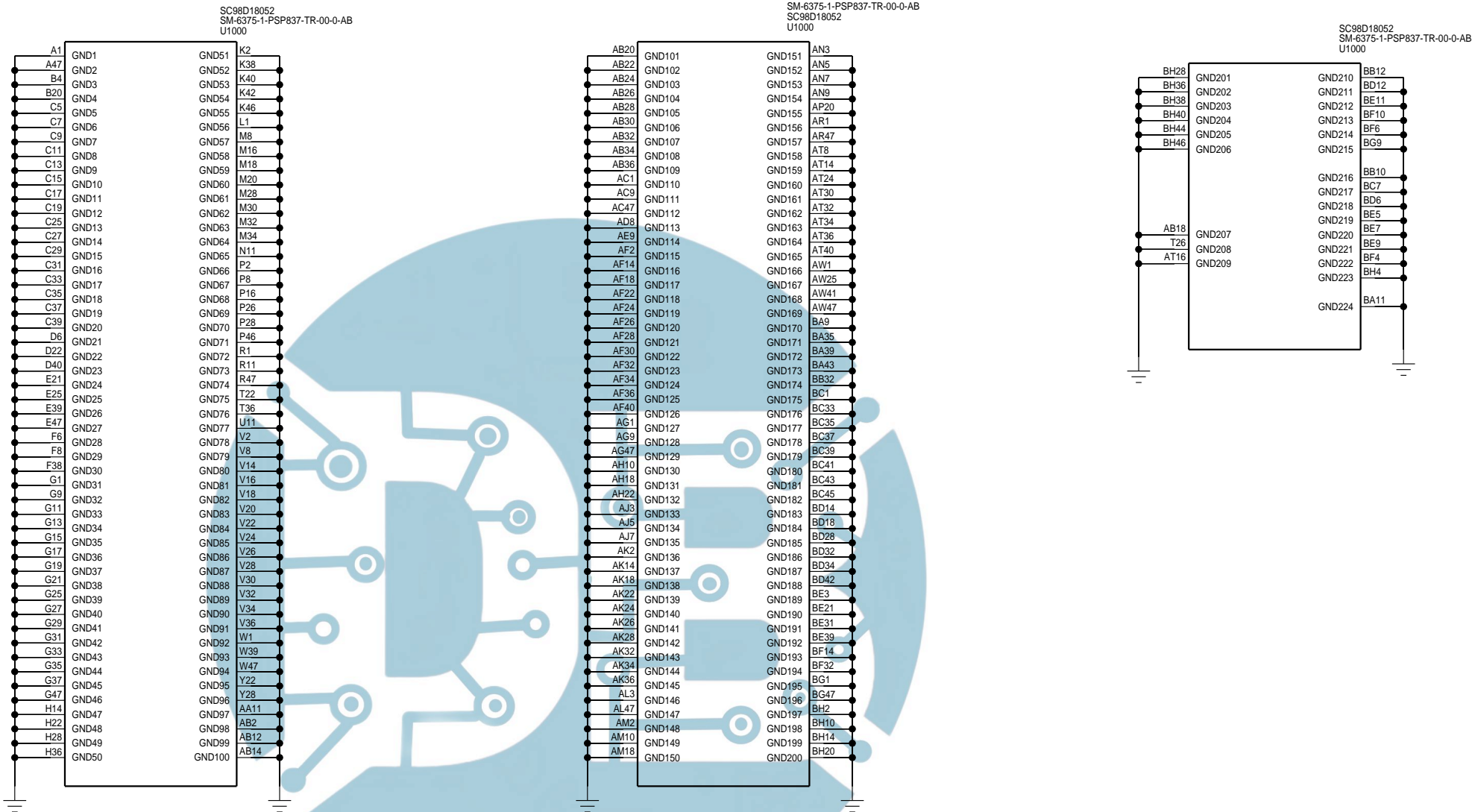
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LAST MODIFIED BY: MOTOLOLA Fri May 06 10:00:32 2022			
MOTOROLA CONFIDENTIAL RESTRICTED <hr/> THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION		B PROJECT NAME miami_mb_c_20220624.cpm	REV 01
		CAD FILE NAME:	PAGE 11 OF 80


SM6375: POWER4
REF 1301-1390



APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER:		BLOCK TITLE:	
LAST MODIFIED BY: MOTOLOLA Fri May 06 10:00:33 2022		ap_pmic	
MOTOROLA CONFIDENTIAL RESTRICTED <small>THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION</small>		B PROJECT NAME miami_mb_c_20220624.cpm	REV 01
		CAD FILE NAME:	
		PAGE 12 OF 80	

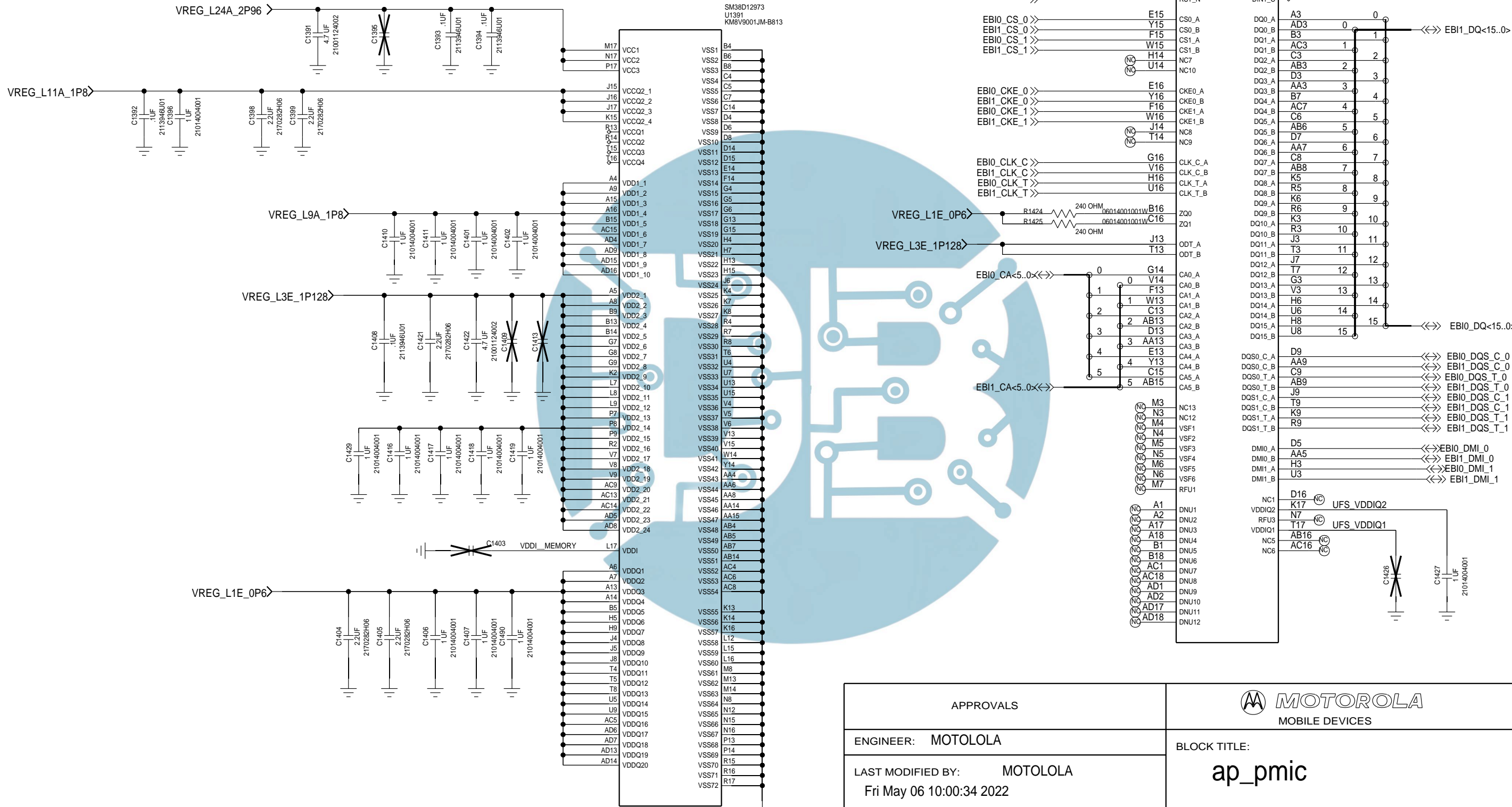
SM6375: GND




APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER:		BLOCK TITLE:	
LAST MODIFIED BY: MOTOLOLA Fri May 06 10:00:33 2022		ap_pmic	
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		CAD FILE NAME: PAGE 13 OF 80	

MEMORY: UMCP

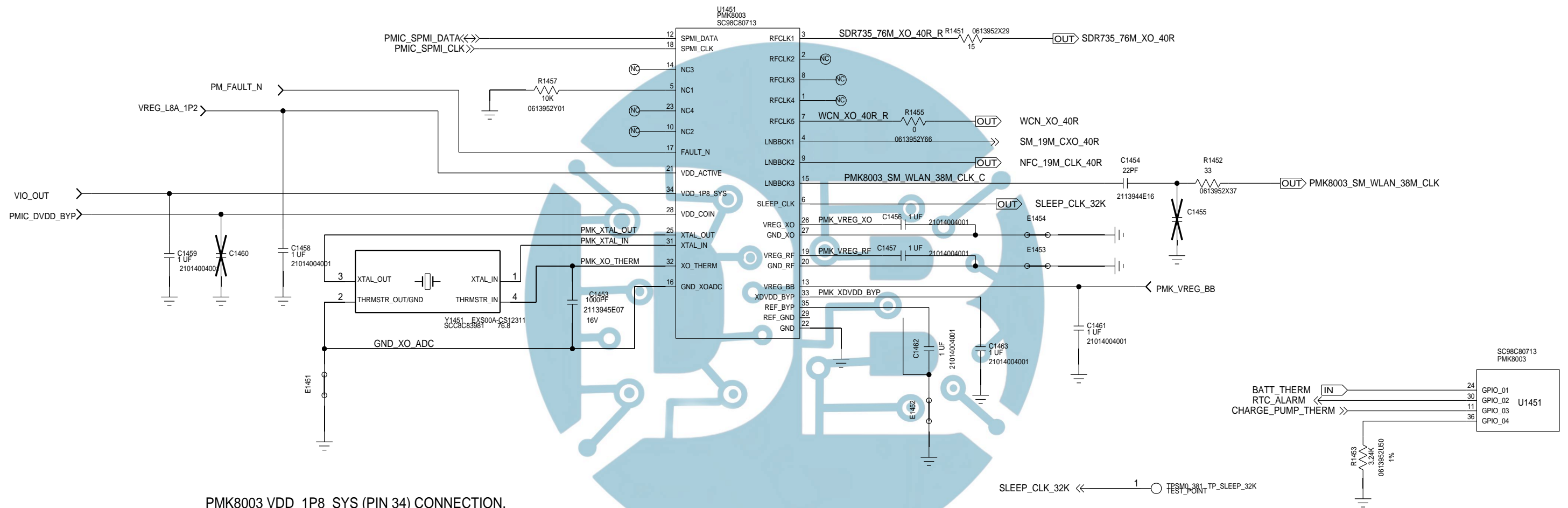
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOLOLA Fri May 06 10:00:34 2022		ap_pmic	
MOTOROLA CONFIDENTIAL RESTRICTED <small>THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION</small>		PROJECT NAME B miami_mb_c_20220624.cpm	REV 01
		CAD FILE NAME:	PAGE 14 OF 80

PMK8003

REF: 1451-1470



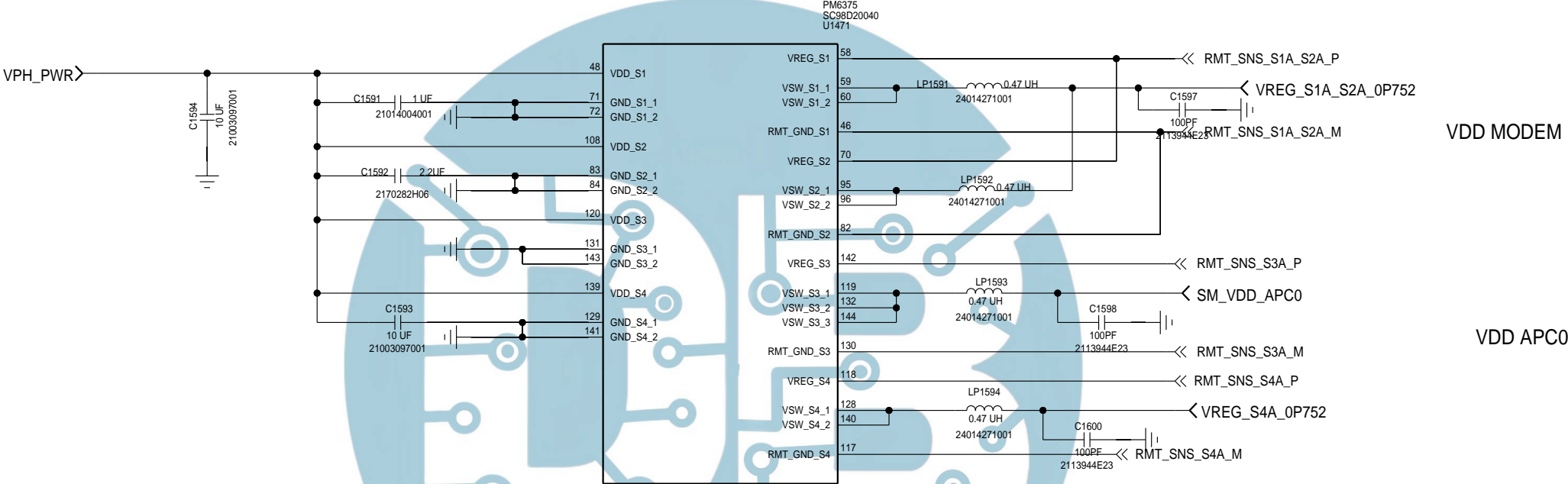
PMK8003 VDD_1P8_SYS (PIN 34) CONNECTION.
ON SM6375 PLATFORM CONNECT TO PM6375 VIO_OUT.
ON SM4350 AC PLATFORM CONNECT TO 1.8 V SUPPLY FROM EXTERNAL LDO


APPROVALS		MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOLOLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOLOLA Fri May 06 10:00:35 2022		ap_pmic	
MOTOROLA CONFIDENTIAL RESTRICTED <small>THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION</small>		PROJECT NAME	
		B miami_mb_c_20220624.cpm	
		CAD FILE NAME:	
		PAGE 15 OF 80	
REV 01			

PM6375: BUCKS1

REF: 1591-1600

CAD NOTE :
ALL THE BUCKS HERE HAS REMOTE DIFF SENSE
VREG_S1/2/3/4 & RMT_GND_S1/2/3/4 SHOULD BE ROUTED AS A DIFFERENTIAL PAIR
DO NOT ROUTE VREG_S1/2/3/4 & RMT_GND_S1/2/3/4 NEAR VIN_S1/2/3/4
DO NOT ROUTE VREG_S1/2/3/4 & RMT_GND_S1/2/3/4 NEAR VSW_S1/2/3/4 UNLESS SEPARATED BY GROUND SHIELD



APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOLOLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOLOLA Fri May 06 10:00:36 2022		ap_pmic	
<div>MOTOROLA CONFIDENTIAL RESTRICTED</div> <div>THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION</div>		PROJECT NAME	
		B miami_mb_c_20220624.cpm	
		REV 01	
		CAD FILE NAME:	
		PAGE 17 OF 80	

D

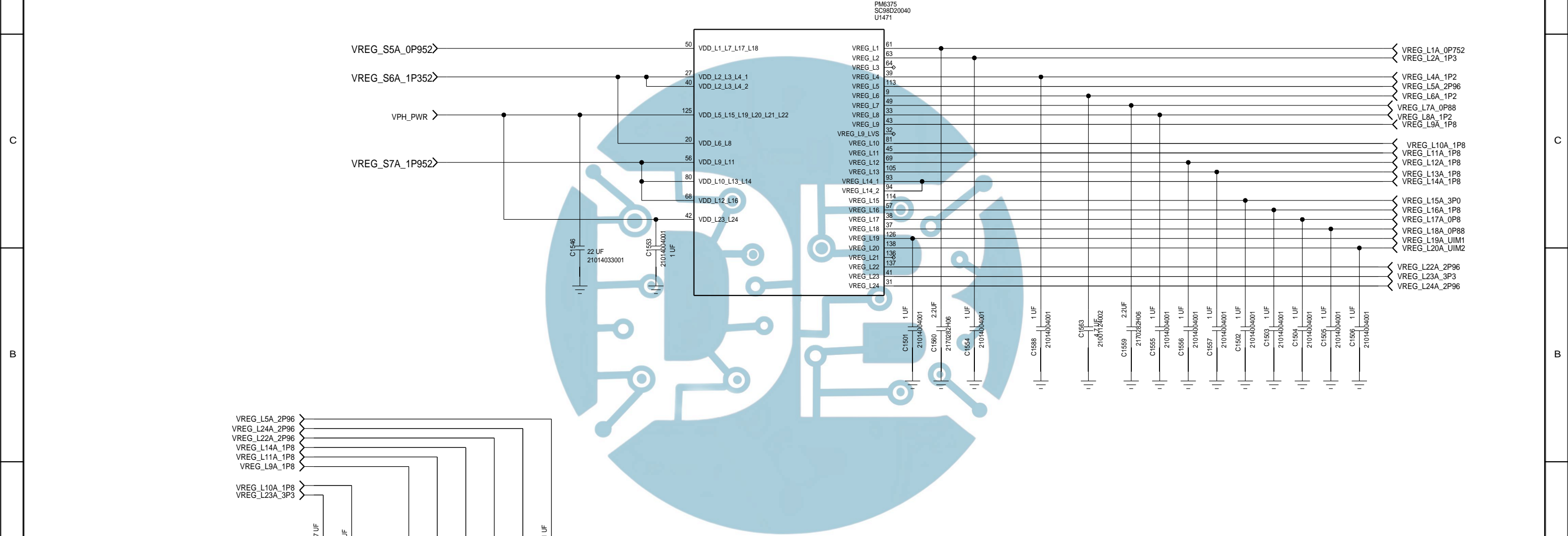



B

A

PM6375: LDOS

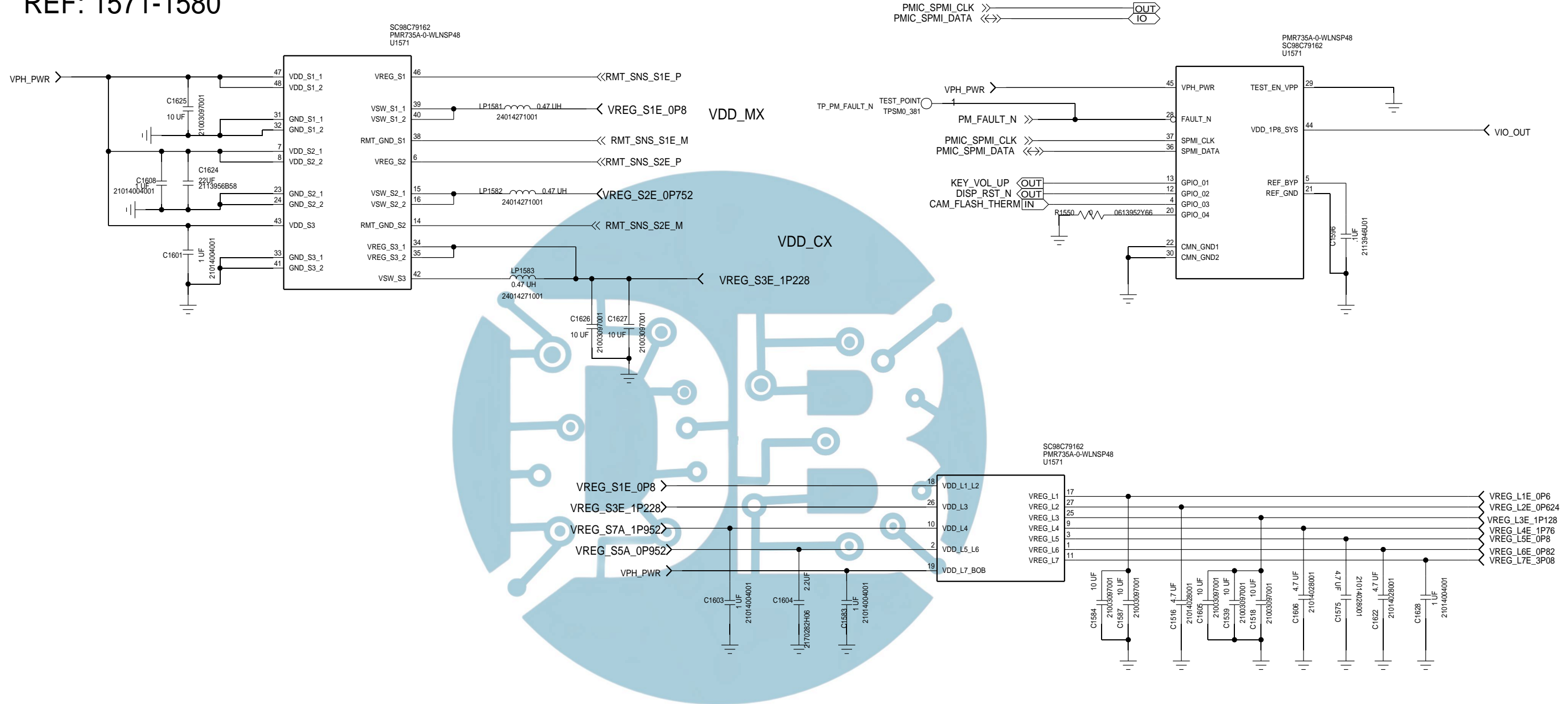
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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		B miami_mb_c_20220624.cpm	
		REV 01	
		CAD FILE NAME:	
		PAGE 19 OF 80	

PMR735A: HK/VREG & BOB

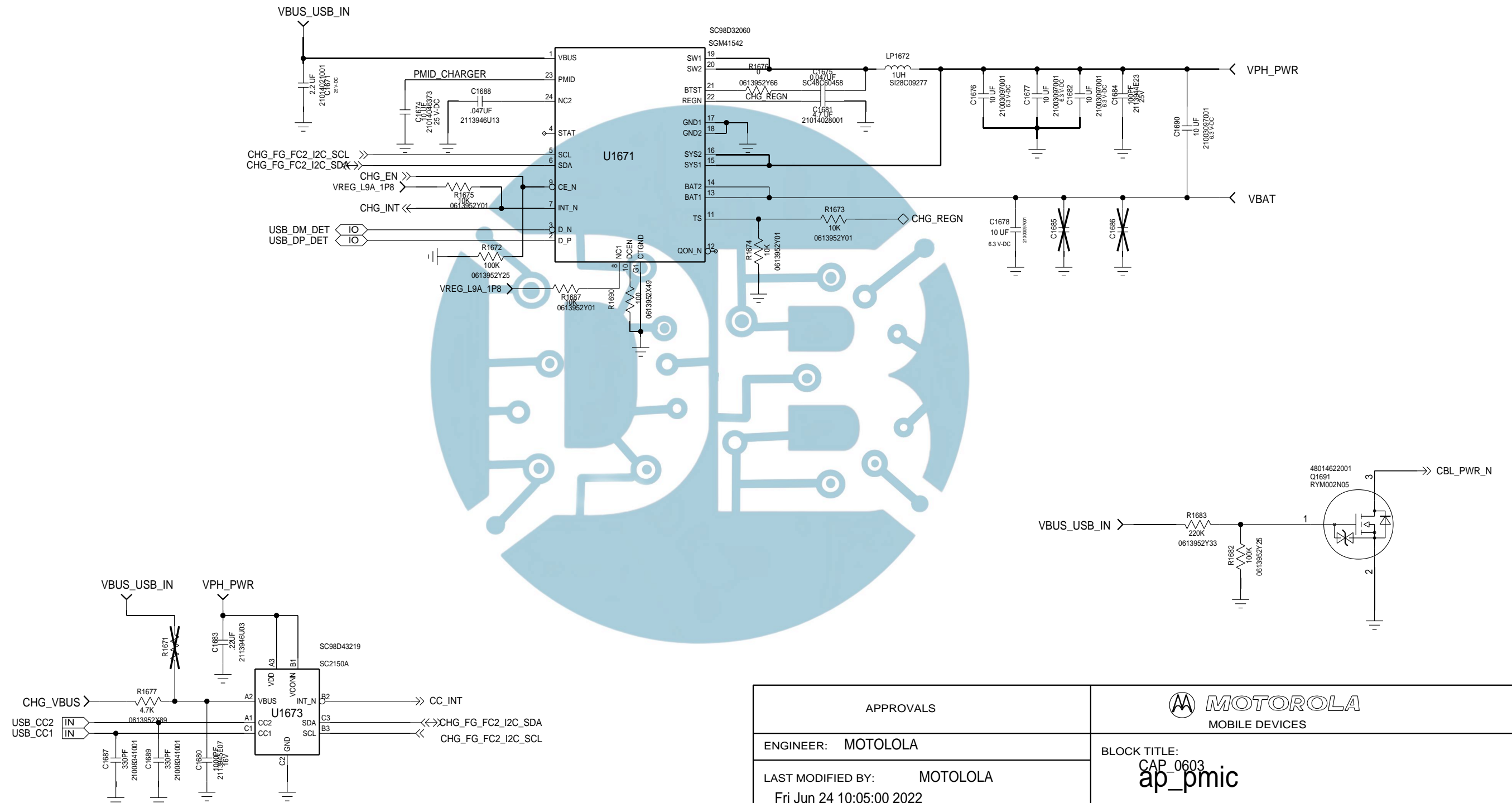
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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MOTOROLA CONFIDENTIAL RESTRICTED <small>THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION</small>		PROJECT NAME B miami_mb_c_20220624.cpm	REV 01
		CAD FILE NAME:	
		PAGE 20 OF 80	

CHARGER&FG

REF: 1671-1690



APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOLOLA	BLOCK TITLE: CAP_0603 ap_pmic		
LAST MODIFIED BY: MOTOLOLA Fri Jun 24 10:05:00 2022			
MOTOROLA CONFIDENTIAL RESTRICTED <hr/> THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION		B PROJECT NAME miami_mb_c_20220624.cpm	REV 01
		CAD FILE NAME:	PAGE 21 OF 80

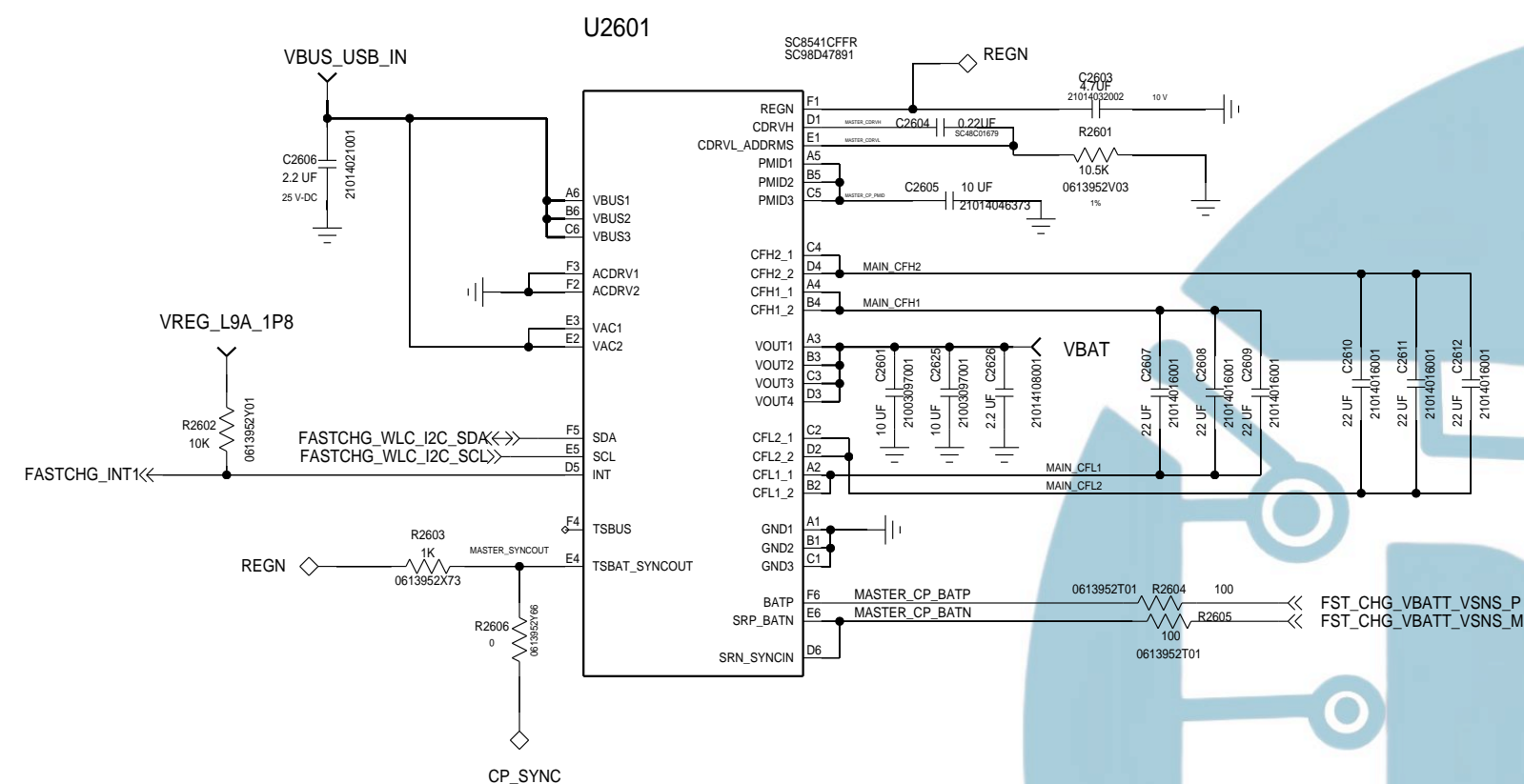
FAST CHARGE /FG

REF:2600 - 2699

REVISIONS				
REV	ECN	DESCRIPTION	MADE BY	APPROVED

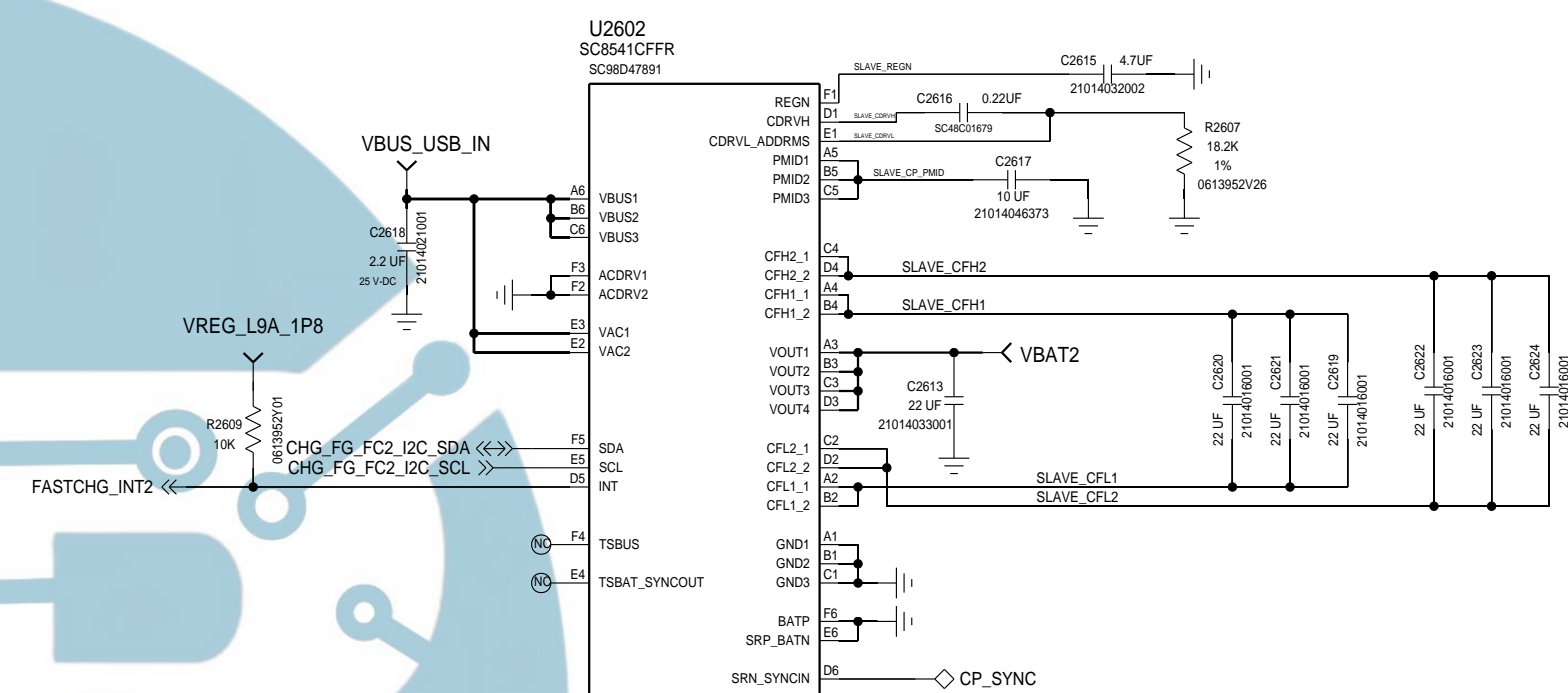
MASTER CHARGE PUMP

I2C ADDRESS: W=0XCAE~ R=0XCF

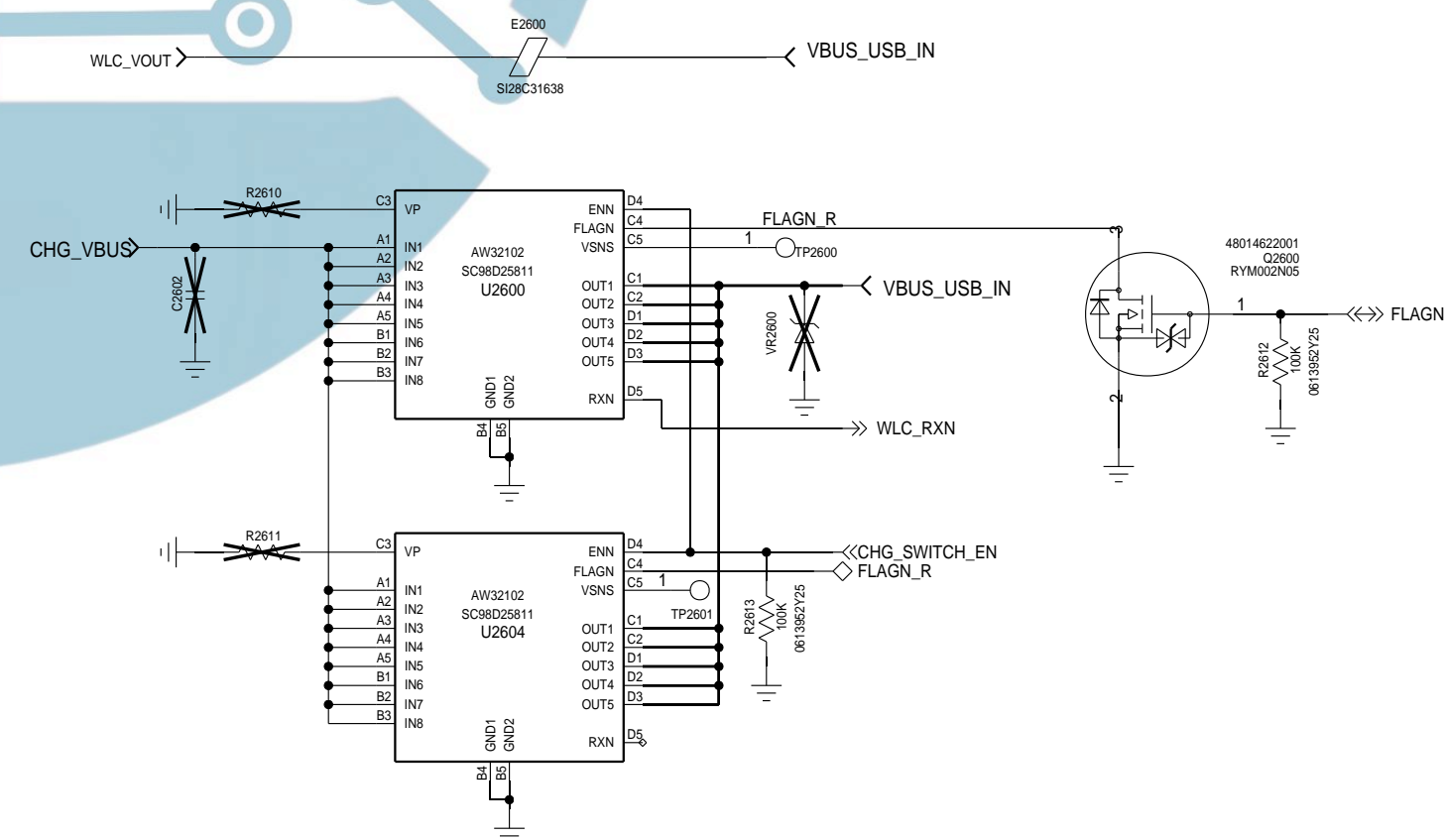
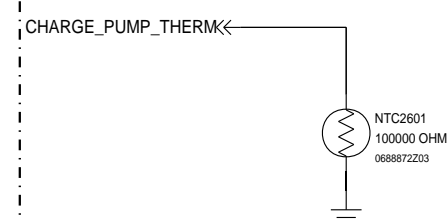


SLAVE CHARGE PUMP

I2C ADDRESS: W=0XCCE~ R=0XCF



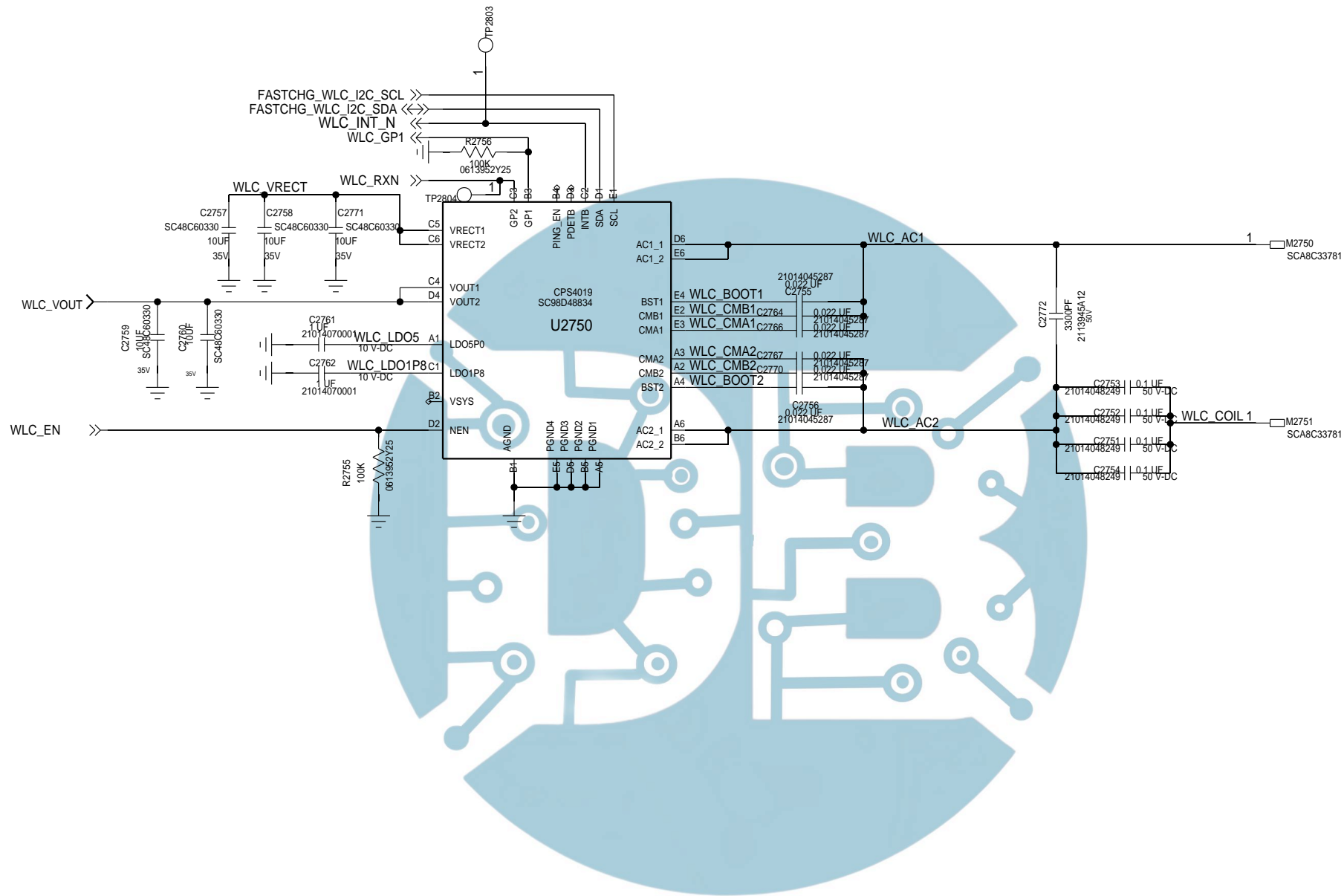
FAST CHARGE NTC




DRAWING NUMBER: 84	DATE:	TITLE:	REV 01
LEAD ENGINEER:	DATE:	SIZE C	
ASSY NUMBER:	PCB FILE NAME:	PAGE 22 OF 80	

WIRELESS CHARGE 5W

REFDES: 2750-2799
I2C ADDR: 0X3B

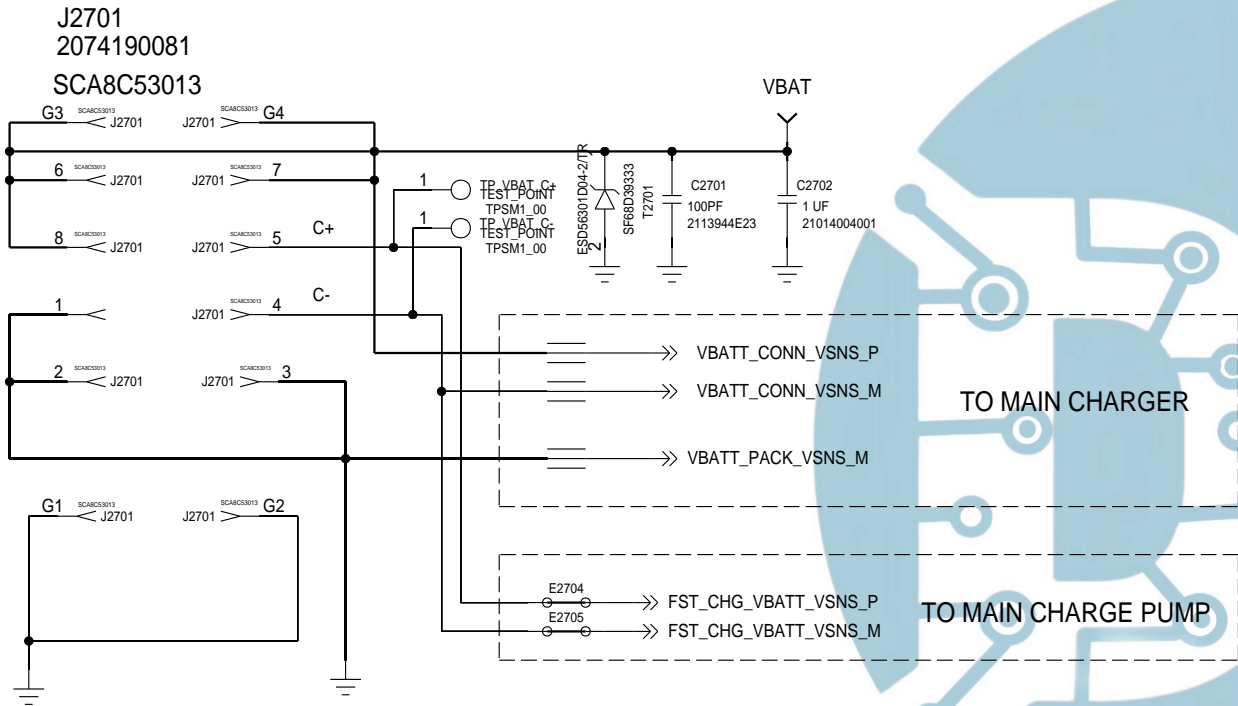


APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Fri May 06 10:00:40 2022		ap_pmic	
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		B miami_mb_c_20220624.cpm	
		REV 01	
		CAD FILE NAME:	
		PAGE 23 OF 80	

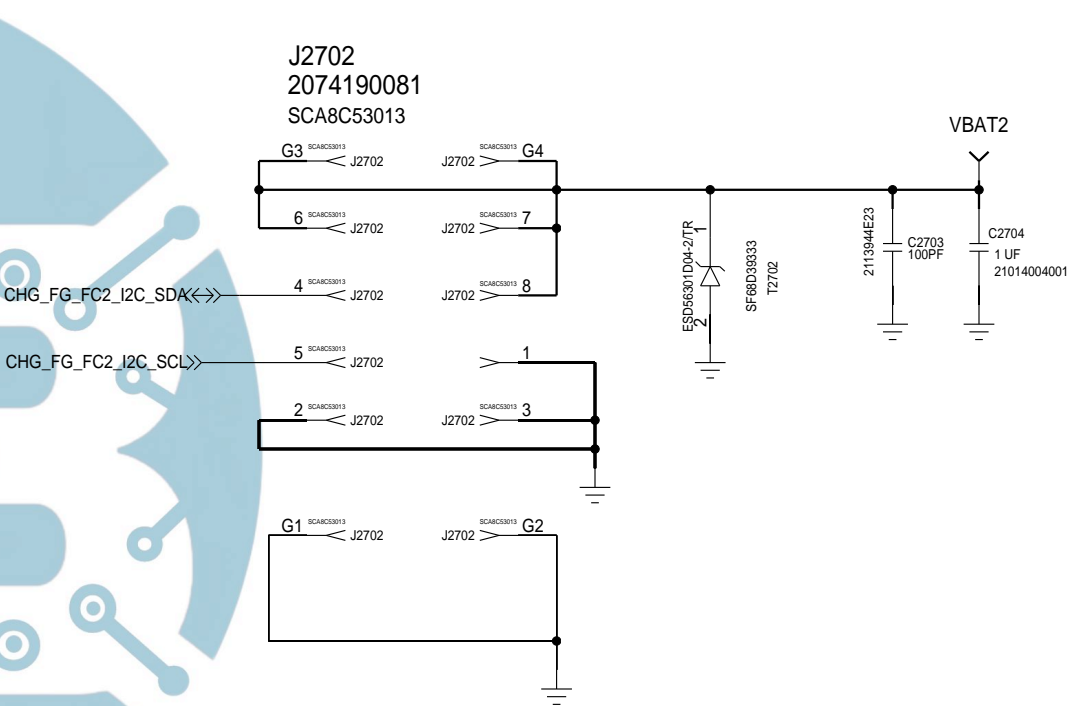
Battery_Conn


REF: 2700-2799

MAIN BATTERY CONN.



SECOND BATTERY CONN.



APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Fri May 06 10:00:40 2022		PROJECT NAME B miami_mb_c_20220624.cpm	
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		CAD FILE NAME: PAGE 24 OF 80	

8	7	6	5	4	3	2	1
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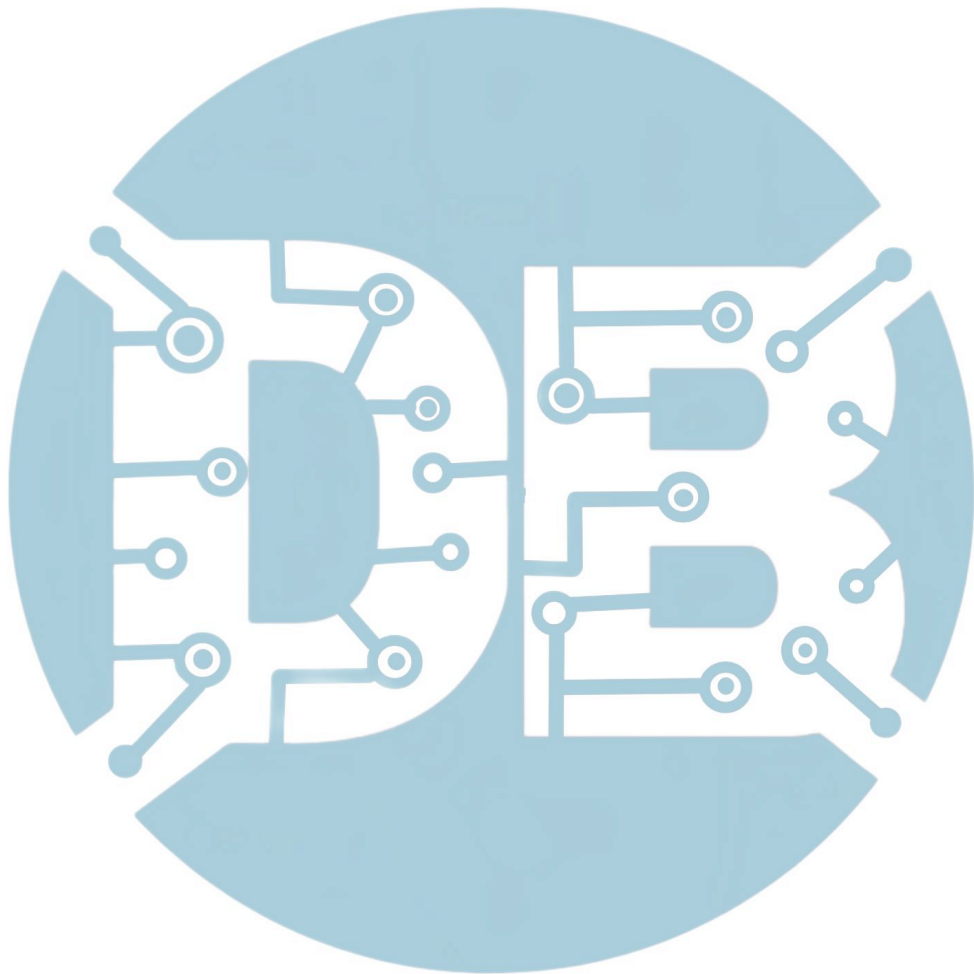
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XMCS: FPS CONNECTOR

REF: 6100-6199

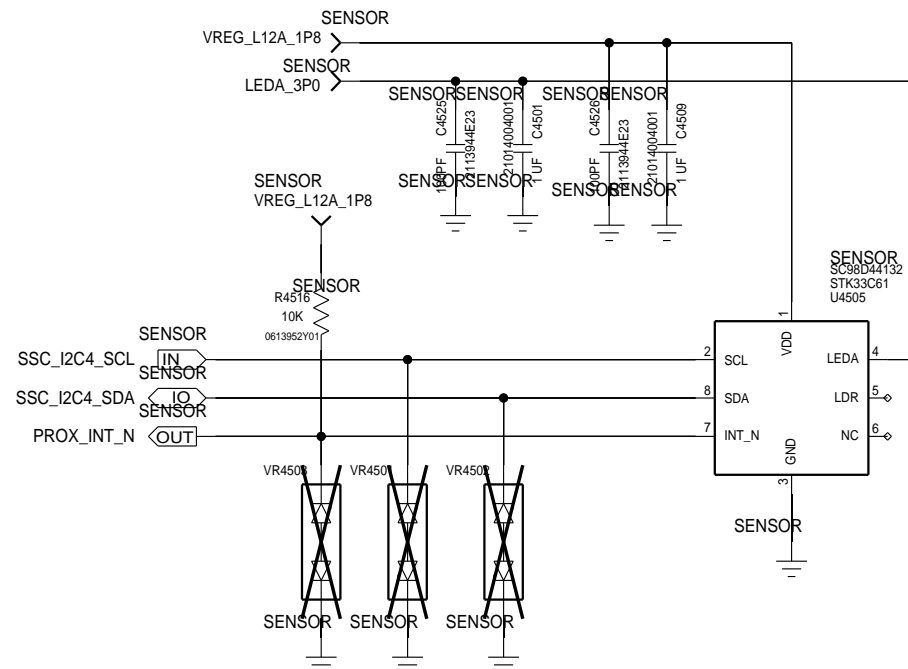


APPROVALS		 MOTOROLA MOBILE DEVICES		
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<div>MOTOROLA CONFIDENTIAL RESTRICTED</div> <div>THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION</div>		PROJECT NAME		REV
		B miami_mb_c_20220624.cpm		01
		CAD FILE NAME:		PAGE 26 OF 80

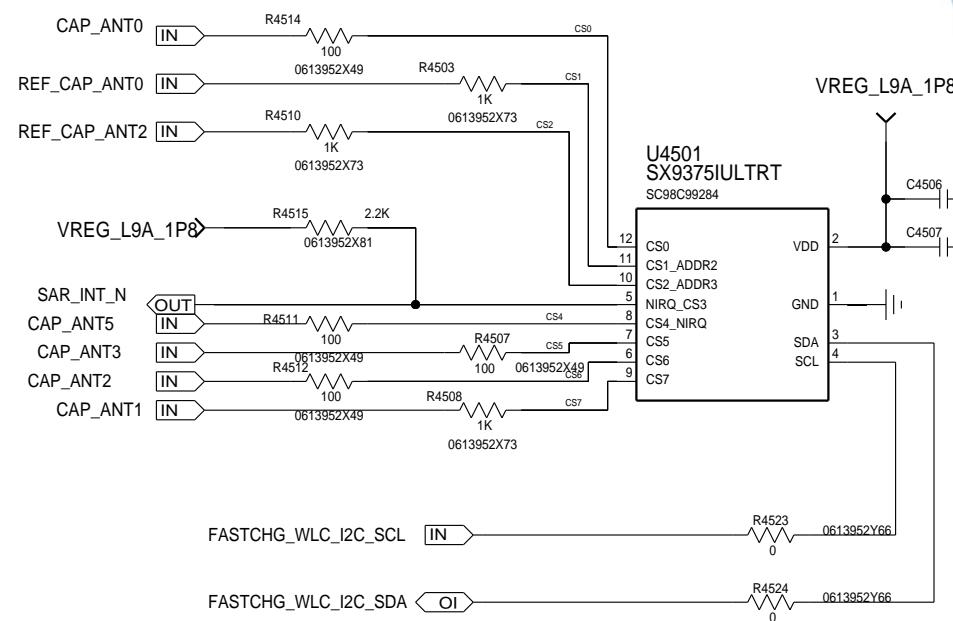
SENSOR XMCS: SENSORS

REF: 4501-4550

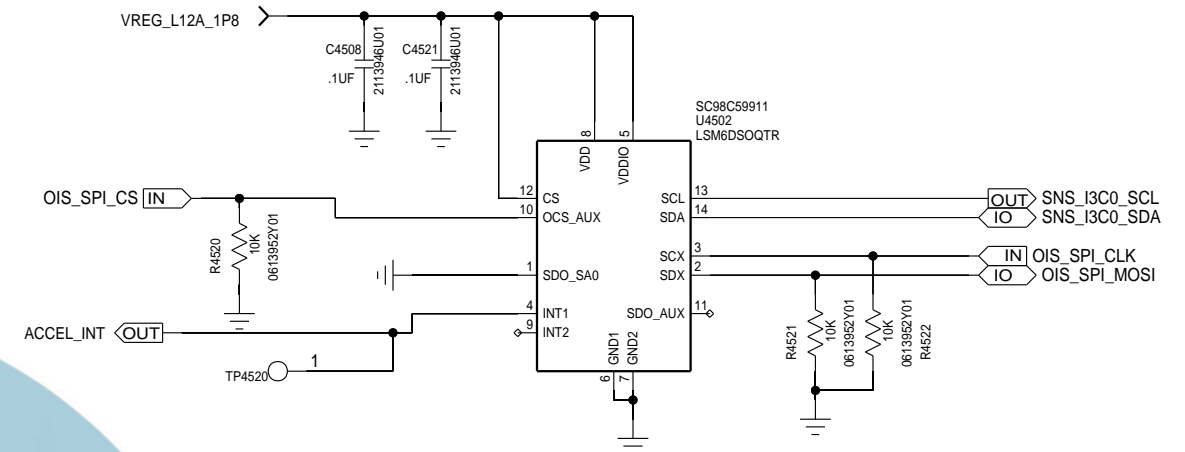
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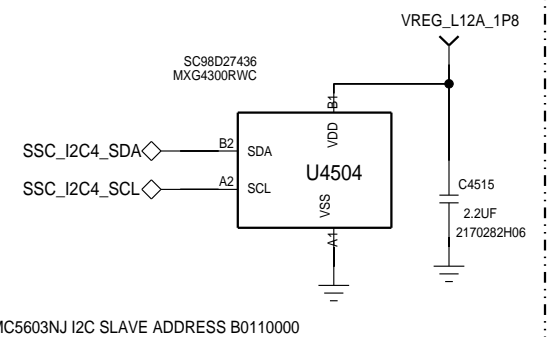
CAP SENSOR




A+G FOR HOST & OIS



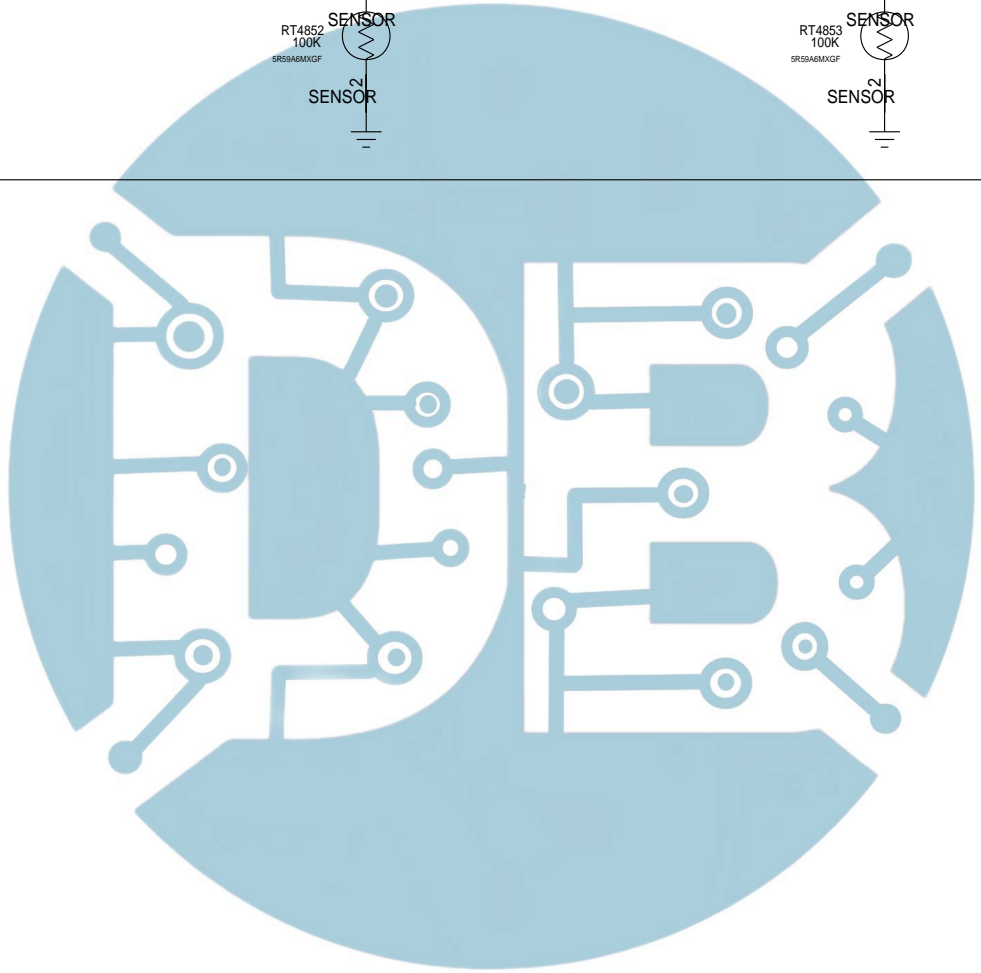
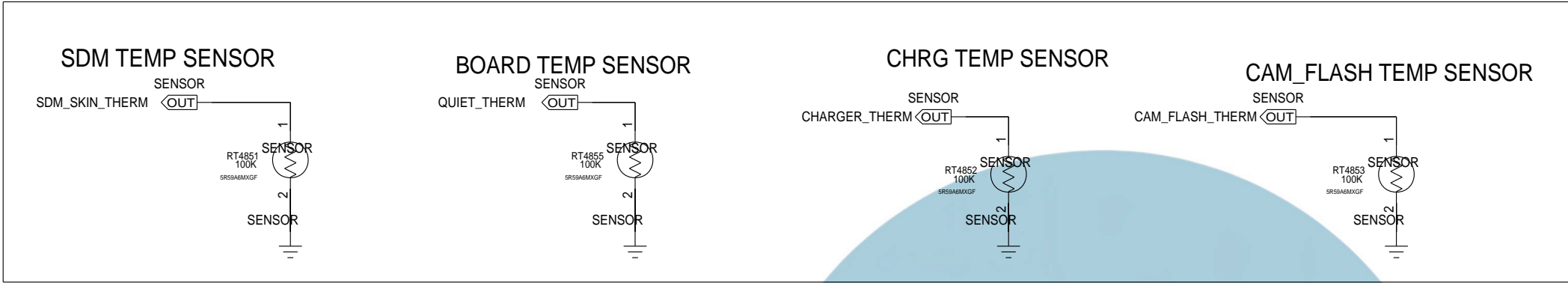
MAGNETOMETER




APPROVALS		 MOTOROLA MOBILE DEVICES	
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		CAD FILE NAME:	PAGE 27 OF 80

XMCS:SENSOR NTC

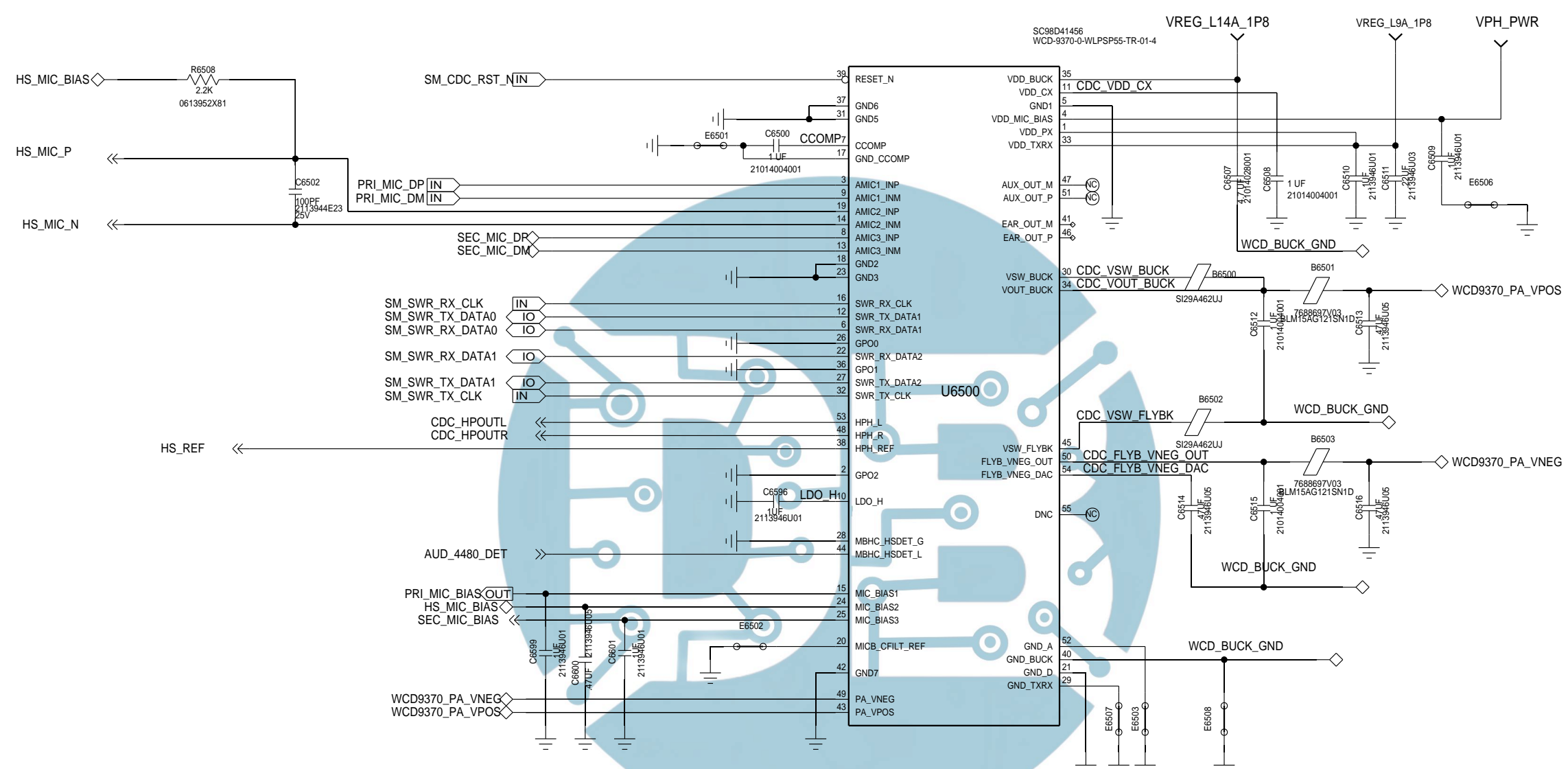
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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		B miami_mb_c_20220624.cpm	
		REV 01	
		CAD FILE NAME:	
		PAGE 28 OF 80	

XMCS:AUDIO CODEC

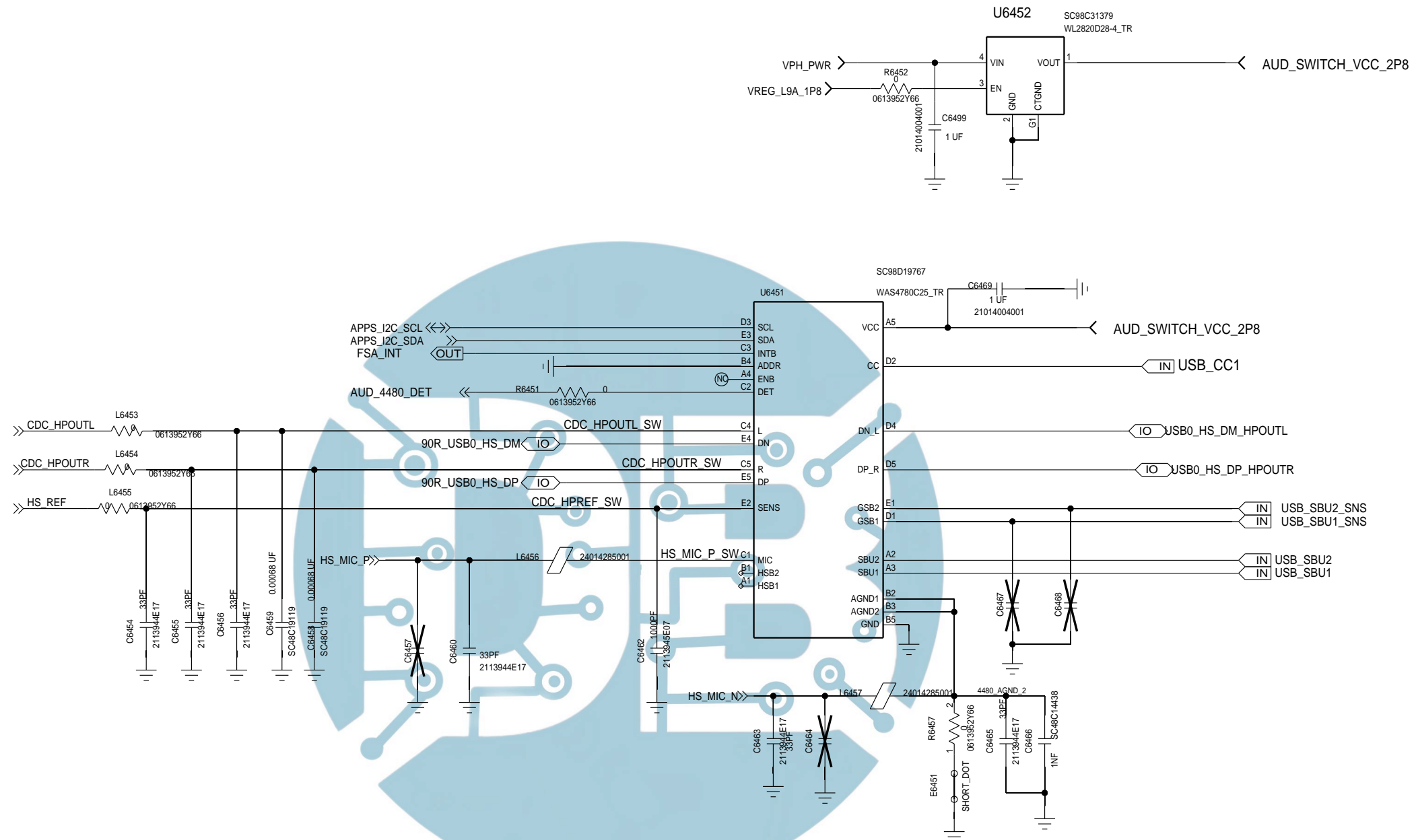
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		CAD FILE NAME:	
		PAGE 29 OF 80	

REFDES: 6451-6499

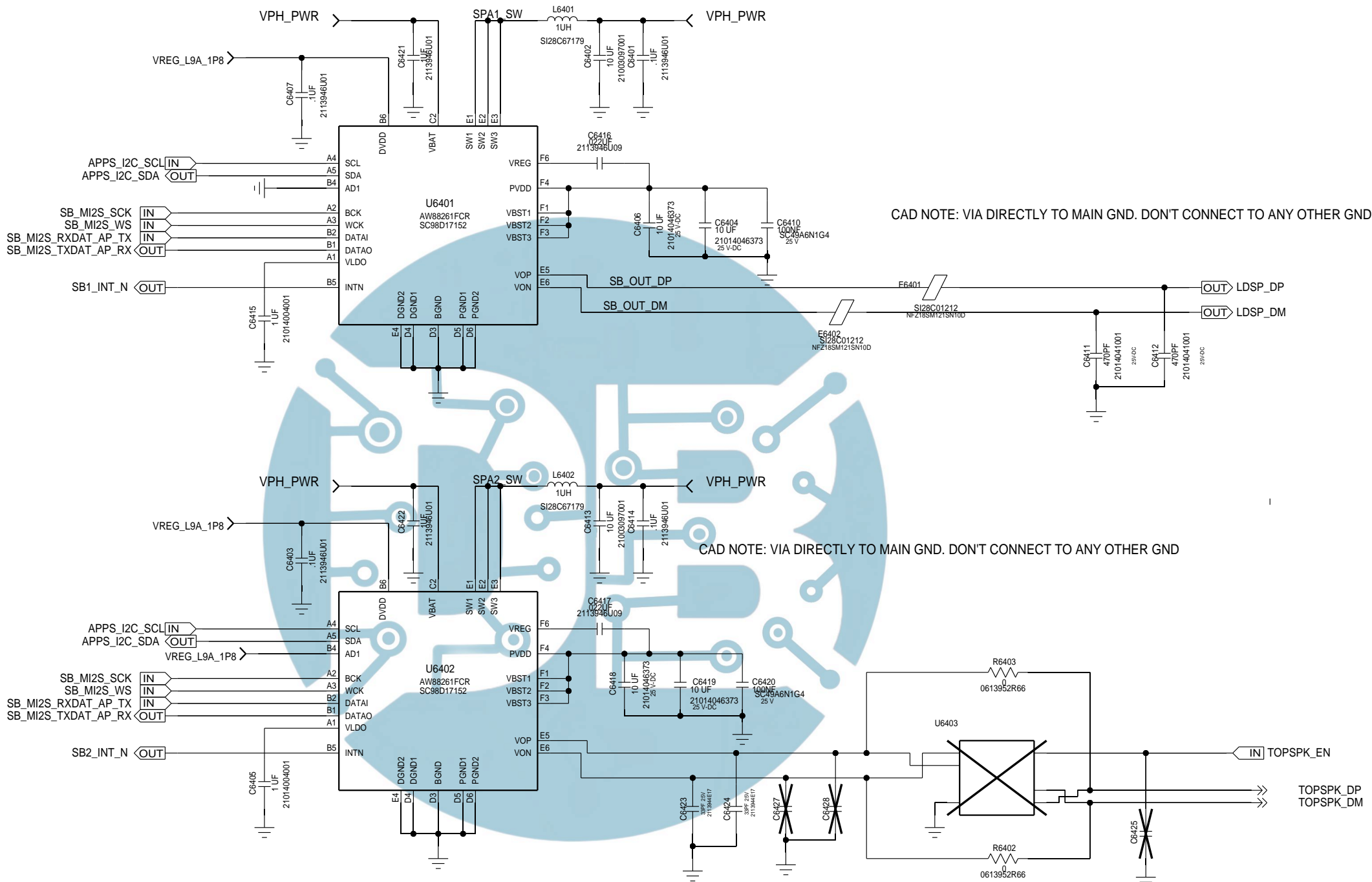
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		CAD FILE NAME:	PAGE 30 OF 80

XMCS: SMART BOOST
REF: 6401--6450

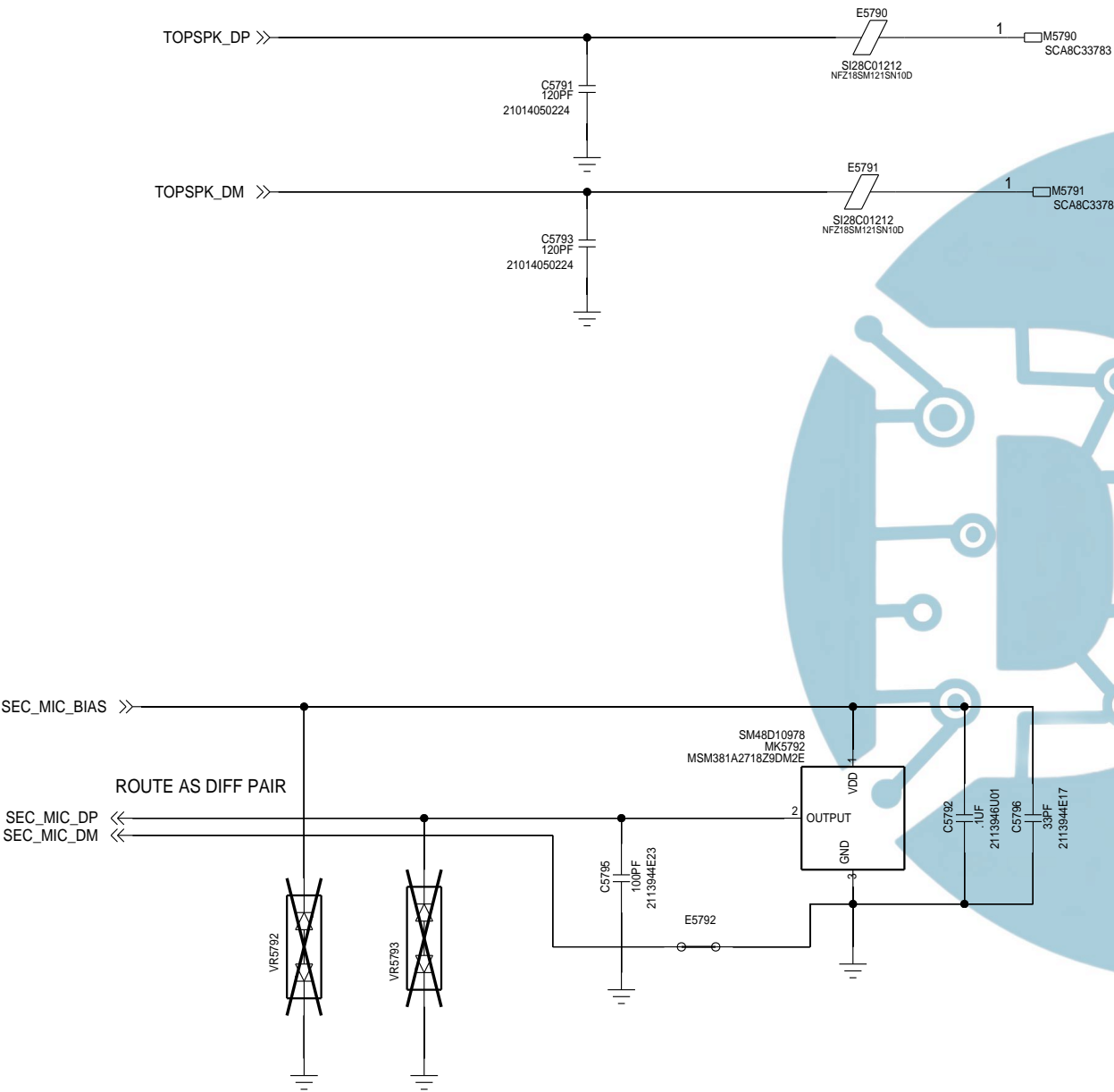
*** BOOST IC I2C ADD. 0X80



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		B miami_mb_c_20220624.cpm	
		REV 01	
		CAD FILE NAME:	
		PAGE 31 OF 80	

AFE: SPEAKERS&MIC
REF:5790-5799

EAR PIECE



APPROVALS		MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOROLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOROLA Fri May 06 10:00:22 2022		xmcs	
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		B miami_mb_c_20220624.cpm	
		REV 01	
		CAD FILE NAME:	
		PAGE 32 OF 80	

8

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2

1

UI: SIDE KEY

REF:2631 - 2640

D

C

B

A

M2631
SCA8C33783

M2632
SCA8C33783

M2633
SCA8C33783

M2634
SCA8C33783

PWR_KEY

VR2631

VR2632

VR2634

RESIN_N_CON

R2631

0613952X73

OUT

PM_RESIN_N

KEY_VOL_UP_CON

R2632

0613952Y66

OUT

KEY_VOL_UP

R2633

0613952X73

OUT

PHONE_ON_N

TP_PWR_KEY

IN

APPROVALS	MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOLOLA Fri May 06 10:00:18 2022		
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1

UI: SIDE KEY

REF:2631 - 2640

D

C

B

A

The schematic diagram illustrates the UI Side Key circuit. It features a power key (PWR_KEY) connected to a network of resistors (R2631, R2632, R2633) and capacitors (M2631, M2632, M2633, M2634). The circuit is connected to a resin network (RESIN_N_CON) and a key volume up network (KEY_VOL_UP_CON). The output signals are PM_RESIN_N, KEY_VOL_UP, and PHONE_ON_N. The input signal is TP_PWR_KEY. The diagram also includes a large blue circular graphic with a circuit board pattern in the background.

APPROVALS		MOTOROLA MOBILE DEVICES	
ENGINEER:	MOTOLOLA	BLOCK TITLE:	
LAST MODIFIED BY:	MOTOLOLA Fri May 06 10:00:18 2022	ui	
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		CAD FILE NAME: PAGE 33 OF 80	

8

7

6

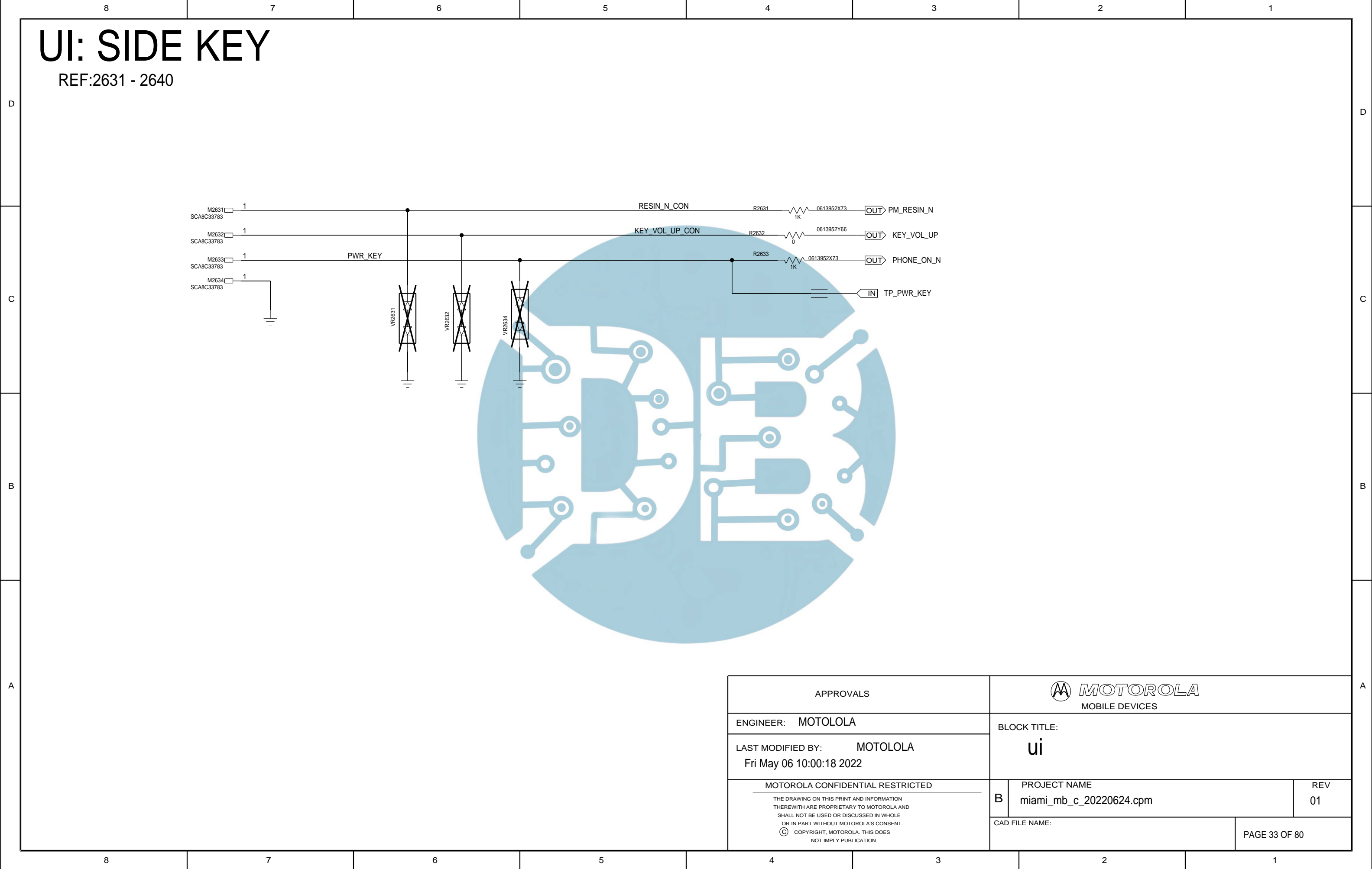
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4

3

2

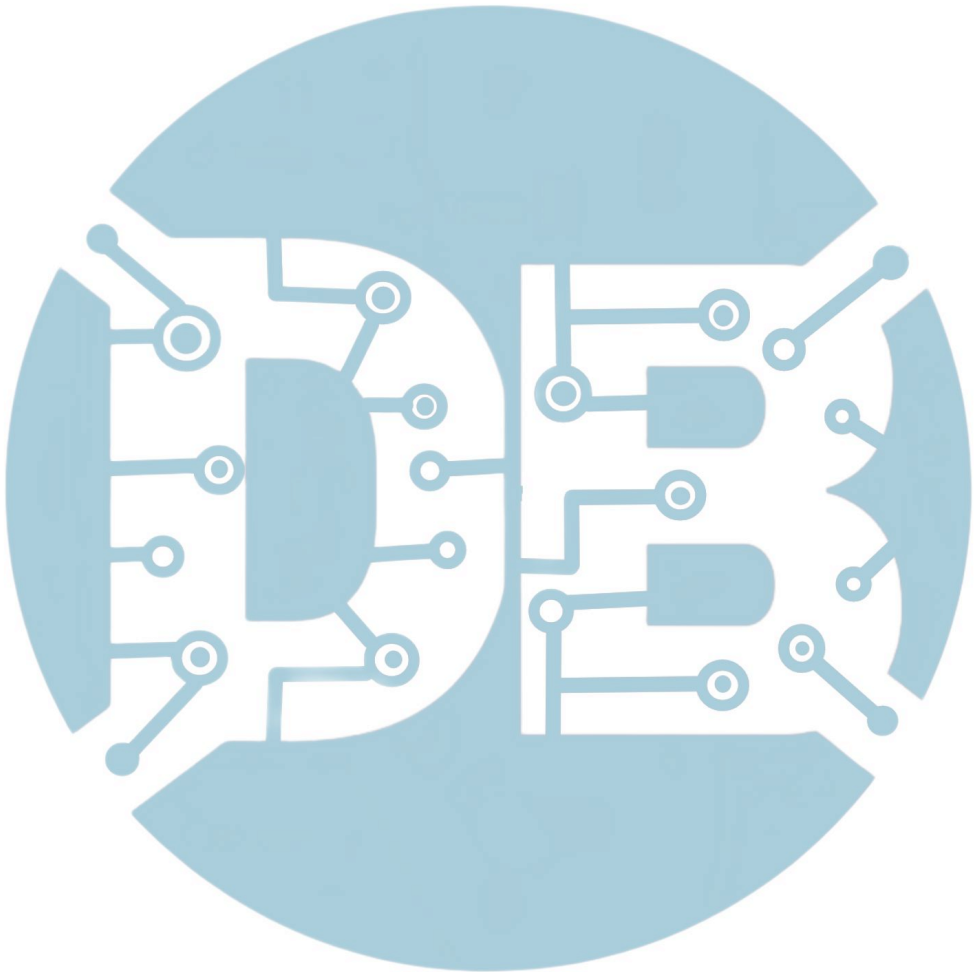
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[illegible]

UI: SIM CARD

REF:2661-2690

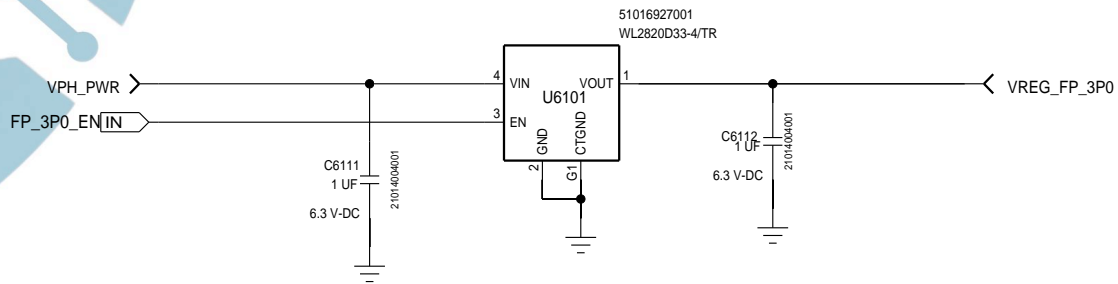
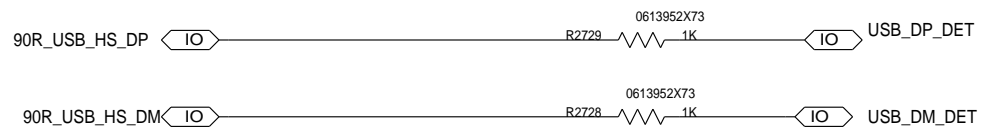
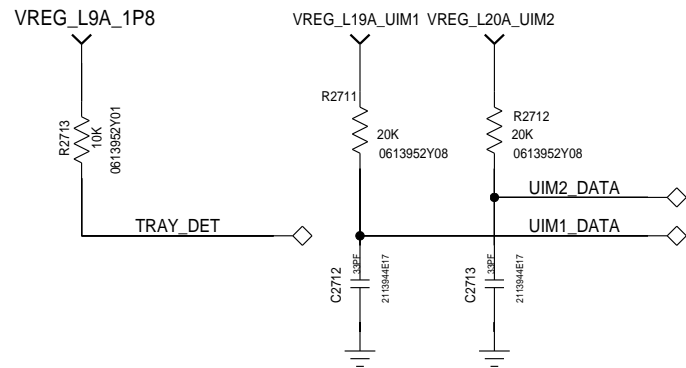
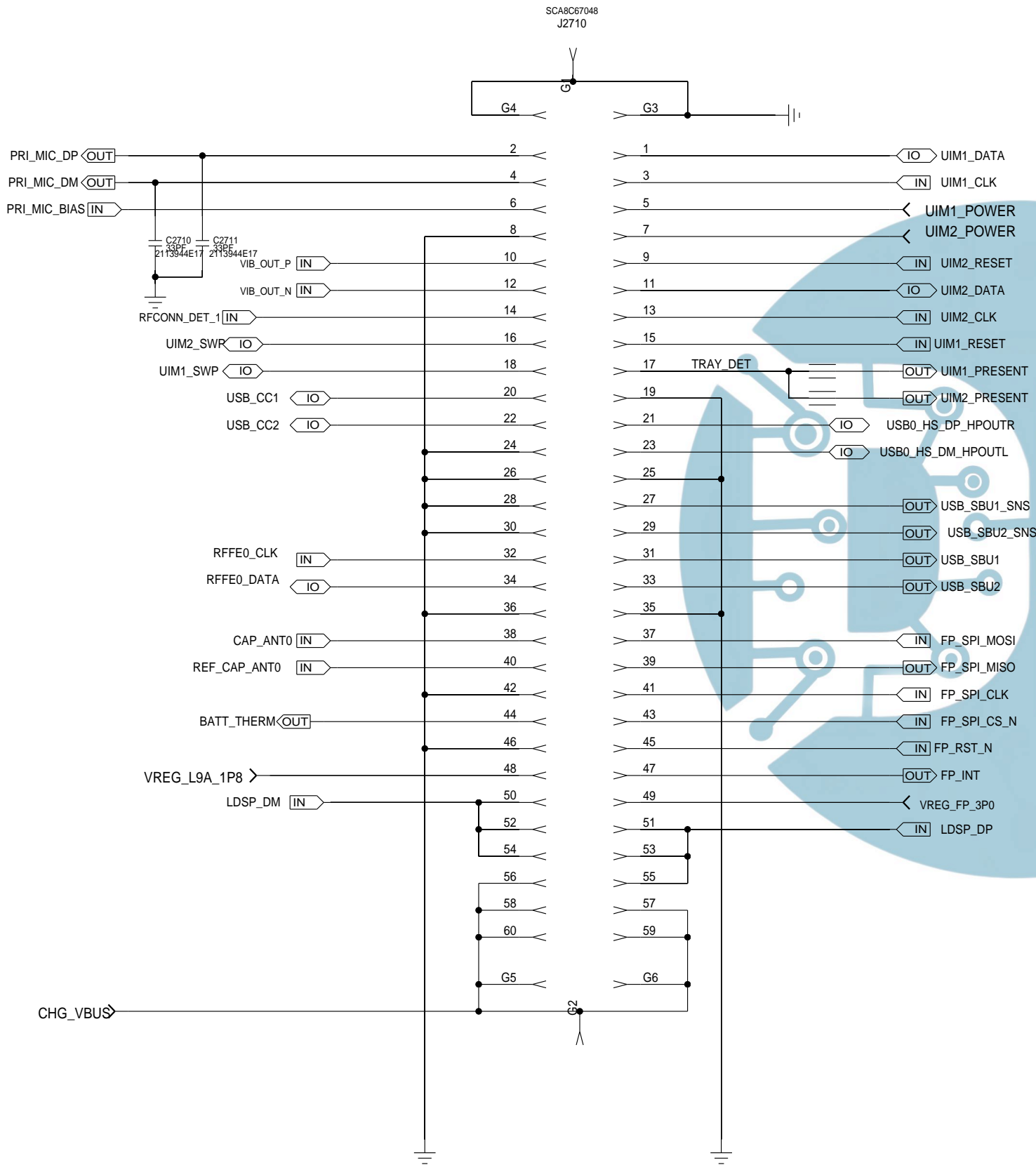
NOTE 1: USE 24.9K PULL-UP TO SUPPORT HOT SWAP WITH FREEZE-IO FEATURE.
NOTE 2: UIM_PWR BYPASS OF 0.33UF RECOMMENDED BY NFC IC SUPPLIER, PLACE NEAR CONNECTOR.




APPROVALS		 MOTOROLA	
MOTOROLA MOBILITY CONFIDENTIAL RESTRICTED-MDB TRACKED TRACKEDANDBLOCKED		MOBILE DEVICES	
ENGINEER: MOTOLOLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOLOLA Tue Jan 18 10:28:19 2022		ui	
MOTOROLA CONFIDENTIAL RESTRICTED		PROJECT NAME	
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		REV 01	
		CAD FILE NAME:	
		PAGE 34 OF 80	

UI: MAIN CONN

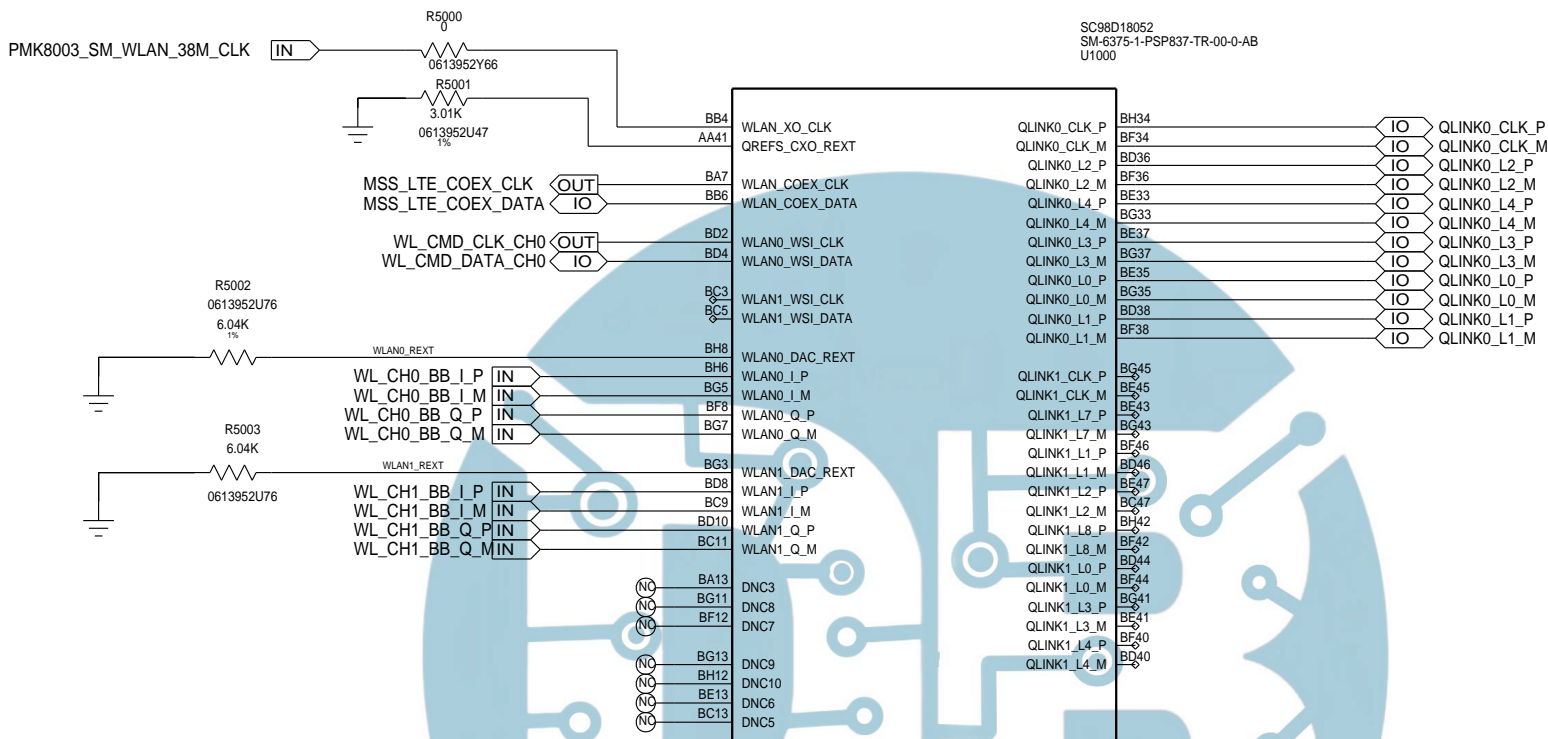
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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		B miami_mb_c_20220624.cpm	
		CAD FILE NAME:	
		REV 01	
		PAGE 35 OF 80	

RF INTERFACE

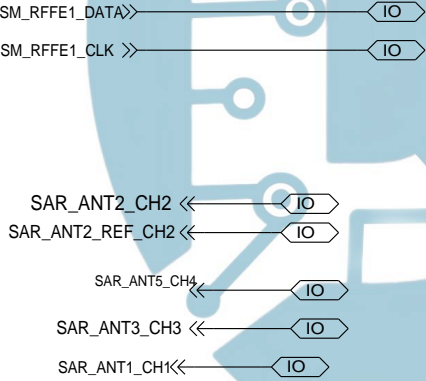
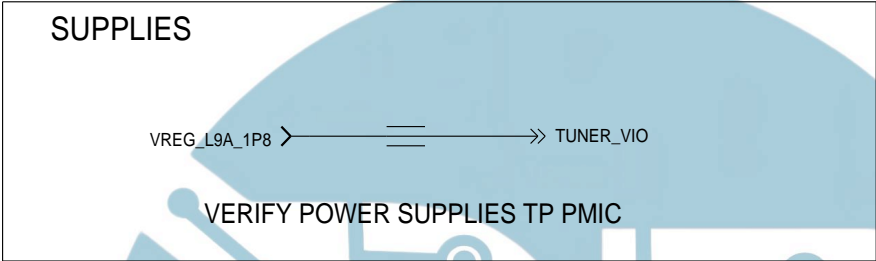
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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		CAD FILE NAME:	
		PAGE 36 OF 80	

ANT: PORTS

REFDES: 000 - 499

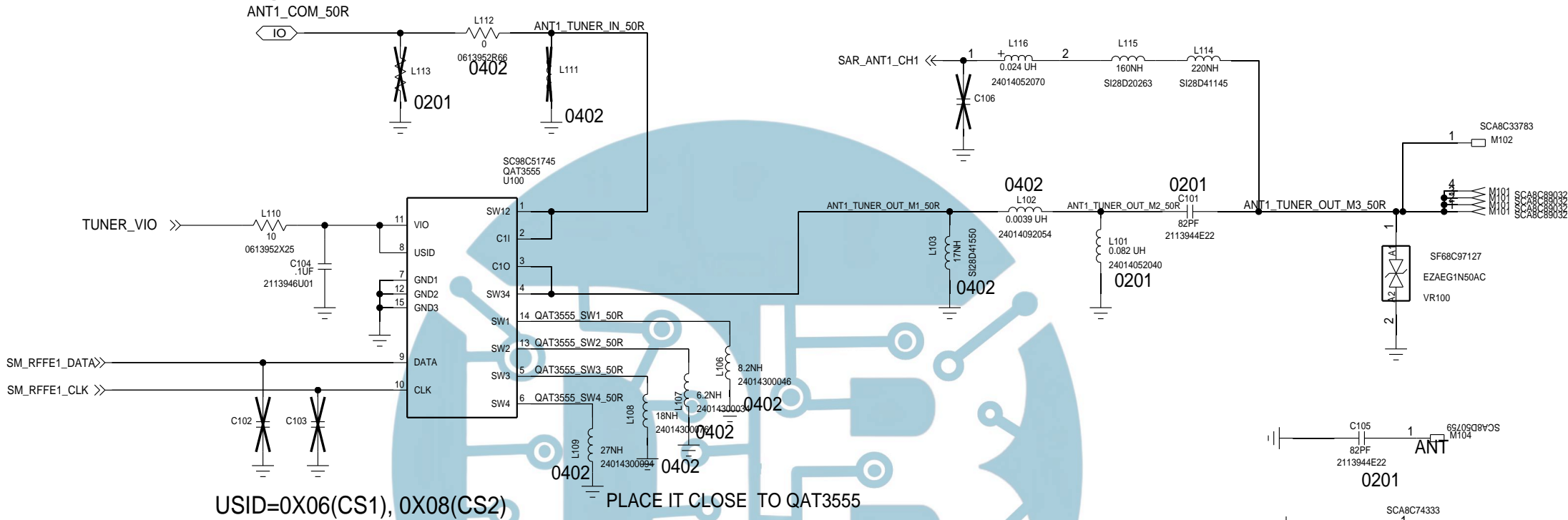


APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Fri May 13 15:37:15 2022		antennas	
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		B miami_mb_c_20220624.cpm	REV 01
		CAD FILE NAME:	
		PAGE 37 OF 80	

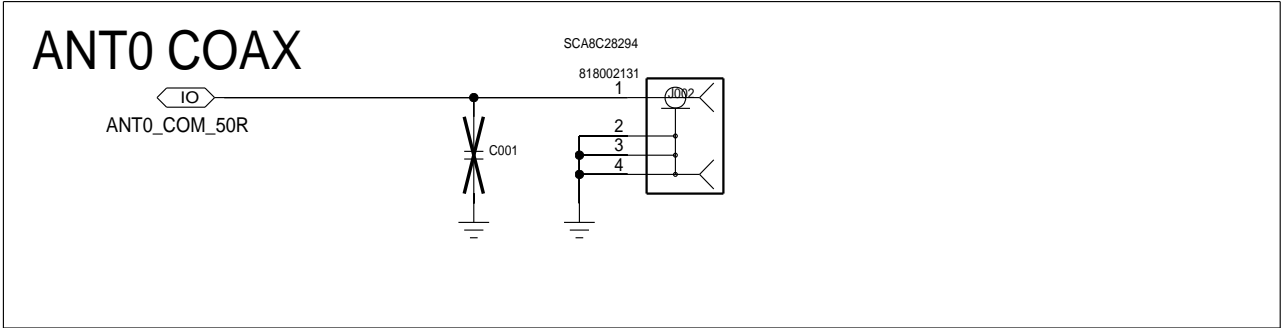
ANT:ANT0_ANT1


REFDES: 101-199

ANT1 LB TRX0 + MHB TRX1



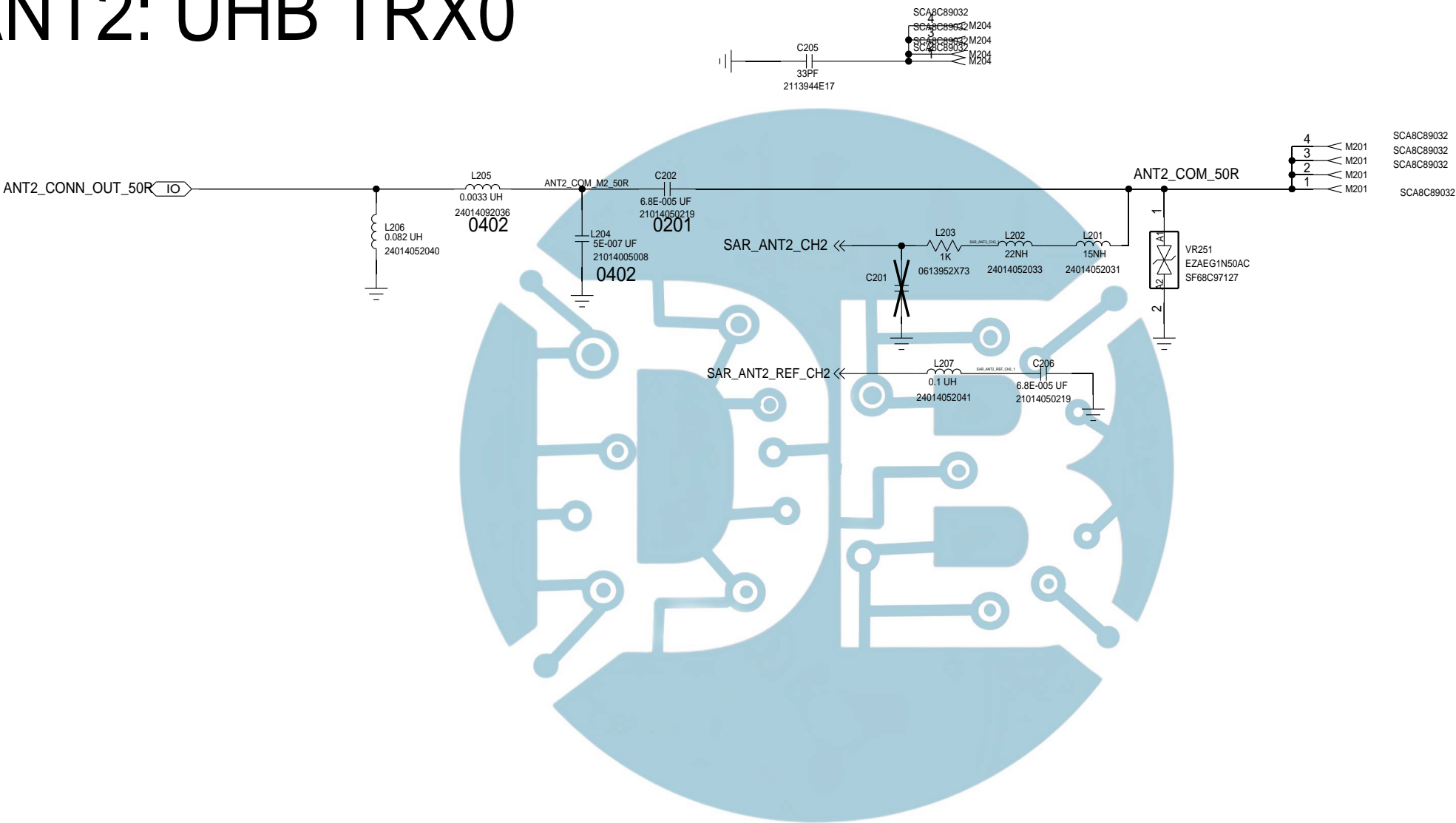
ANT0 LB RX1 + MHB TRX0




APPROVALS		 MOTOROLA MOBILE DEVICES	
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		PAGE 38 OF 80	

ANT2:UHB_TRX0
REFDES: 201-299

ANT2: UHB TRX0



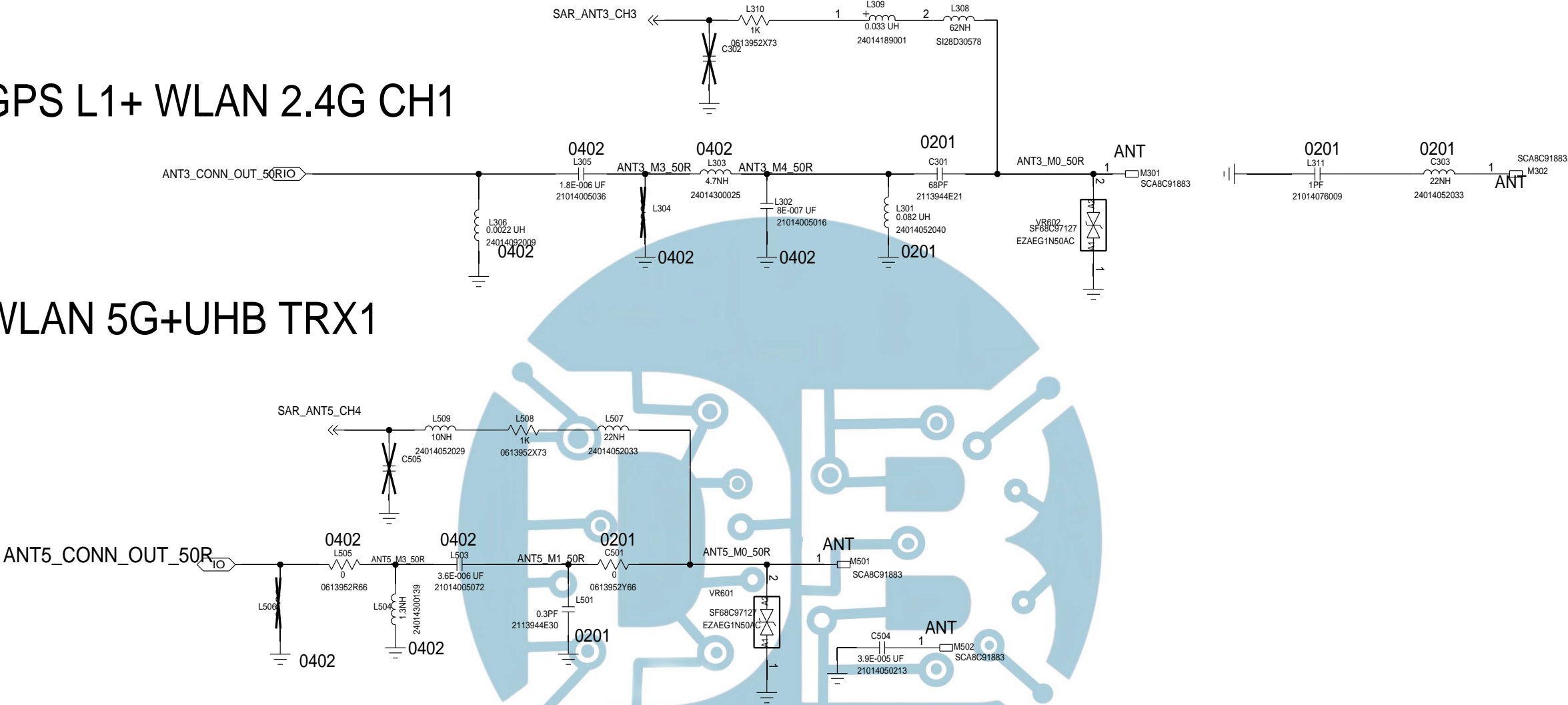
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		B miami_mb_c_20220624.cpm	
		REV 01	
		CAD FILE NAME:	
		PAGE 39 OF 80	


ANT:ANT3_ANT5

REFDES : 300-349&1103

ANT 3: GPS L1+ WLAN 2.4G CH1

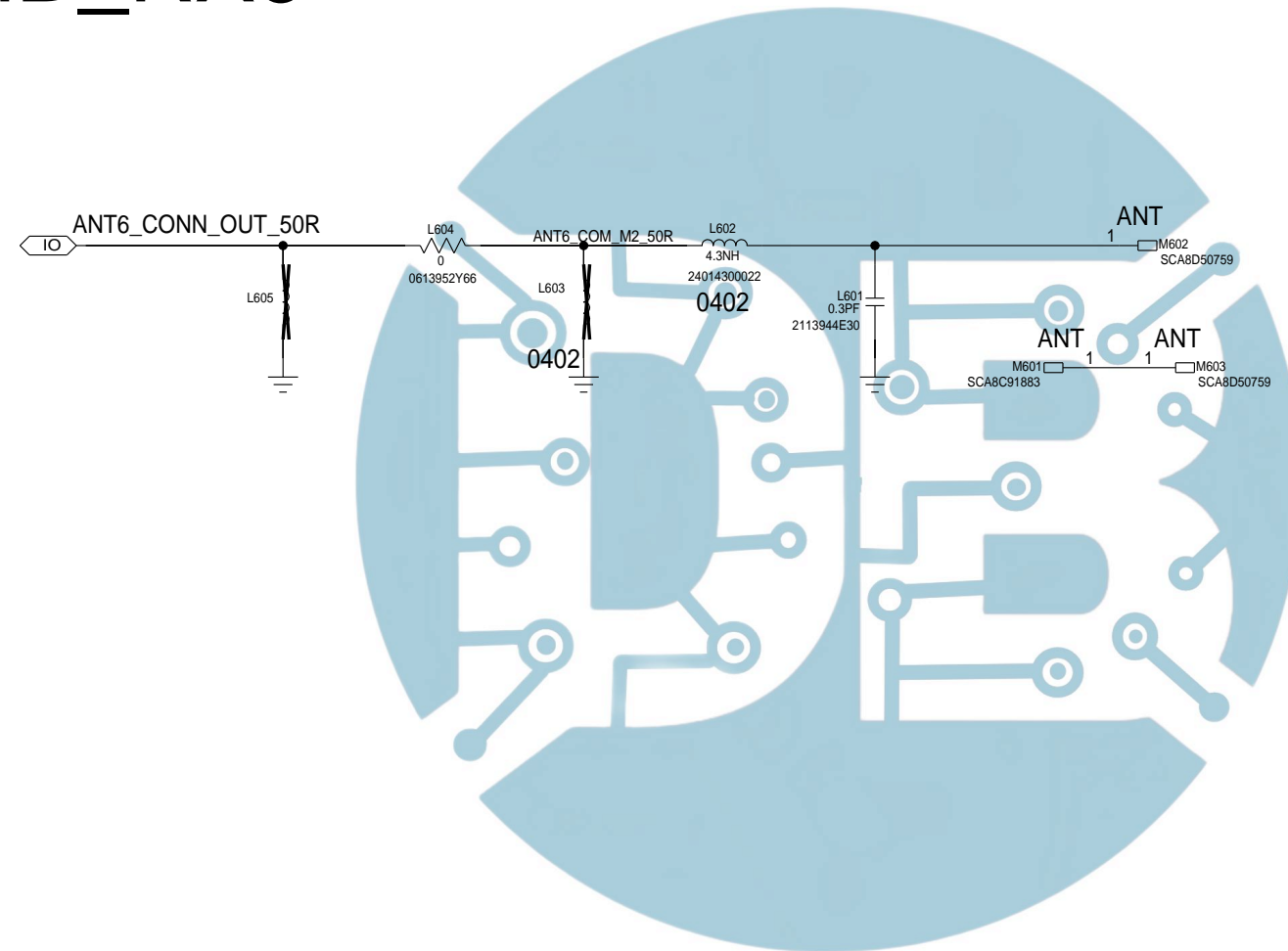
ANT 5: WLAN 5G+UHB TRX1




APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Mon Jun 06 18:01:35 2022		PROJECT NAME B miami_mb_c_20220624.cpm	
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ANT:ANT6
REFDES: 400-499

ANT6: MHB_RX3

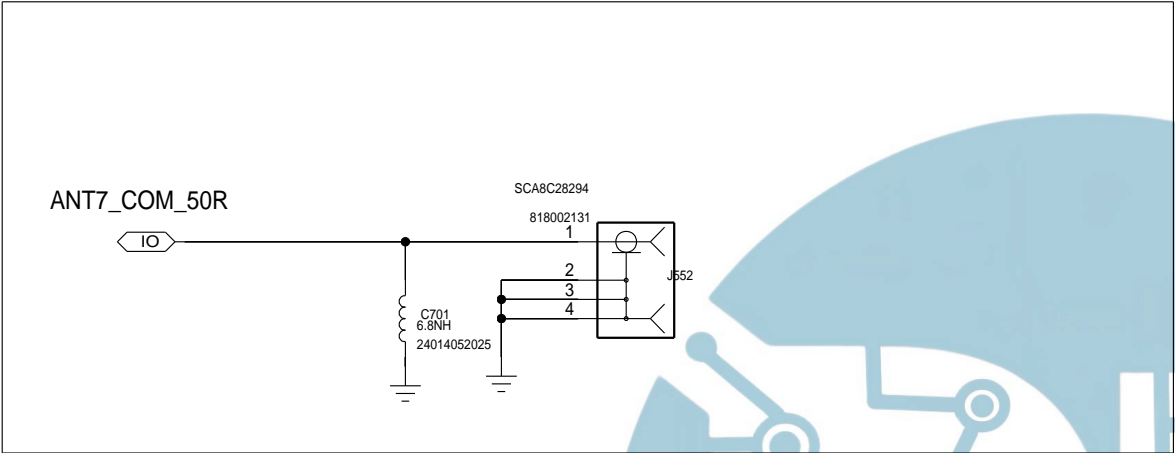


APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOROLA	BLOCK TITLE: <h1>antennas</h1>		
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		CAD FILE NAME:	PAGE 41 OF 80

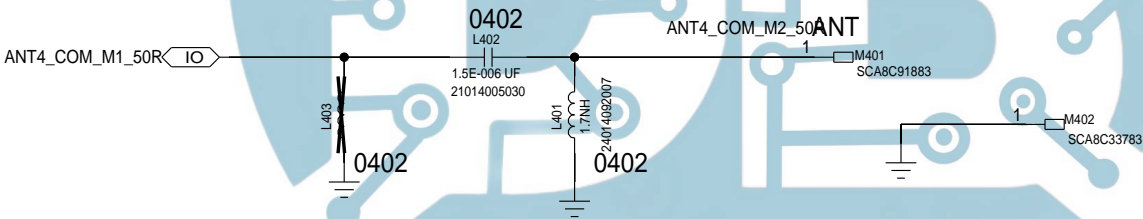
ANT:ANT4_ANT7

REFDES: 501-599

ANT7: MHB RX2 + UHB RX1



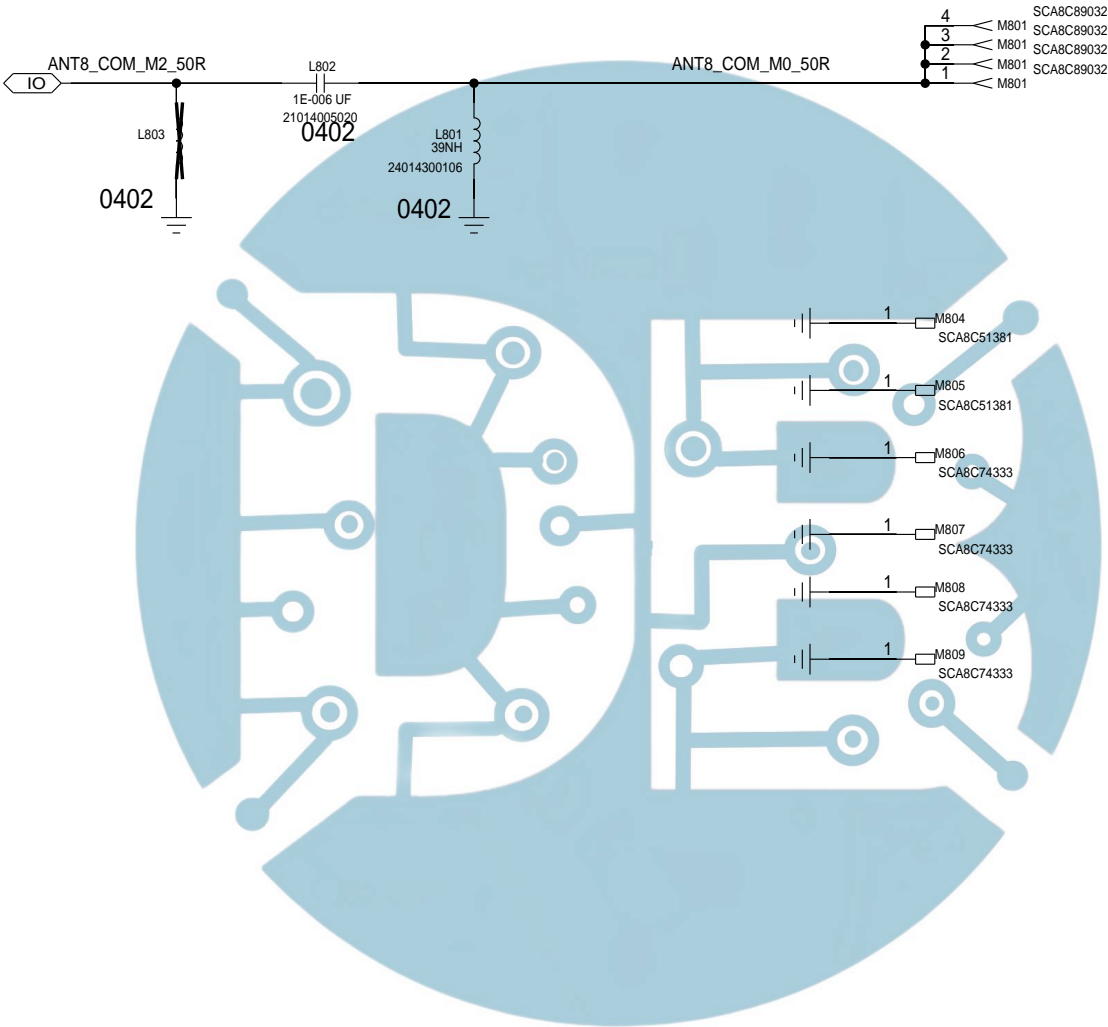
ANT4: UHB RX2




APPROVALS		MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Fri May 13 20:31:14 2022		antennas	
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		B miami_mb_c_20220624.cpm	REV 01
		CAD FILE NAME:	
		PAGE 42 OF 80	

ANT:ANT8
REFDES: 601-699

ANT8:ENDC/CA B28

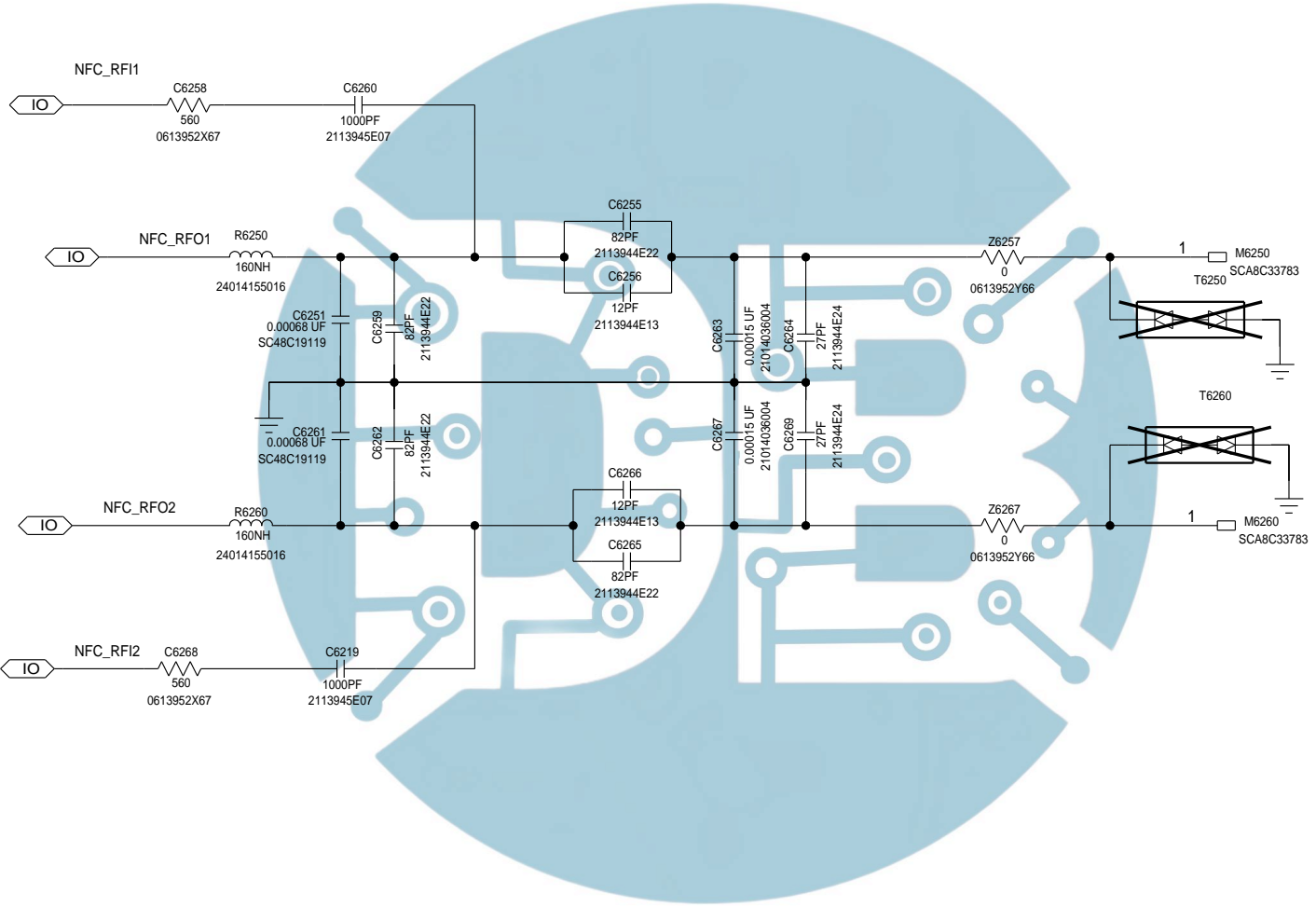



APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Mon May 30 11:11:20 2022			
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		CAD FILE NAME:	PAGE 43 OF 80

ANT:NFC

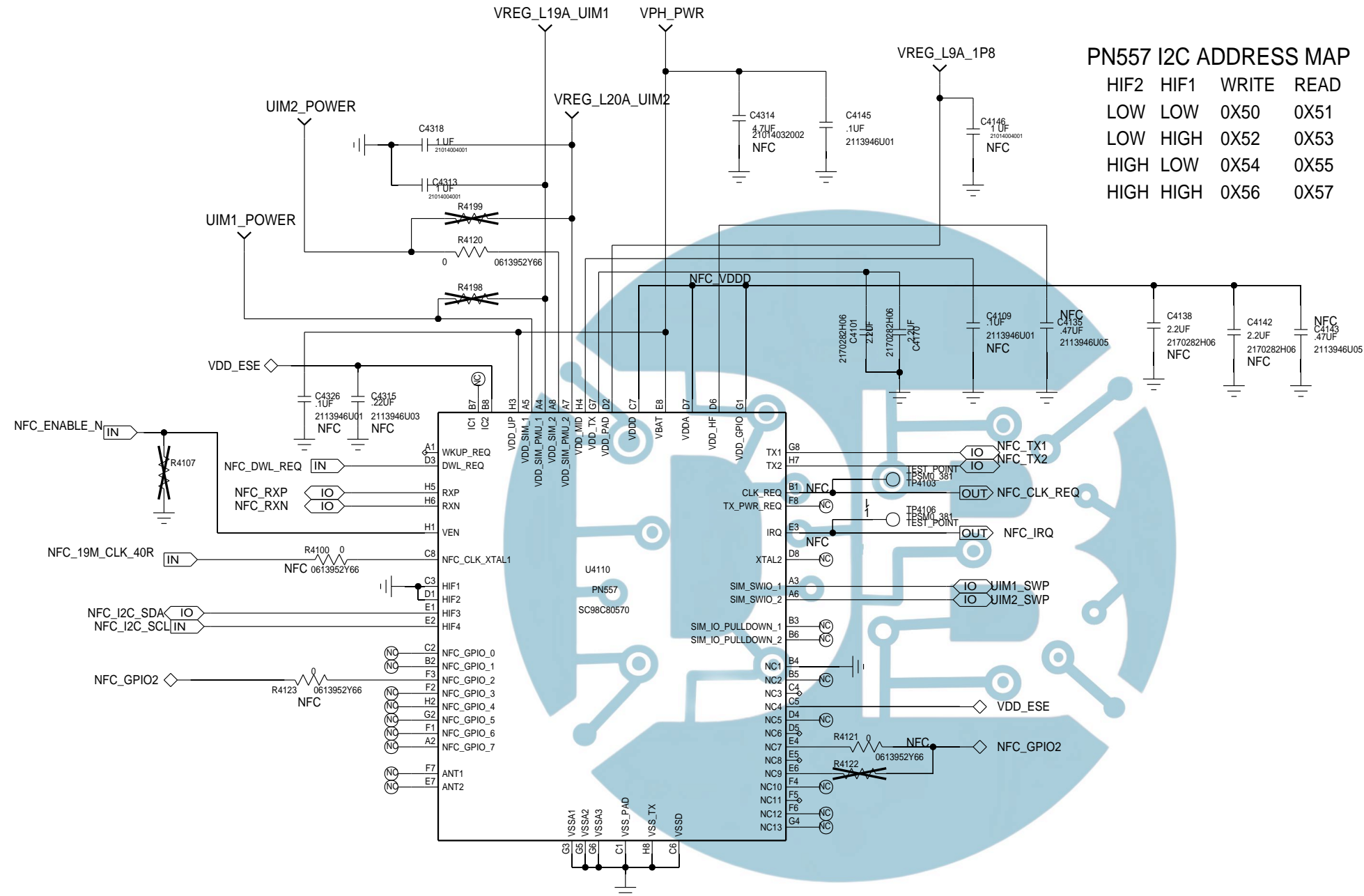
REFDES: 4101-4199

ANTENNA MATCHING




APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Tue May 31 10:17:45 2022		antennas	
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		B miami_mb_c_20220624.cpm	
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		CAD FILE NAME:	
		PAGE 44 OF 80	

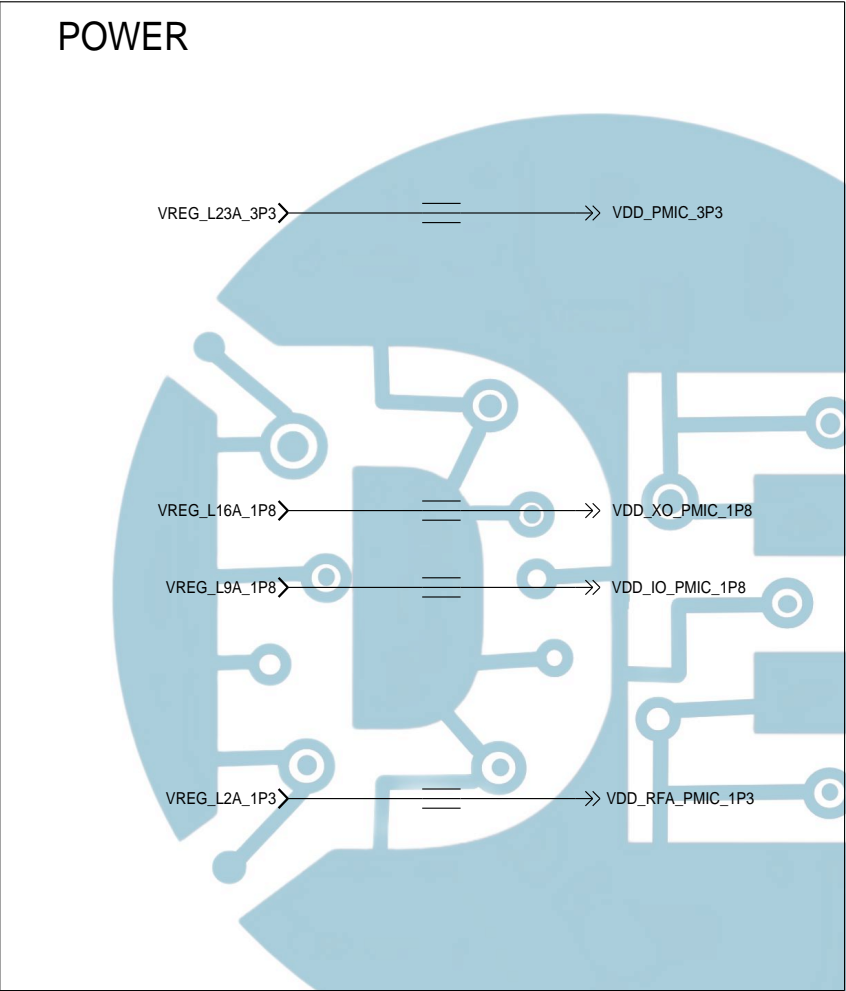
PN557
REF 4100-4199




HIF2	HIF1	WRITE	READ
LOW	LOW	0X50	0X51
LOW	HIGH	0X52	0X53
HIGH	LOW	0X54	0X55
HIGH	HIGH	0X56	0X57

APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Fri May 06 10:00:02 2022			
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		CAD FILE NAME:	PAGE 45 OF 80

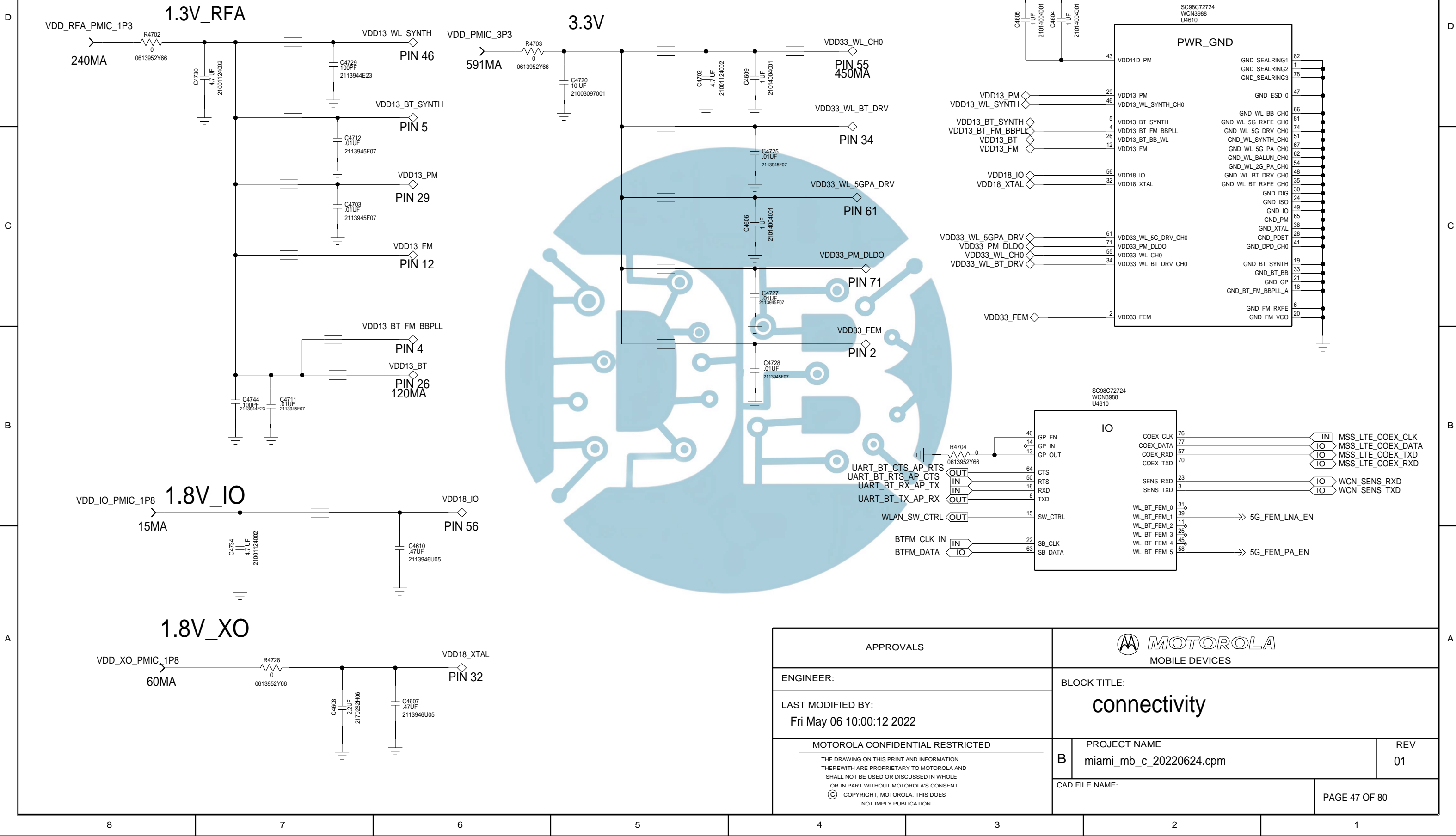
WCN3980 PORT/POWER
REF7800-7899




APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: Fri May 06 10:00:12 2022		connectivity	
<div>MOTOROLA CONFIDENTIAL RESTRICTED</div> <div>THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION</div>		PROJECT NAME	
		B miami_mb_c_20220624.cpm	
		REV 01	
		CAD FILE NAME:	
		PAGE 46 OF 80	

WCN3980 POWER/GND/CONTROL

REF 4600-4699

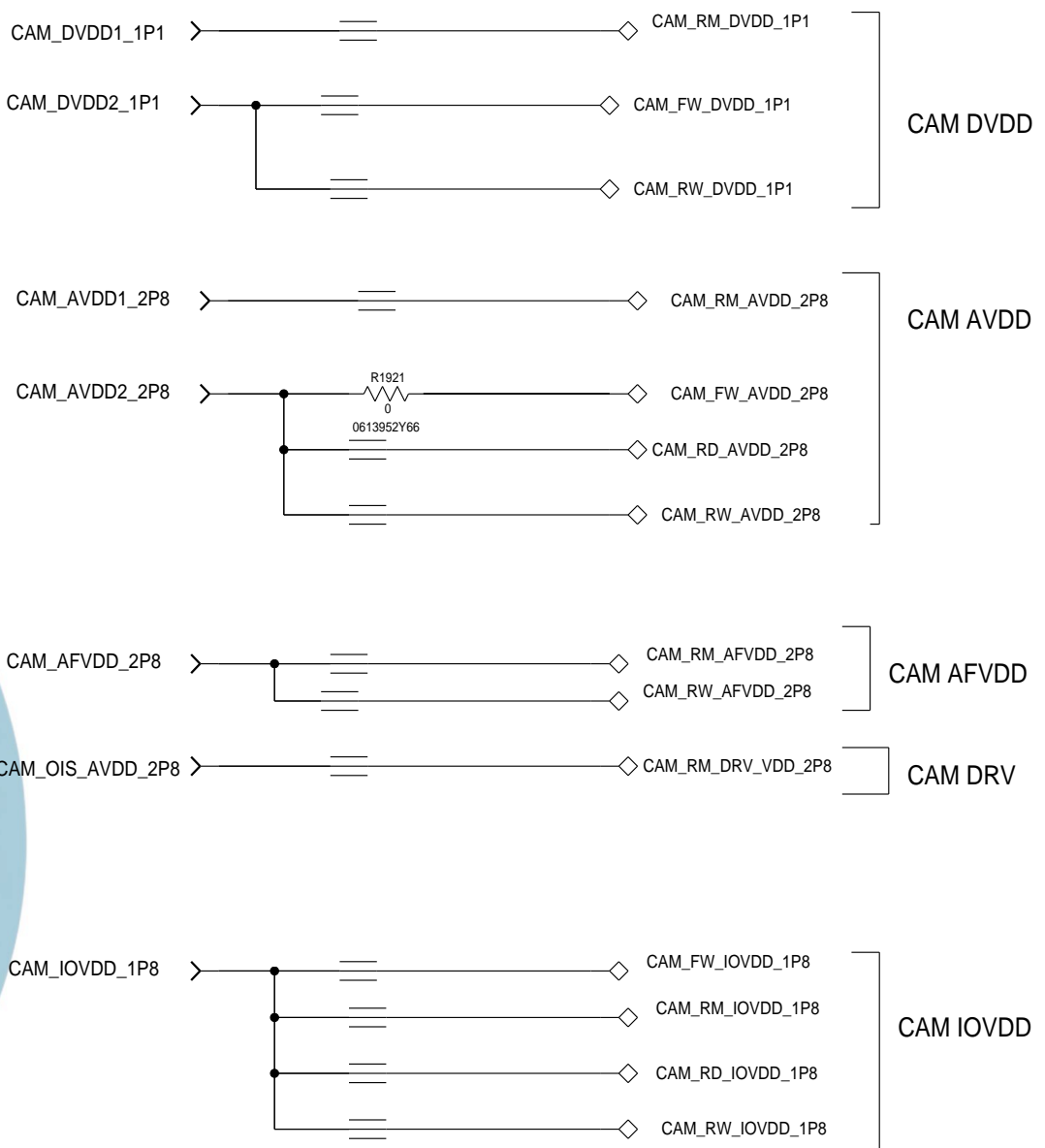
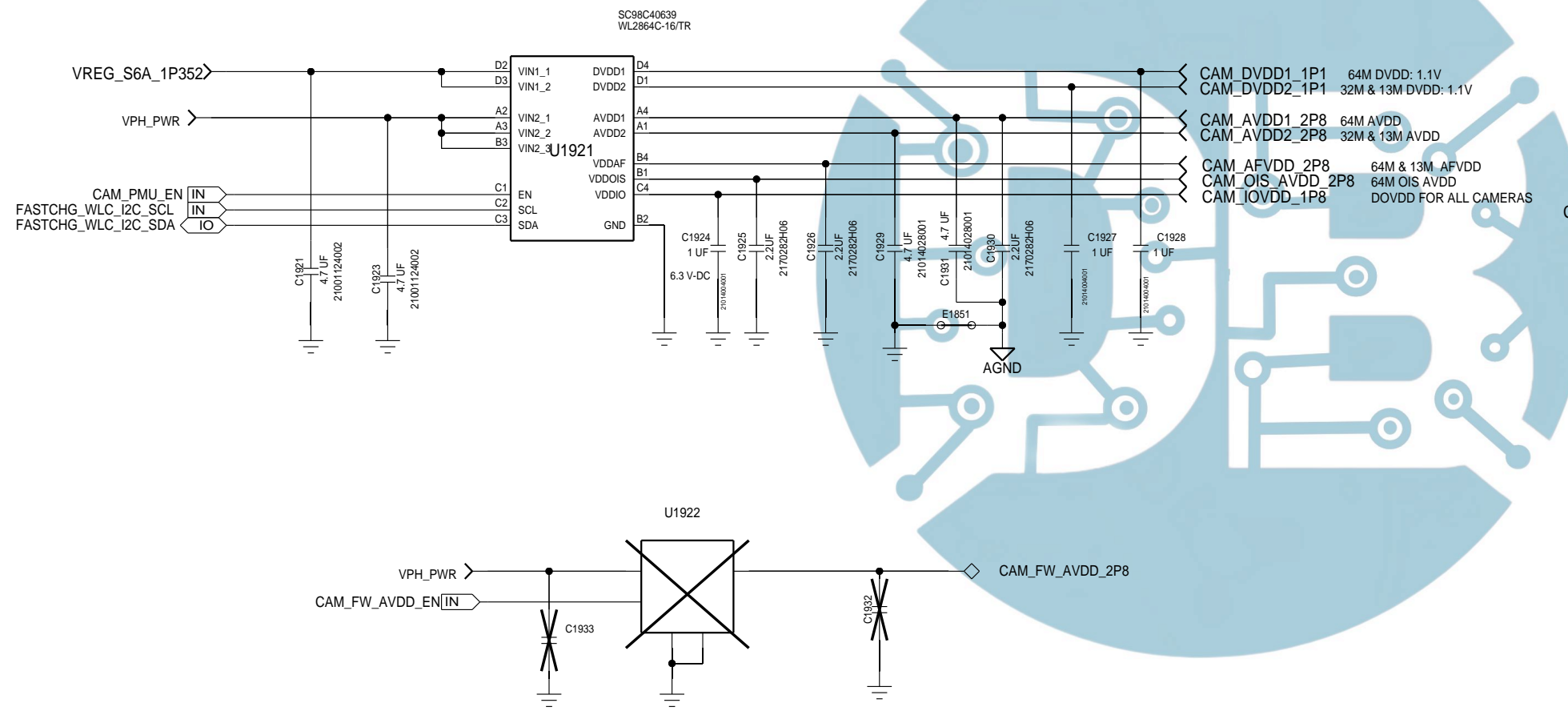



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APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: Mon May 30 17:33:52 2022			
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		CAD FILE NAME:	PAGE 48 OF 80

CAM: POWER

REF: 1921-1950



APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER: HANLEI		BLOCK TITLE:	
LAST MODIFIED BY: ZHOUHU Fri May 06 10:00:23 2022		multimedia	
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		REV 01 PAGE 49 OF 80	

D

D



C

B

B

A

A

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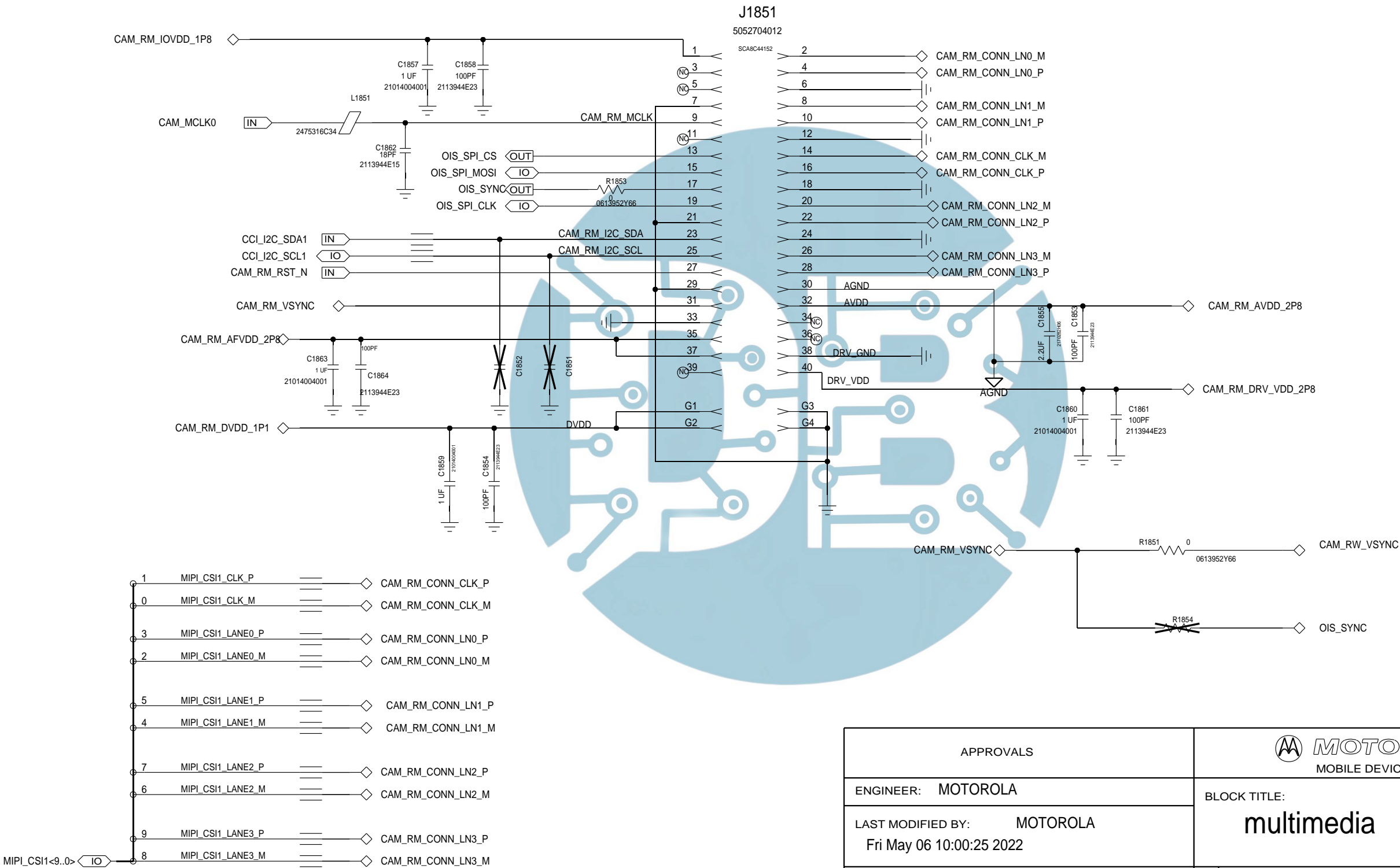
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APPROVALS

MOTOROLA

CAM: REAR 64M AF OIS

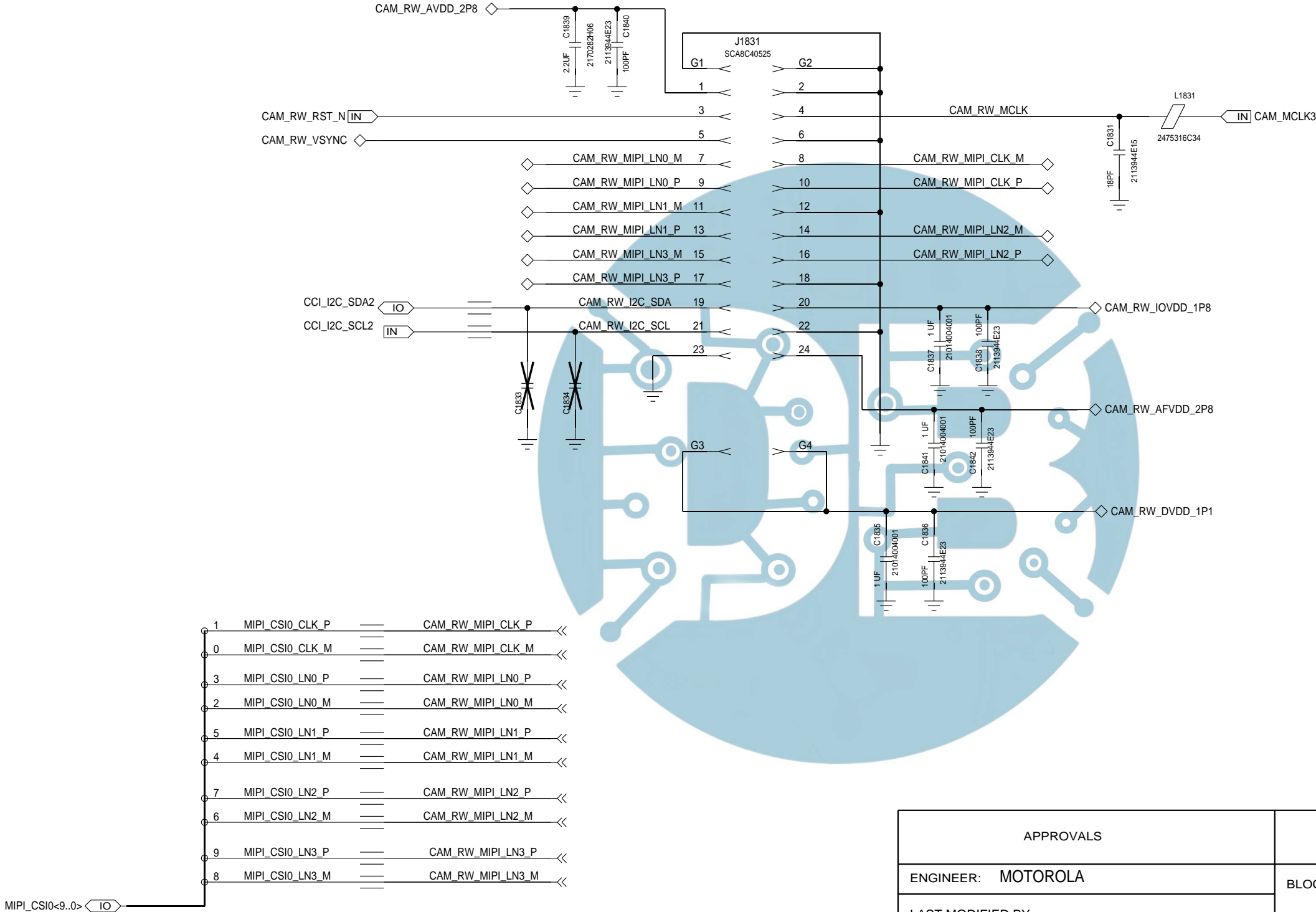
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		B miami_mb_c_20220624.cpm	
		REV 01	
		CAD FILE NAME:	
		PAGE 52 OF 80	

CAM: REAR UW 8M AF

REF: 1831-1850



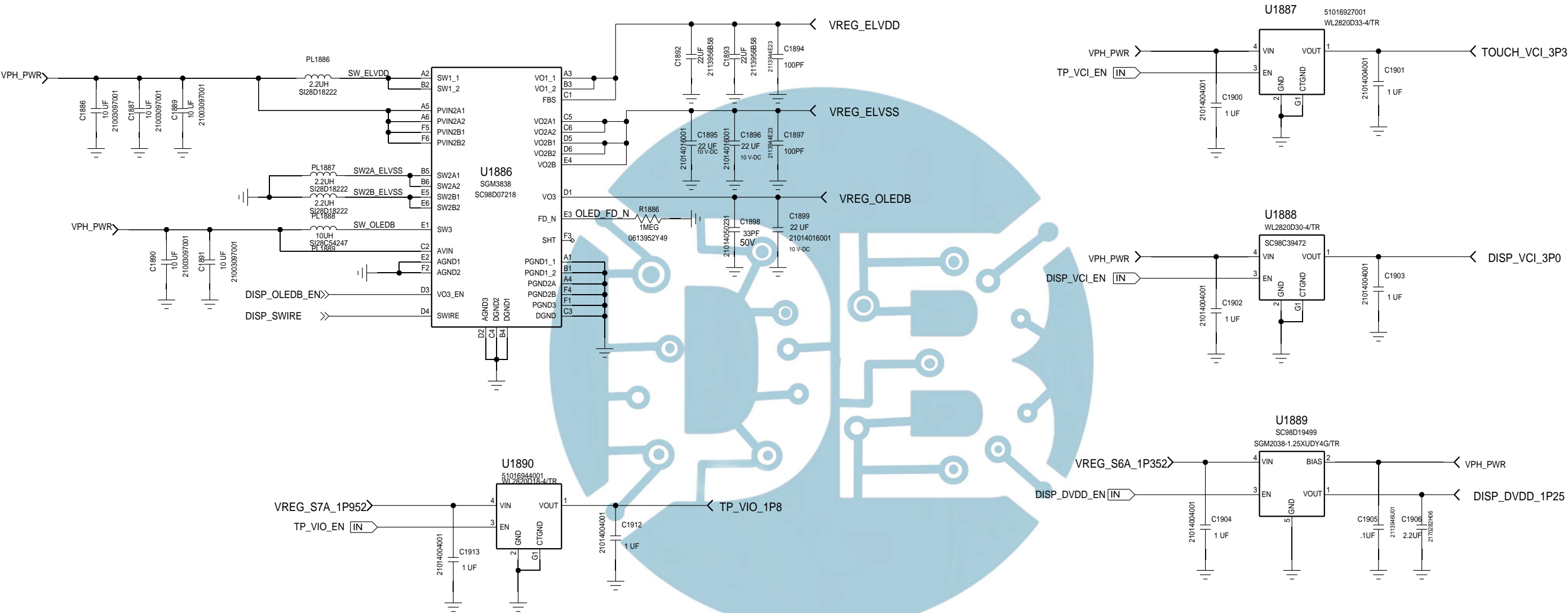
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Fri May 06 10:00:26 2022			
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		REV 01	
		CAD FILE NAME:	
		PAGE 53 OF 80	

DISP: OLEDB/ELVSS/ELVDD

REF:1880--1920

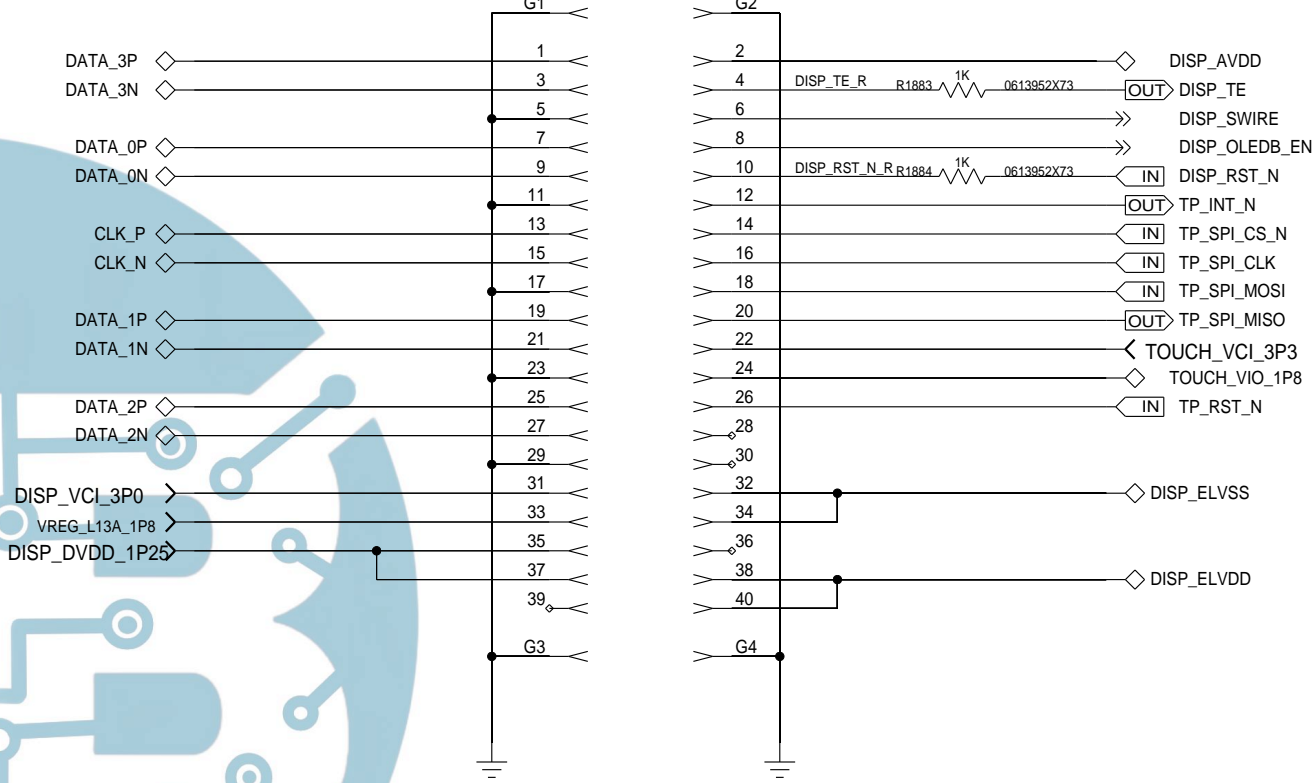
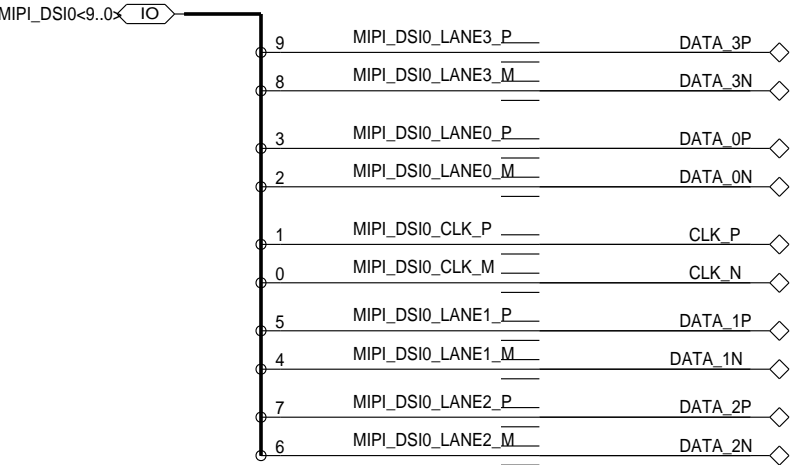
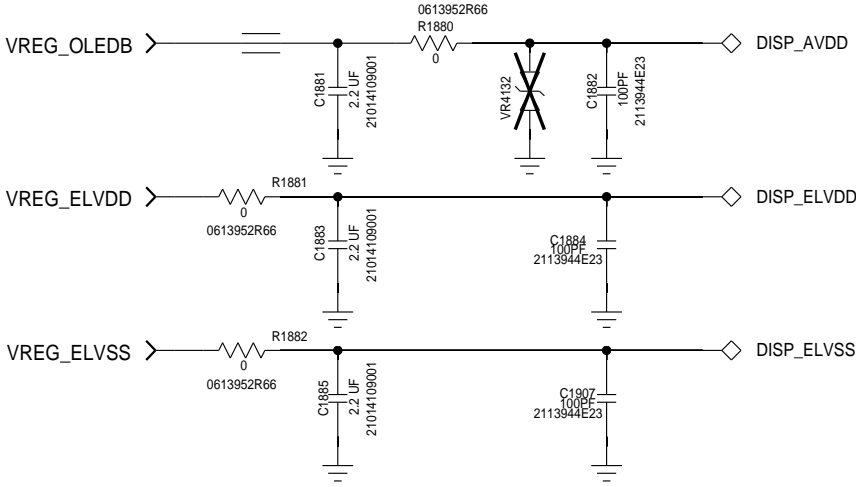
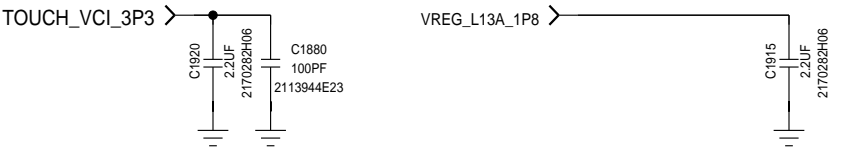
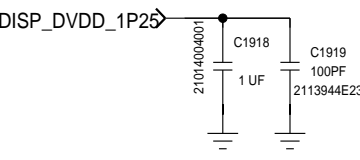
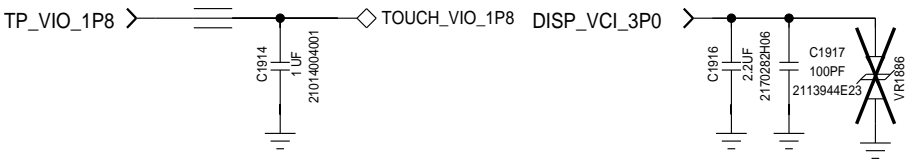



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CAD FILE NAME:		PAGE 54 OF 80	

DISP: CONNECTOR

REF:1880--1920

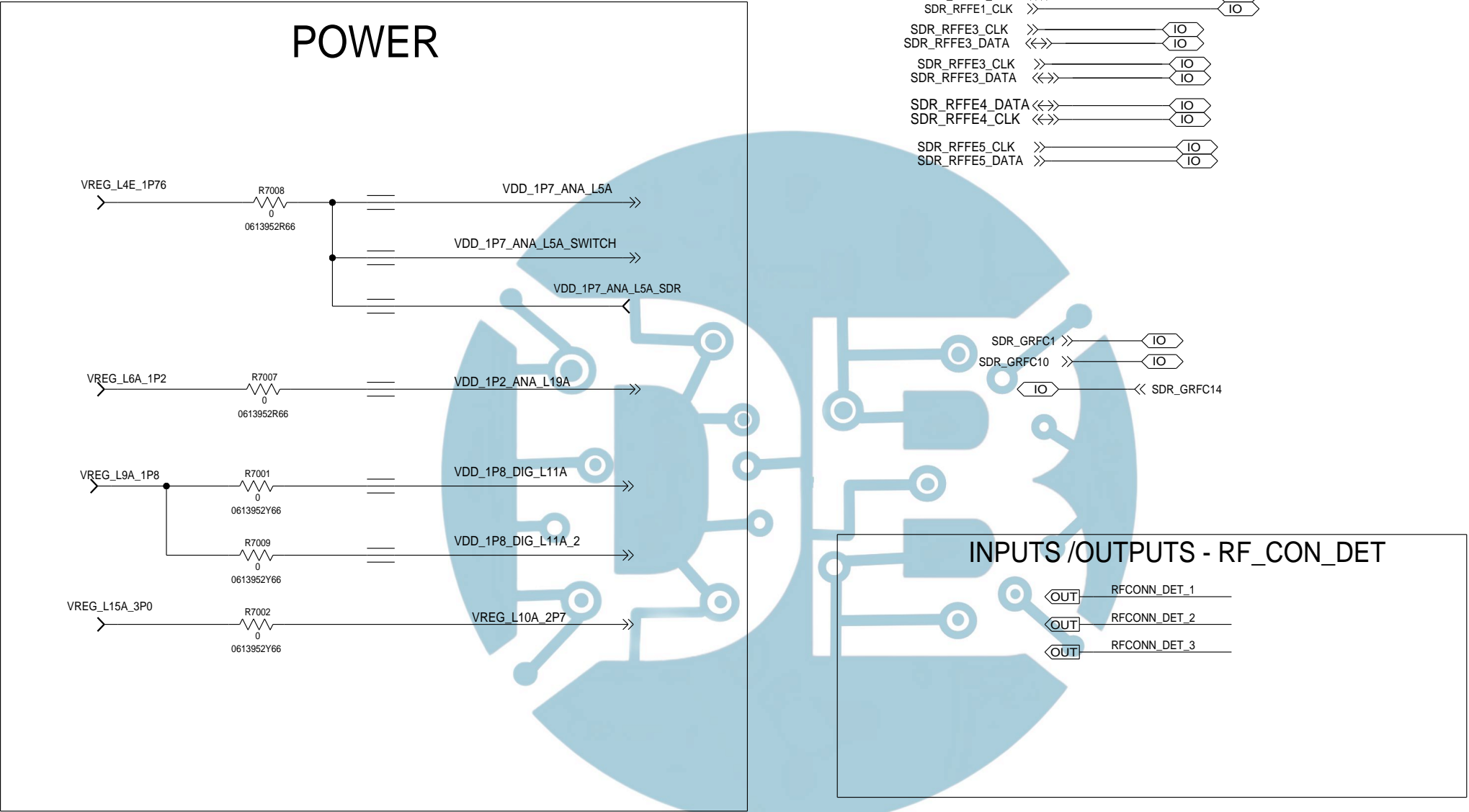
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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		B miami_mb_c_20220624.cpm	REV 01
		CAD FILE NAME:	
		PAGE 55 OF 80	

RFFE: PORTS

REFDES: 7000-8199



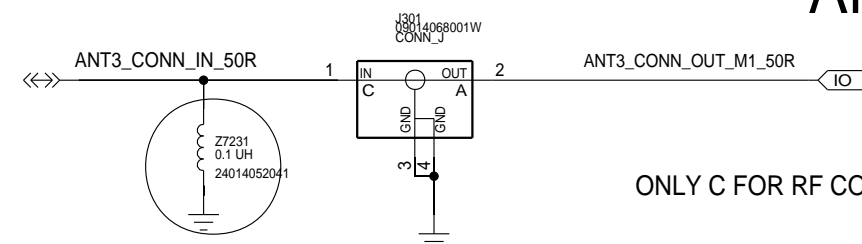
QUALCOMM RECOMMENDS PLACING BOTH THERMISTORS
FOR FUTURE SW IMPLEMENTATION THEY ARE WORKING ON

APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Fri May 06 10:00:03 2022			
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		CAD FILE NAME: PAGE 56 OF 80	

RFFE: ANT_CONN

REFDES: 7000-7099

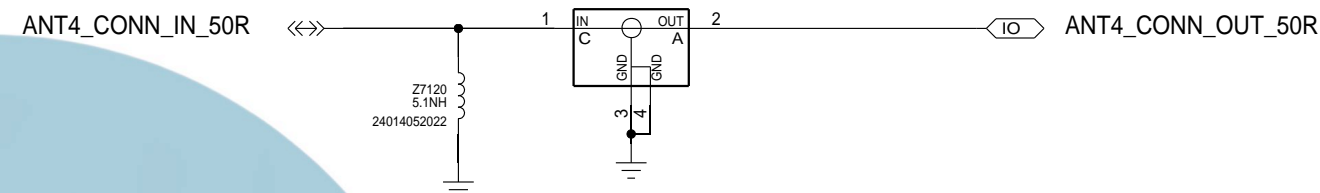
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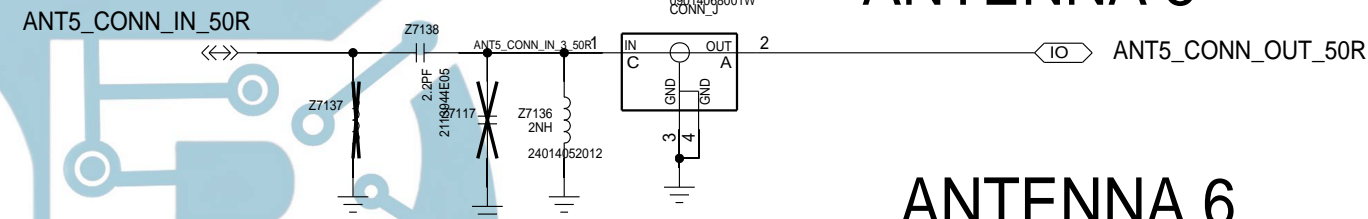
ONLY L FOR RF CONNECT DET

ONLY C FOR RF CONNECT DET

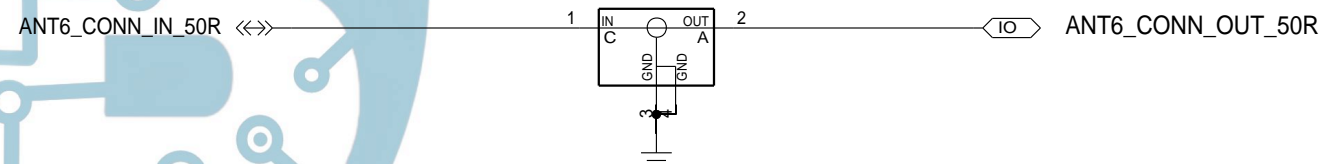
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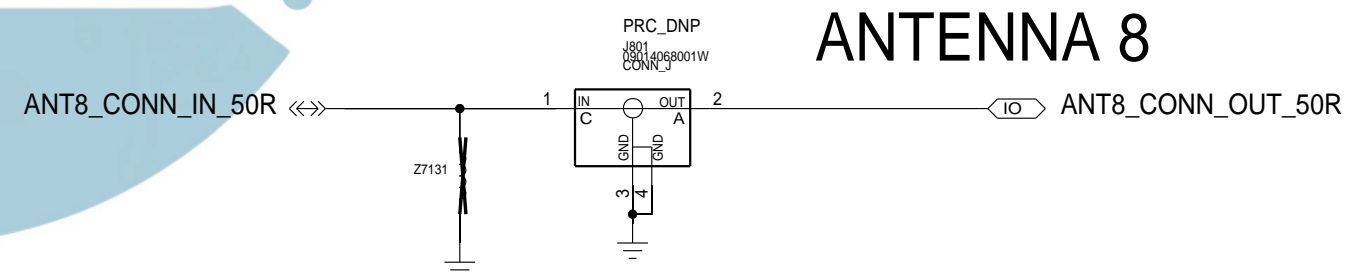
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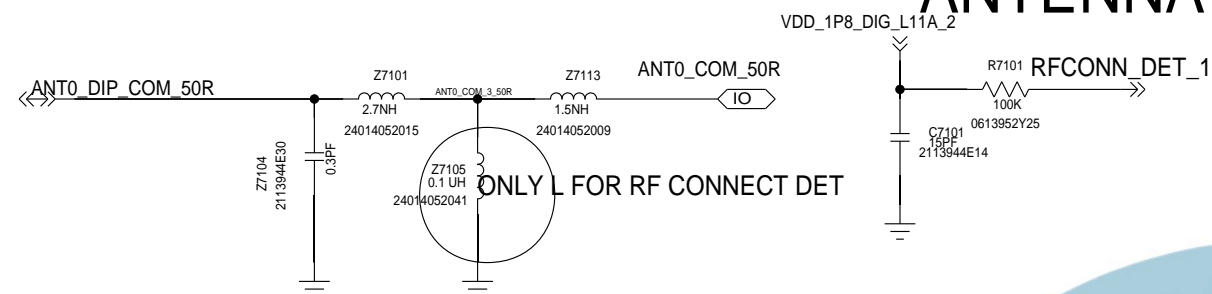
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ANTENNA 8



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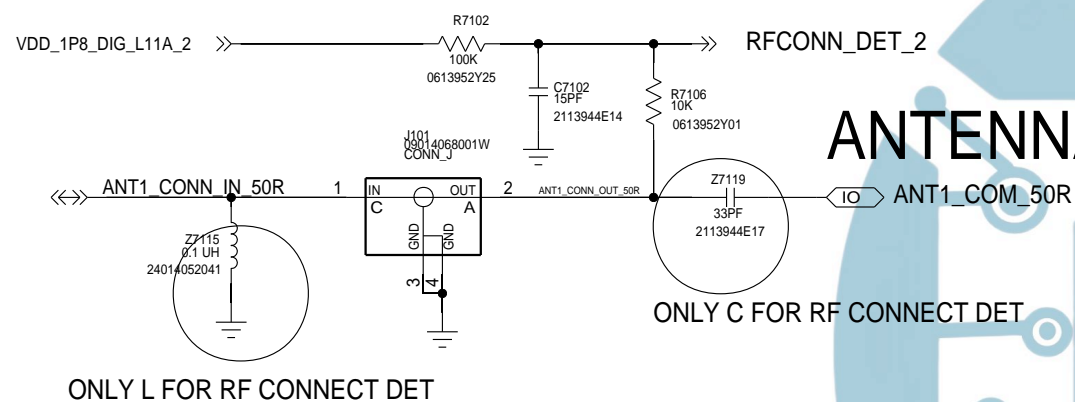


ONLY L FOR RF CONNECT DET

VDD_1P8_DIG_L11A_2

R7101 RFCONN_DET_1

ANTENNA 1



ONLY L FOR RF CONNECT DET

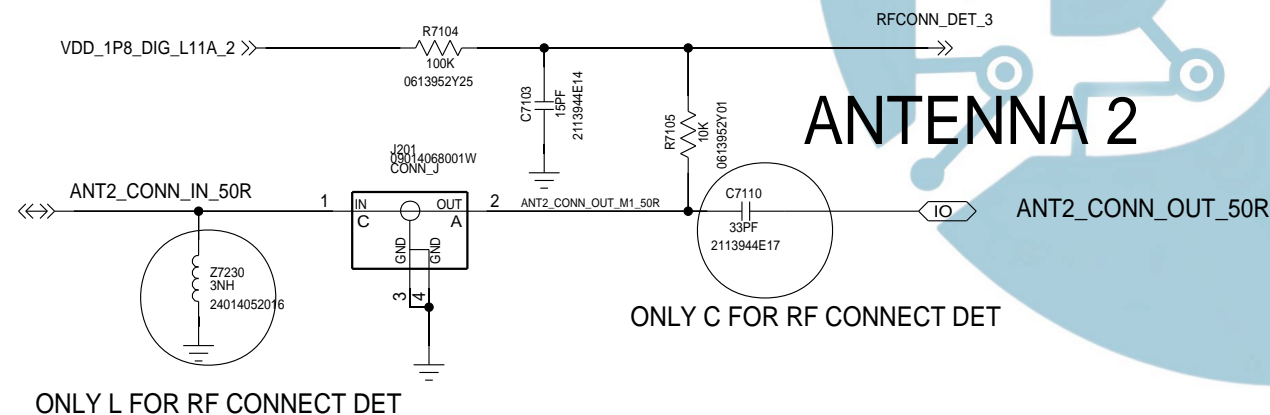
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ONLY C FOR RF CONNECT DET

ANTENNA 2



ONLY L FOR RF CONNECT DET

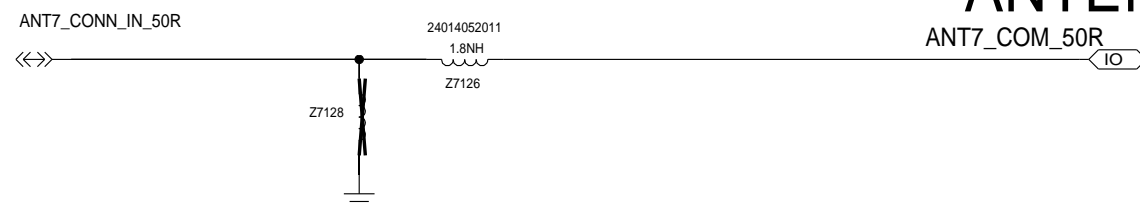
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R7104 RFCONN_DET_3

ANT2_CONN_OUT_50R

ONLY C FOR RF CONNECT DET

ANTENNA 7



ANT7_COM_50R

APPROVALS

ENGINEER:

LAST MODIFIED BY:

Mon May 30 17:43:04 2022

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MOTOROLA
MOBILE DEVICES

BLOCK TITLE:

rffe

B

PROJECT NAME

miami_mb_c_20220624.cpm

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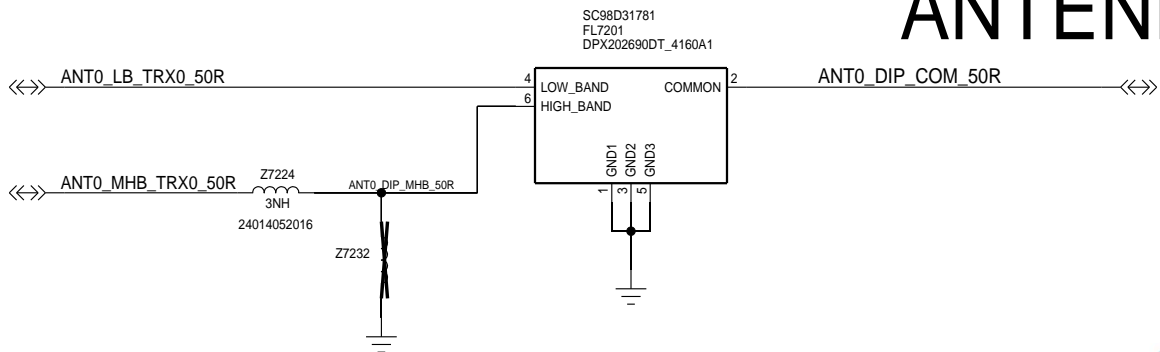
REV
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PAGE 57 OF 80

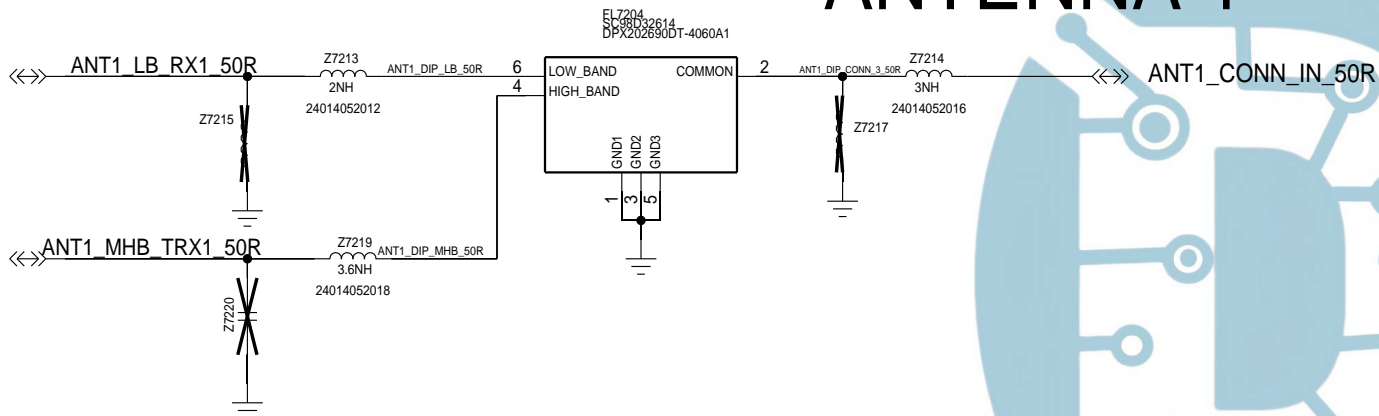
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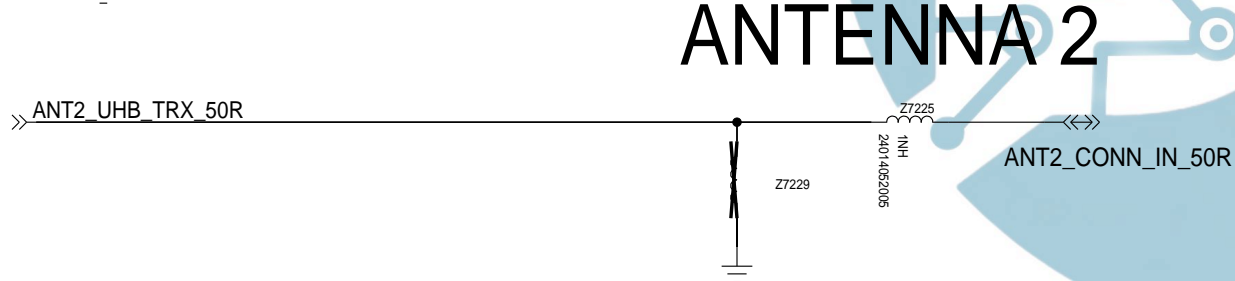
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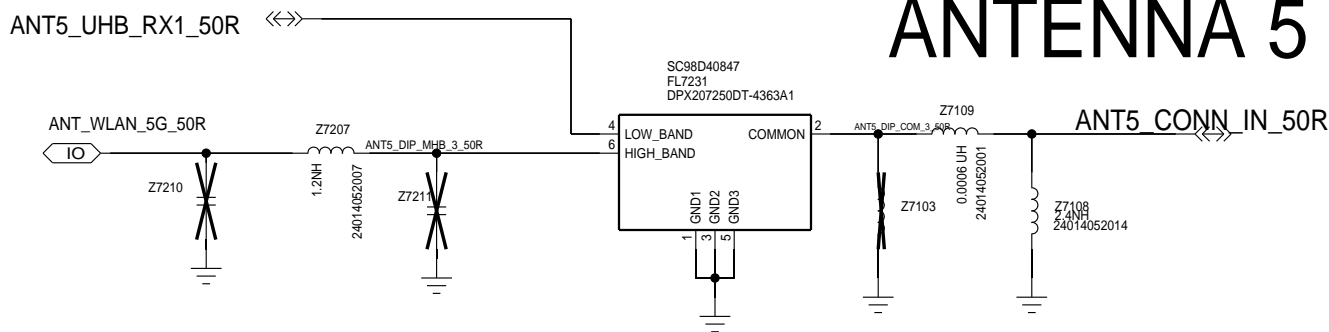
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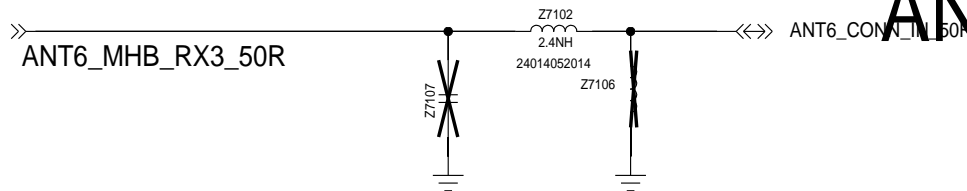
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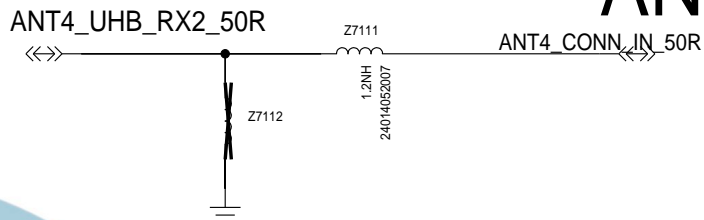
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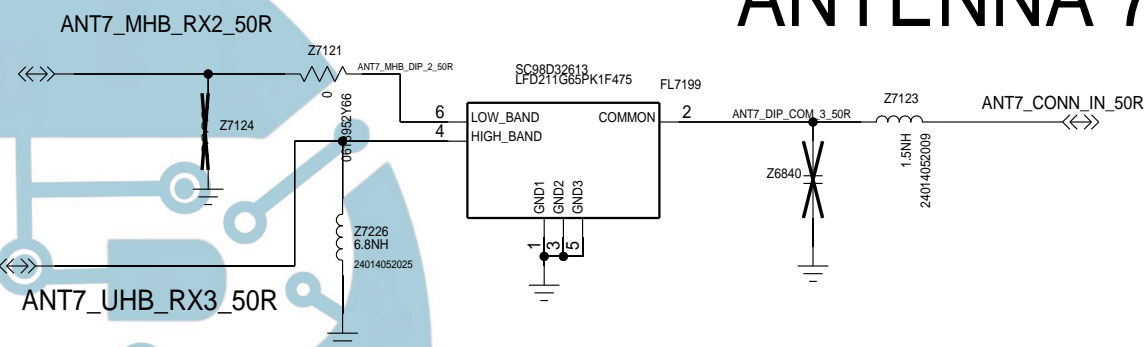
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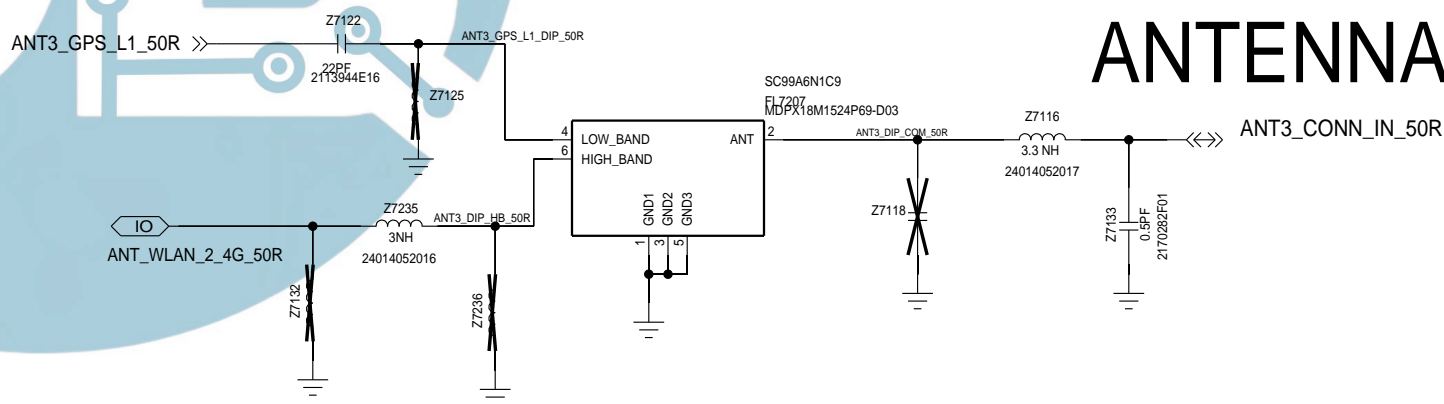
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ANTENNA 7

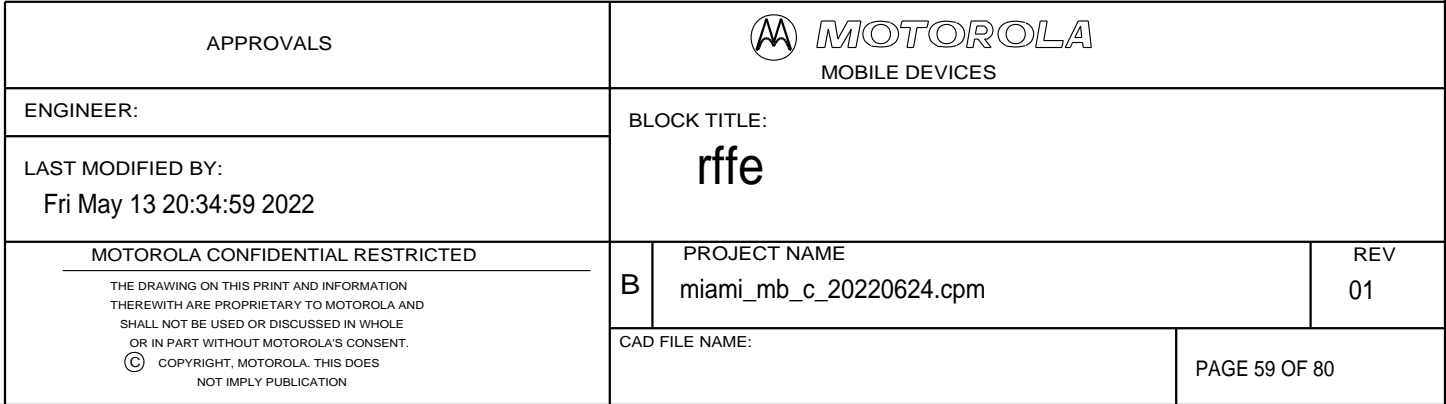


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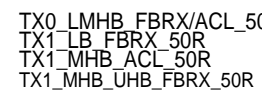


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REFDES: 7100-7199



REFDES: 7200-7249

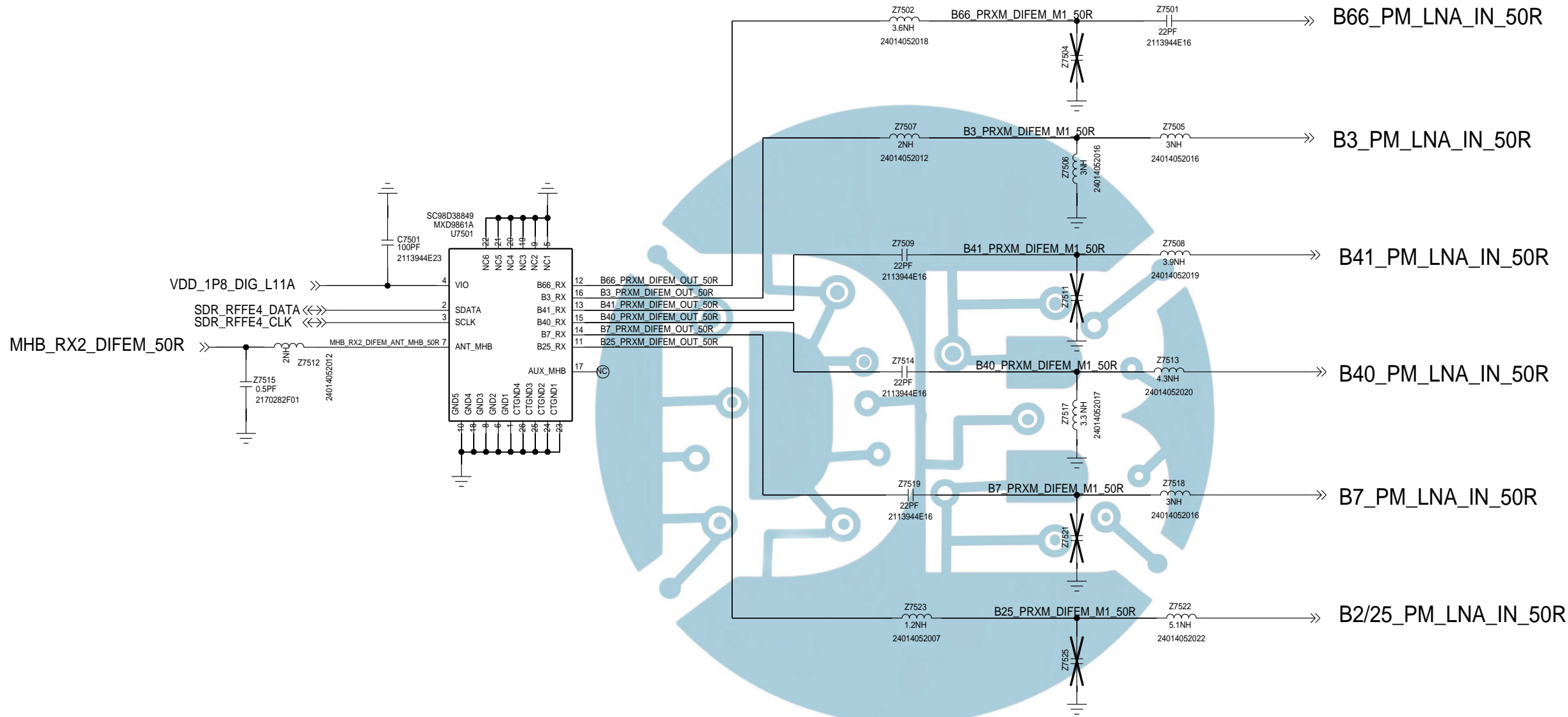



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		CAD FILE NAME:	PAGE 60 OF 80

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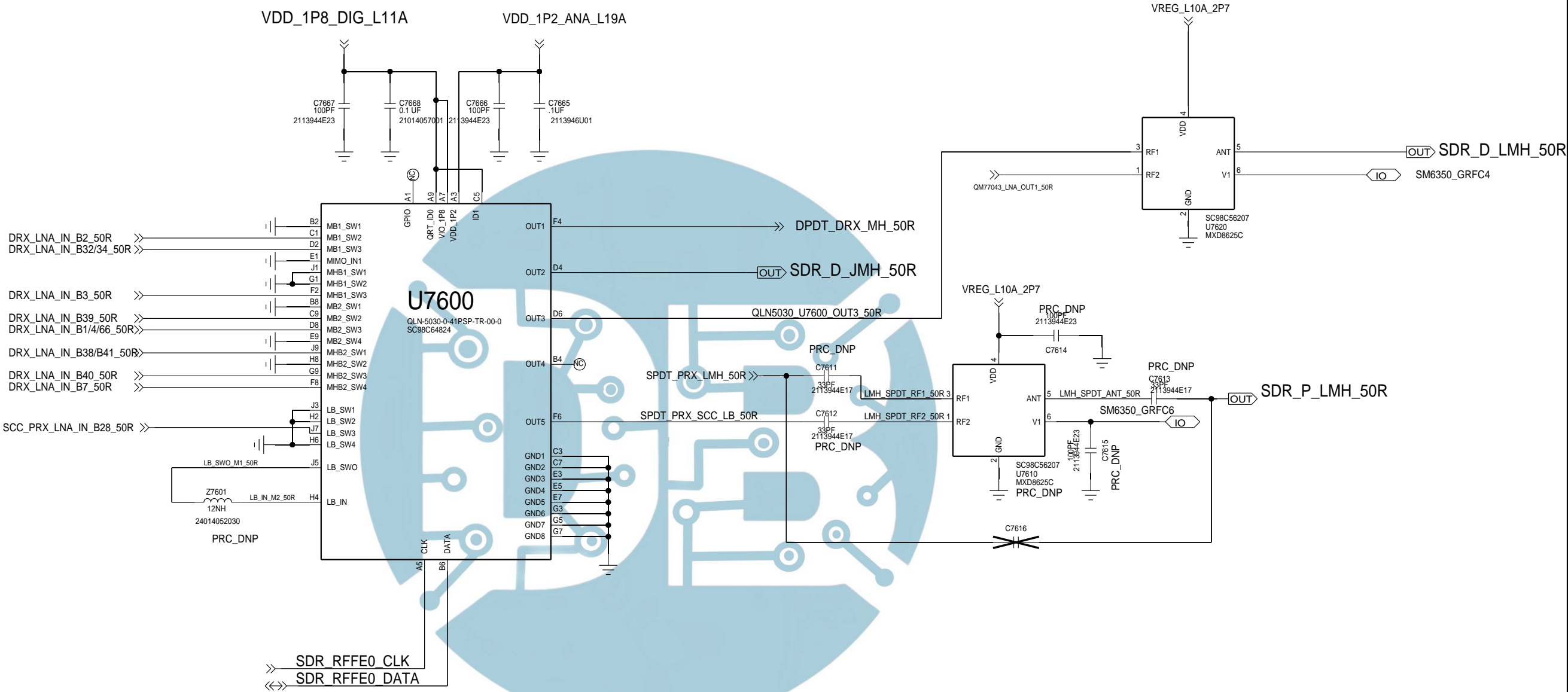
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		PAGE 61 OF 80	

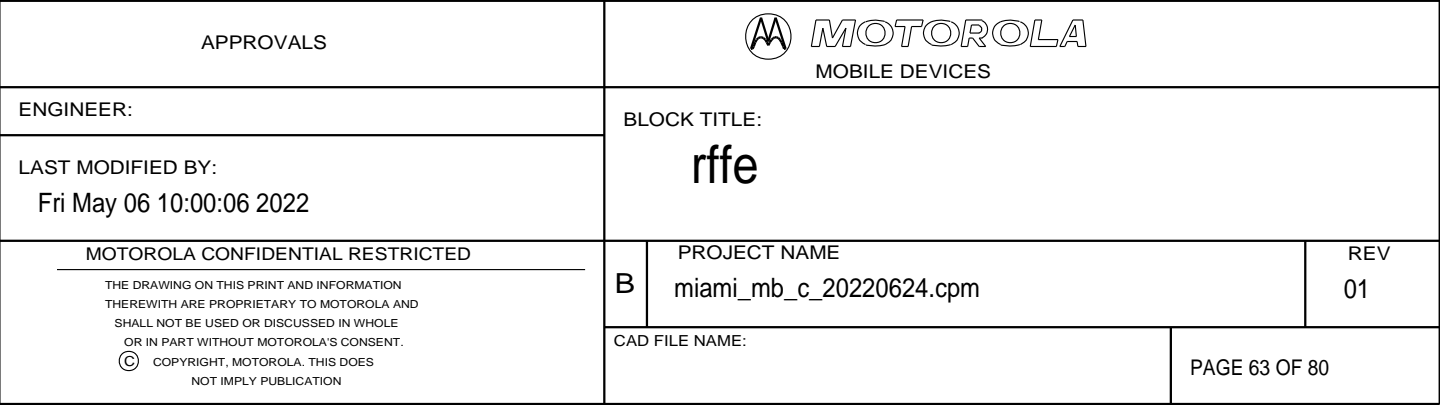
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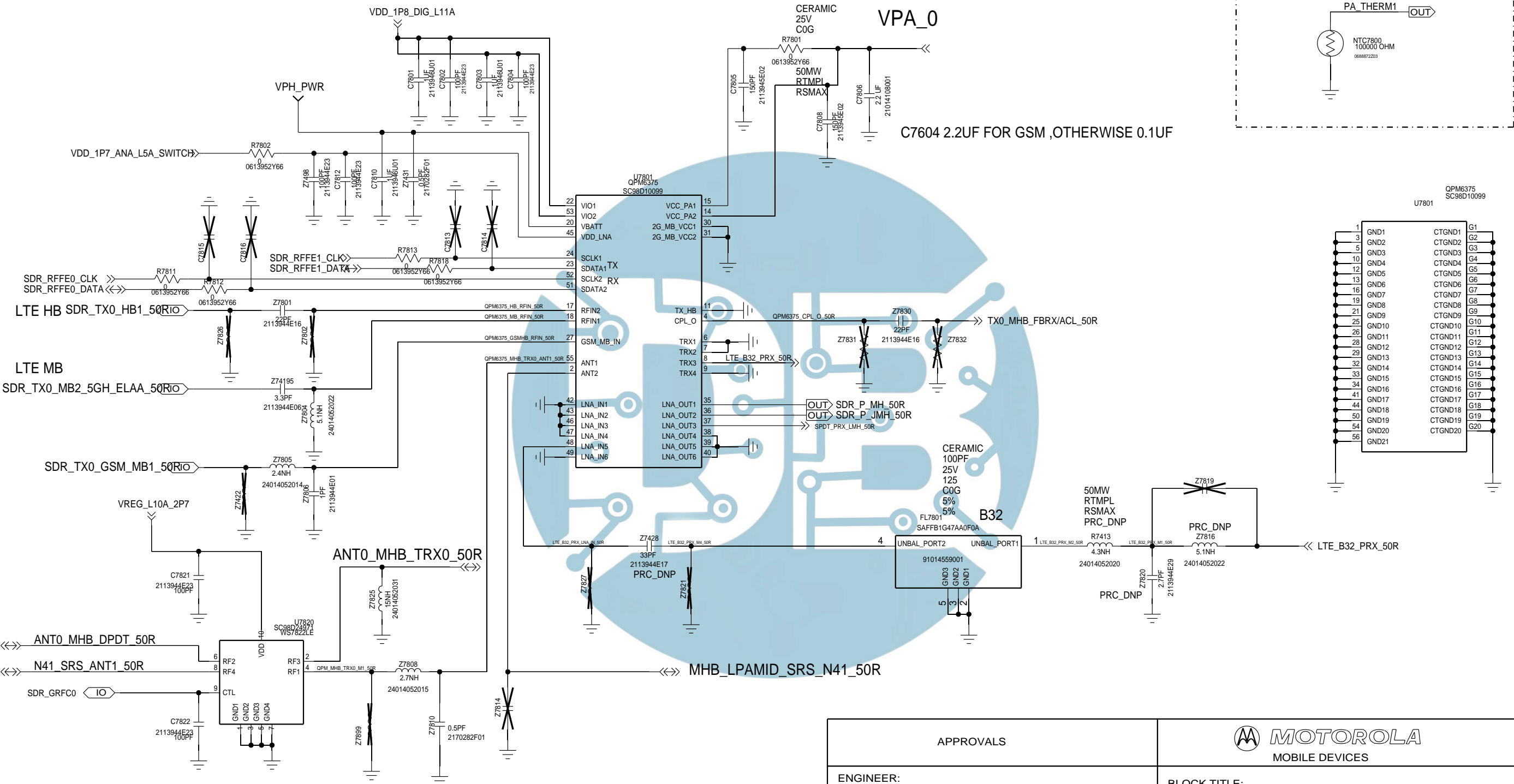
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REF:7300-7349

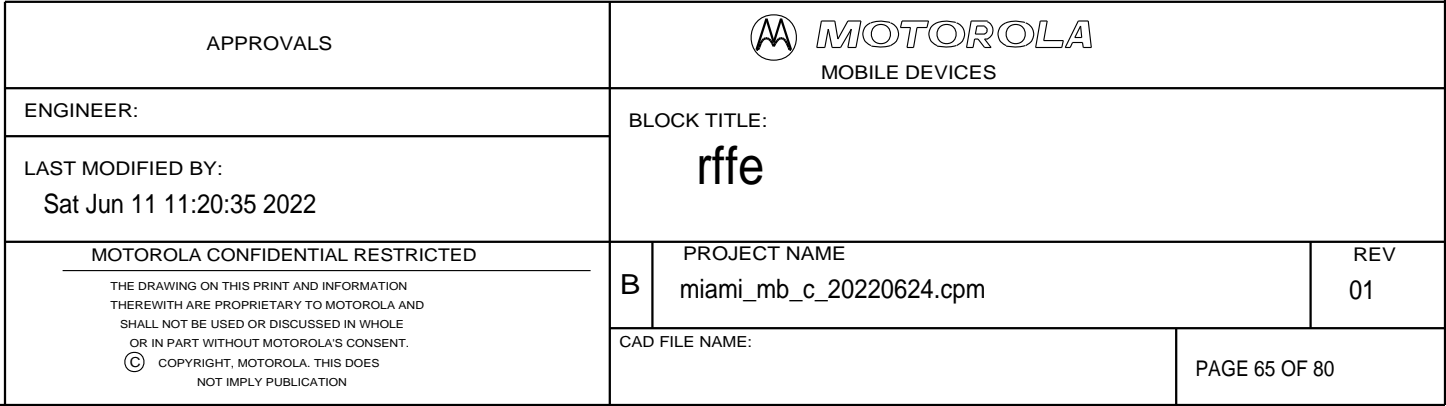


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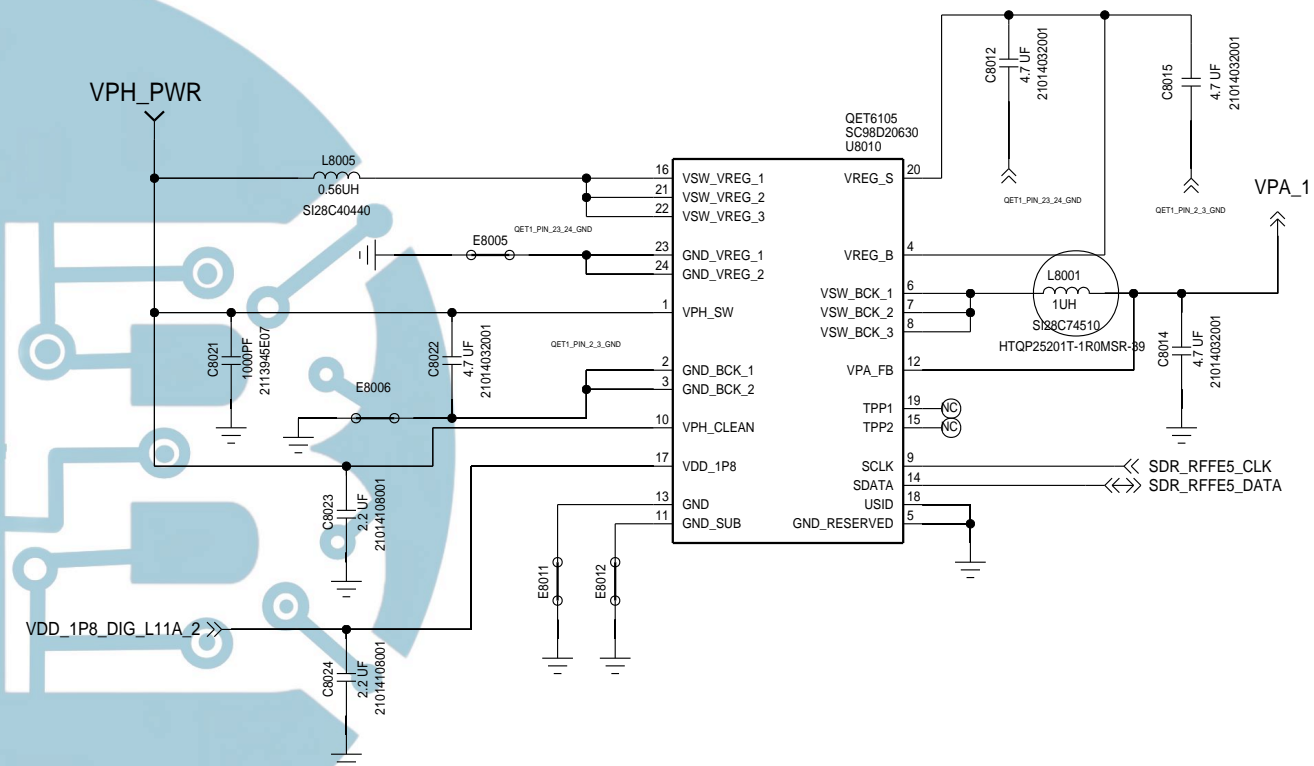



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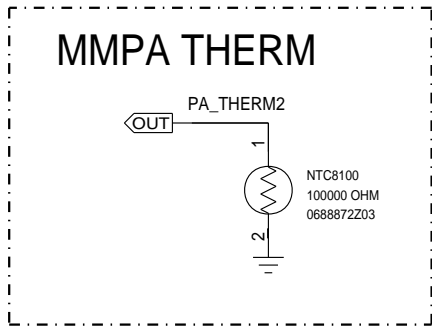
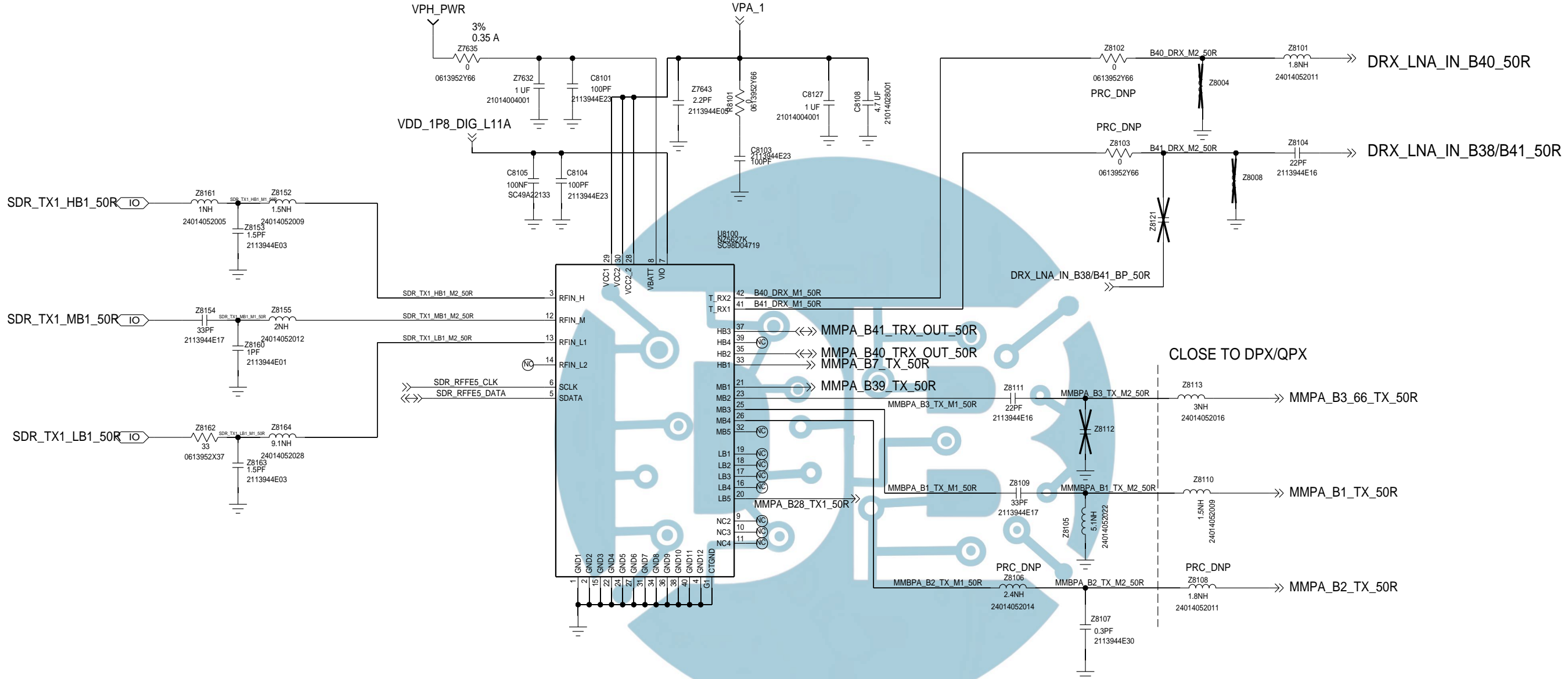
MHB_DRX_MIMO


QET6105 CH1



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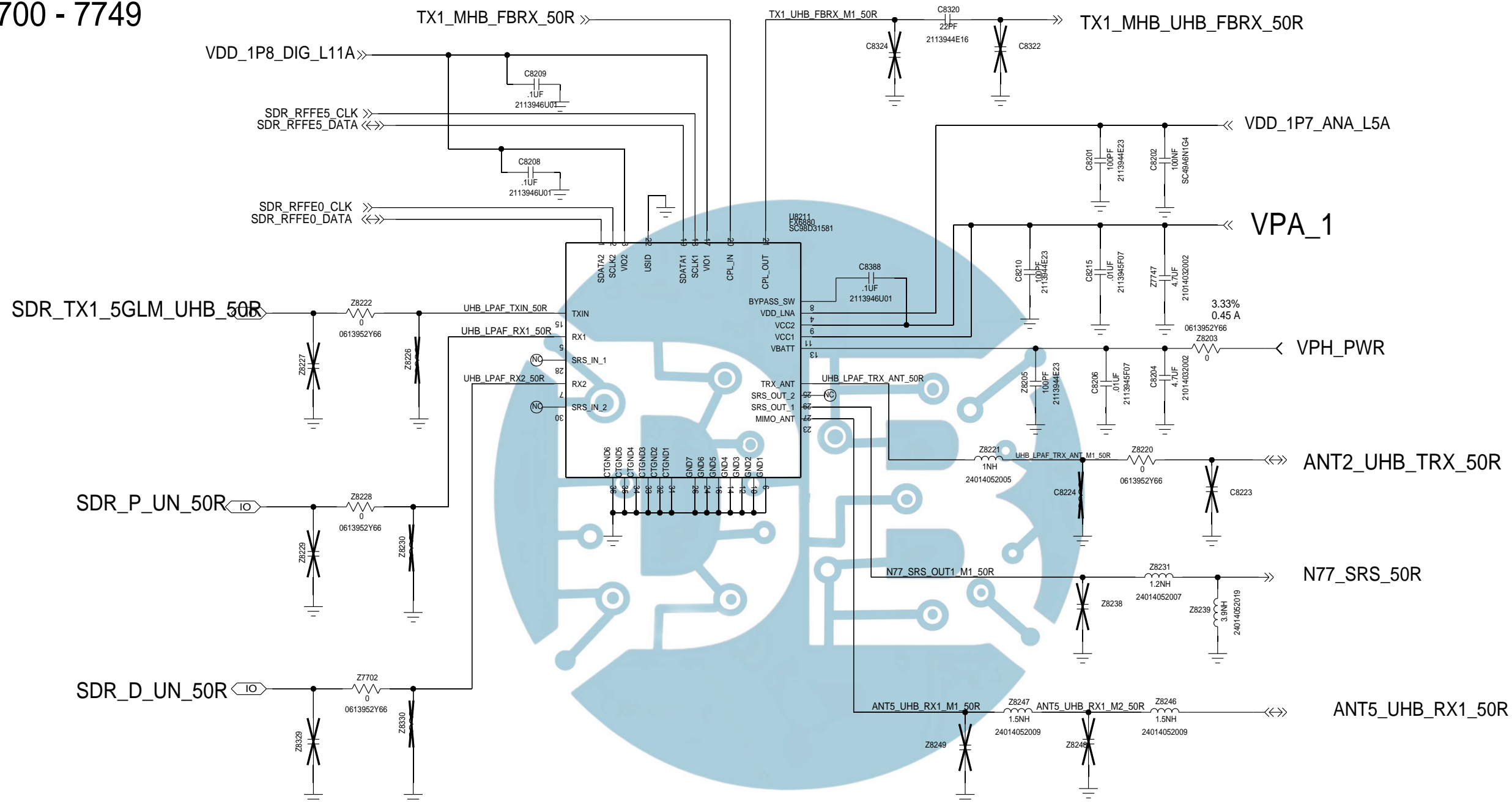
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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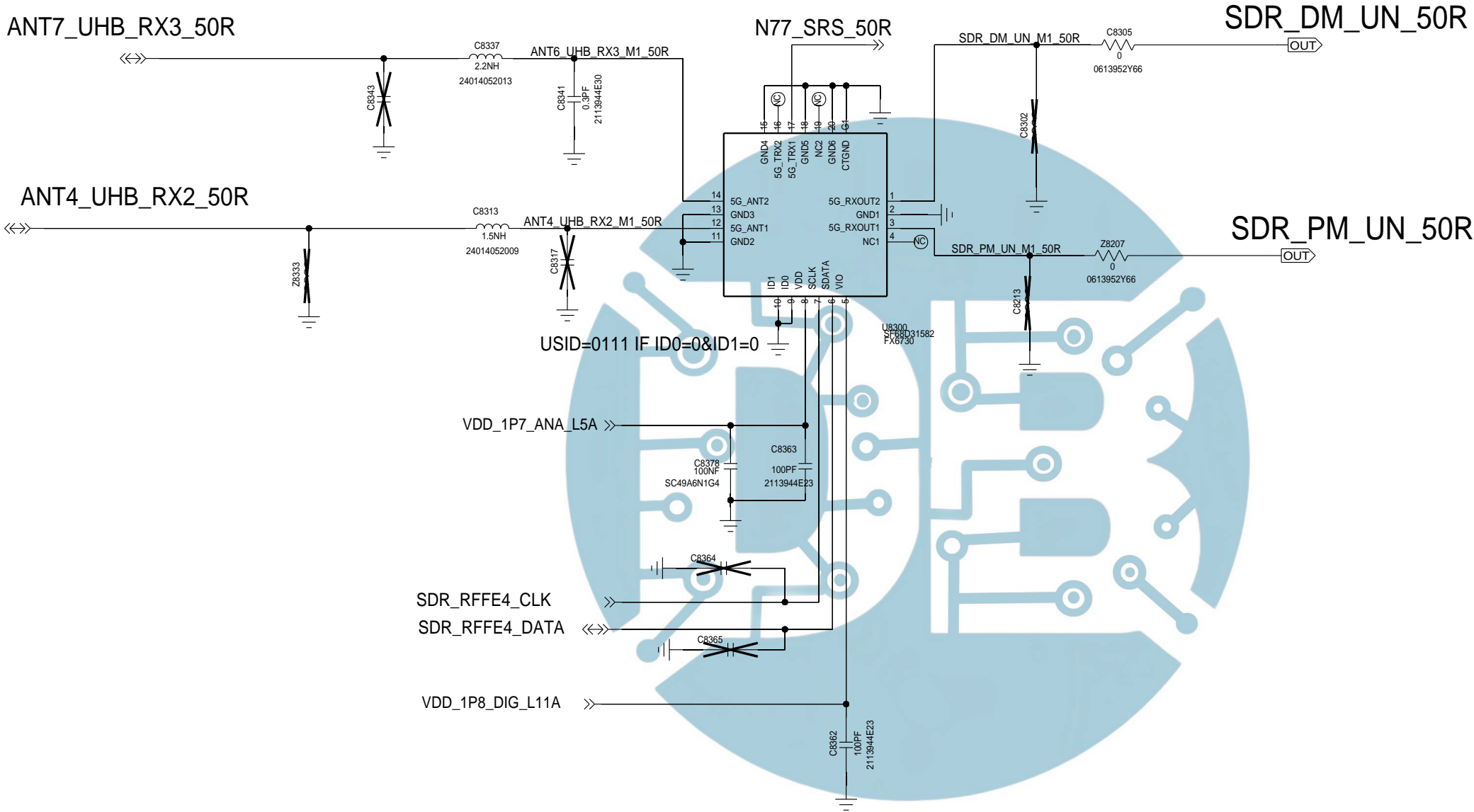
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REF 7700 - 7749



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REF 7750-7799



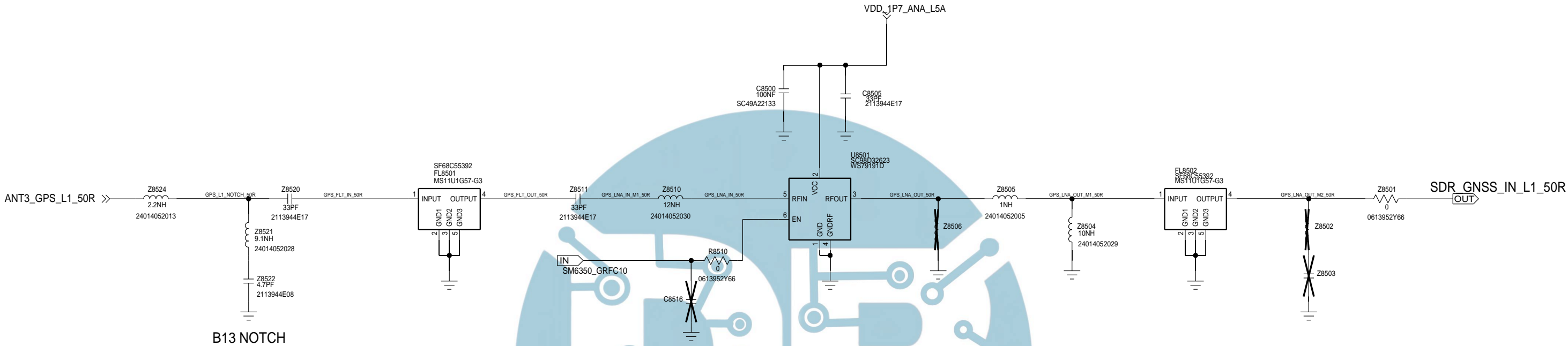
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		PAGE 69 OF 80	


REFDES: 7800-7899

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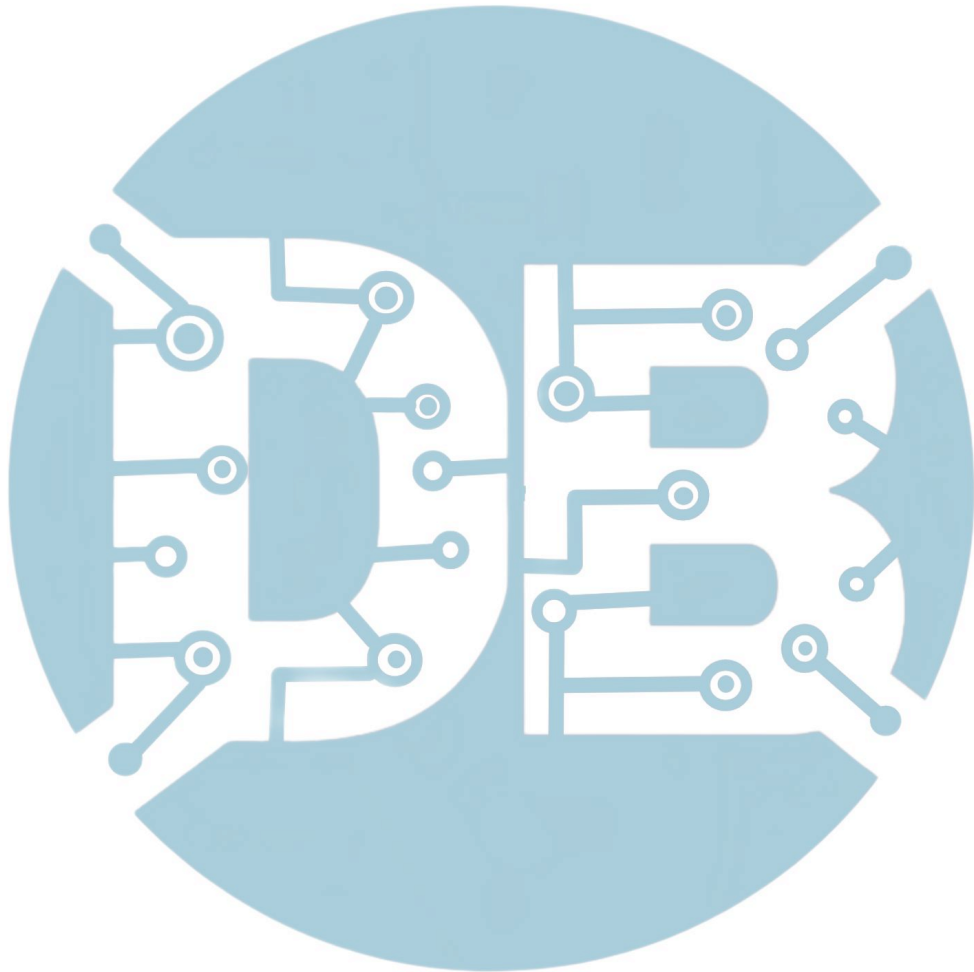
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		REV 01	
		CAD FILE NAME:	
		PAGE 71 OF 80	

RFFE:Reserved

REF 7900-7999



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		B miami_mb_c_20220624.cpm		01
		CAD FILE NAME:		PAGE 72 OF 80

8

7

6

5

4

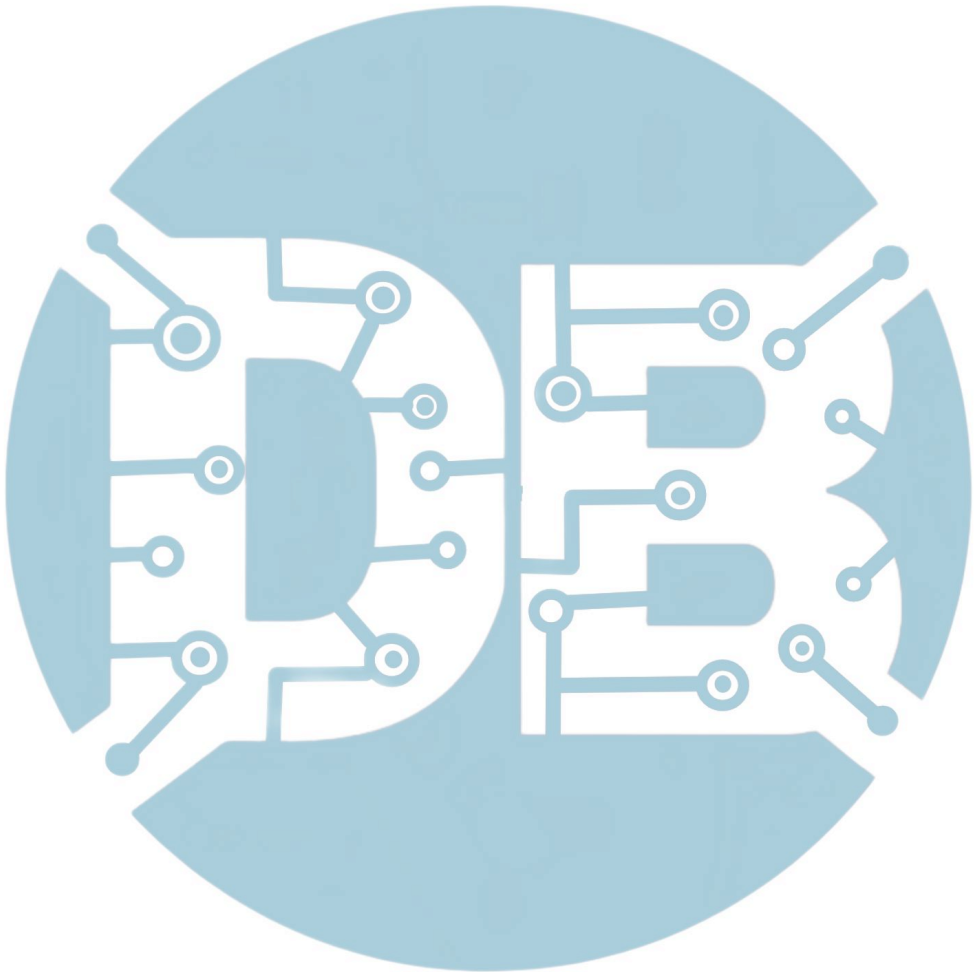
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2

1

SMR526: CTRL

REFDES: 8900-8910



APPROVALS		 MOTOROLA MOBILE DEVICES		
ENGINEER:		BLOCK TITLE:		
LAST MODIFIED BY: Mon Jan 17 14:30:54 2022		rffe		
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		B miami_mb_c_20220624.cpm		01
		CAD FILE NAME:		PAGE 73 OF 80

8

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6

5

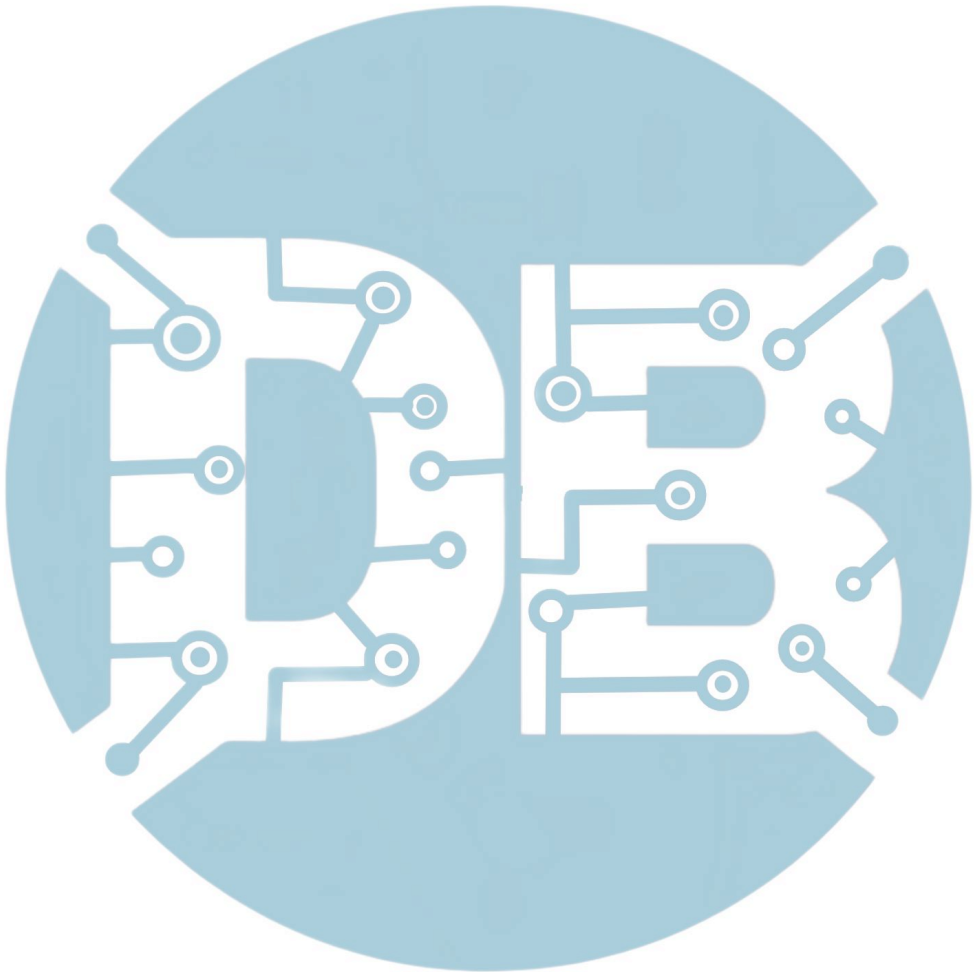
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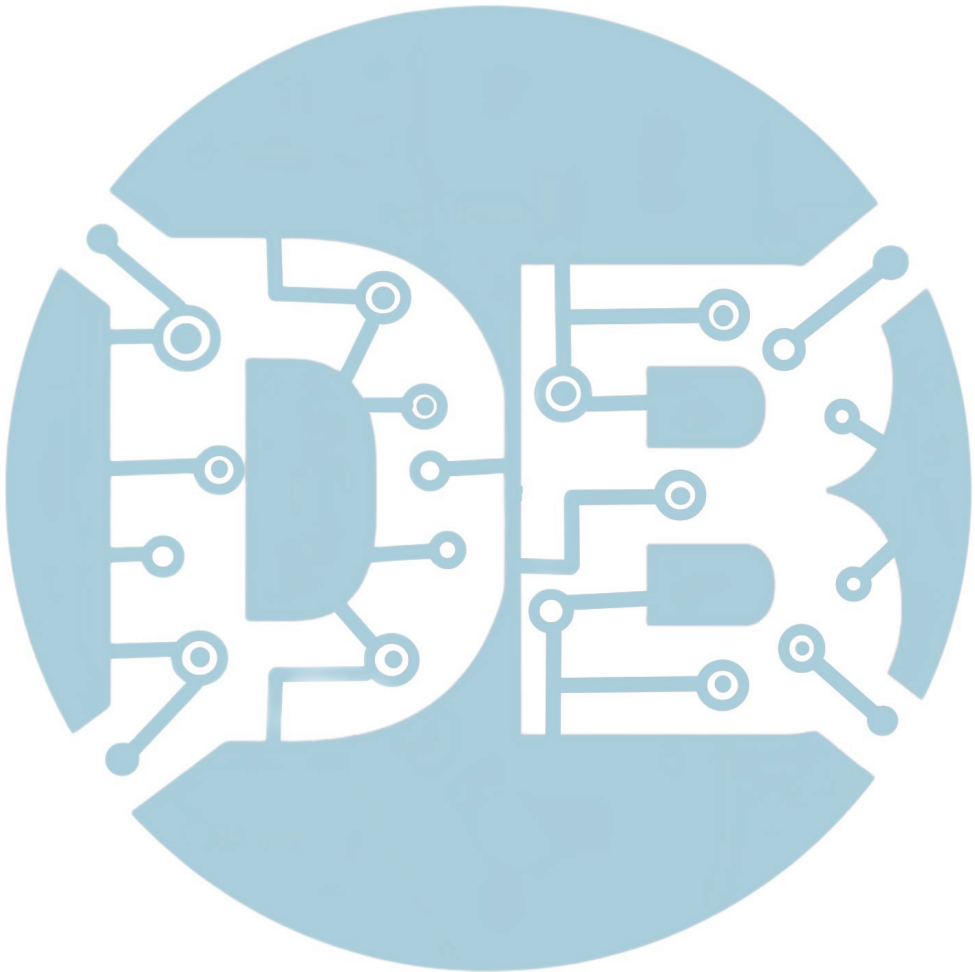
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8	7	6	5	4	3	2	1
<div>SMR526: PWR</div> <div>REFDES: 8910-8940</div>							
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C							C
B							B
A							A
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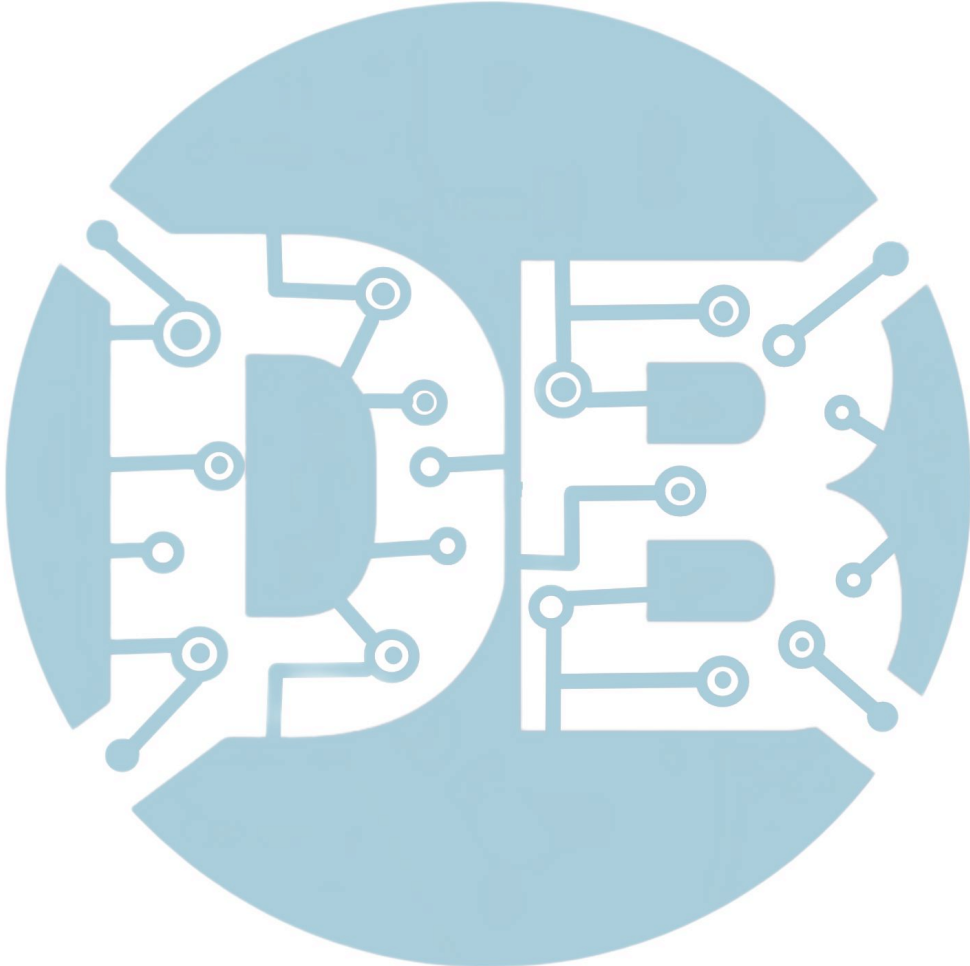



APPROVALS		<div> MOTOROLA</div> <div>MOBILE DEVICES</div>		
ENGINEER:		BLOCK TITLE: <div>rffe</div>		
LAST MODIFIED BY: Mon Jan 17 14:31:12 2022				
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		<div>CAD FILE NAME:</div>		<div>PAGE 74 OF 80</div>

PMR735B



APPROVALS		 MOTOROLA MOBILE DEVICES		
ENGINEER: MOTOLOLA		BLOCK TITLE:		
LAST MODIFIED BY: MOTOLOLA Mon Jan 17 14:31:30 2022		rfe		
<div>MOTOROLA CONFIDENTIAL RESTRICTED</div> <div>THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT. © COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION</div>		PROJECT NAME		REV
		B miami_mb_c_20220624.cpm		01
		CAD FILE NAME:		PAGE 75 OF 80

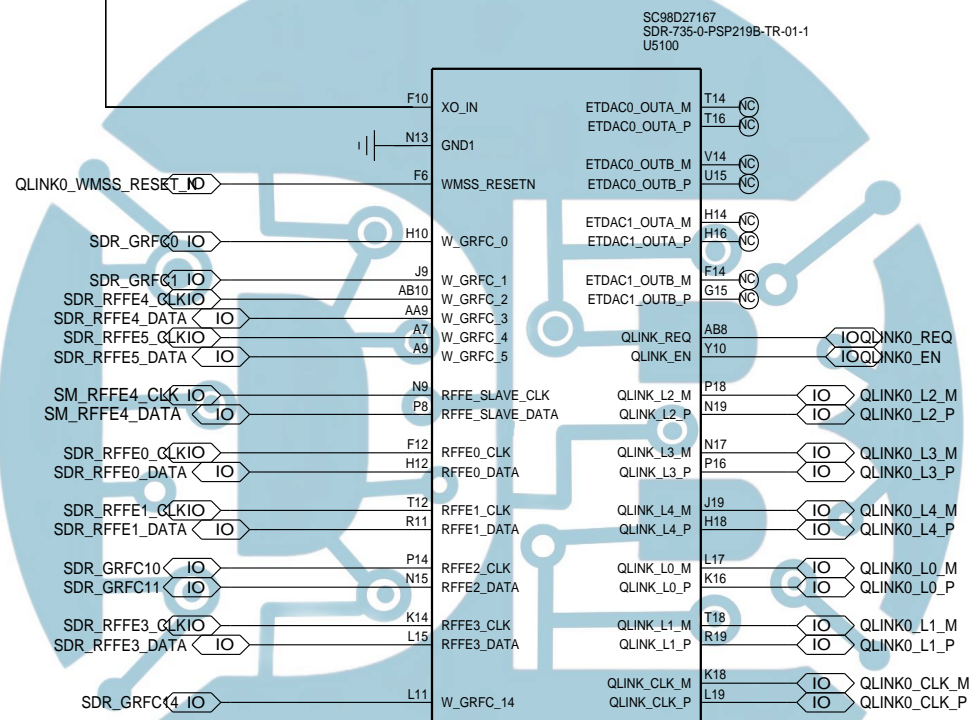
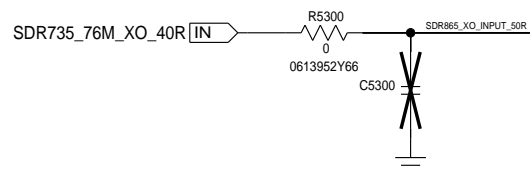
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C							C
B							B
A							A
8	7	6	5	4	3	2	1


APPROVALS	 MOTOROLA MOBILE DEVICES		
ENGINEER:	BLOCK TITLE:		
LAST MODIFIED BY: Mon Jan 17 14:31:48 2022	rffe		
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CAD FILE NAME:			PAGE 76 OF 80

SDR735: CTRL / QLINK

REFDES: 3300-3399

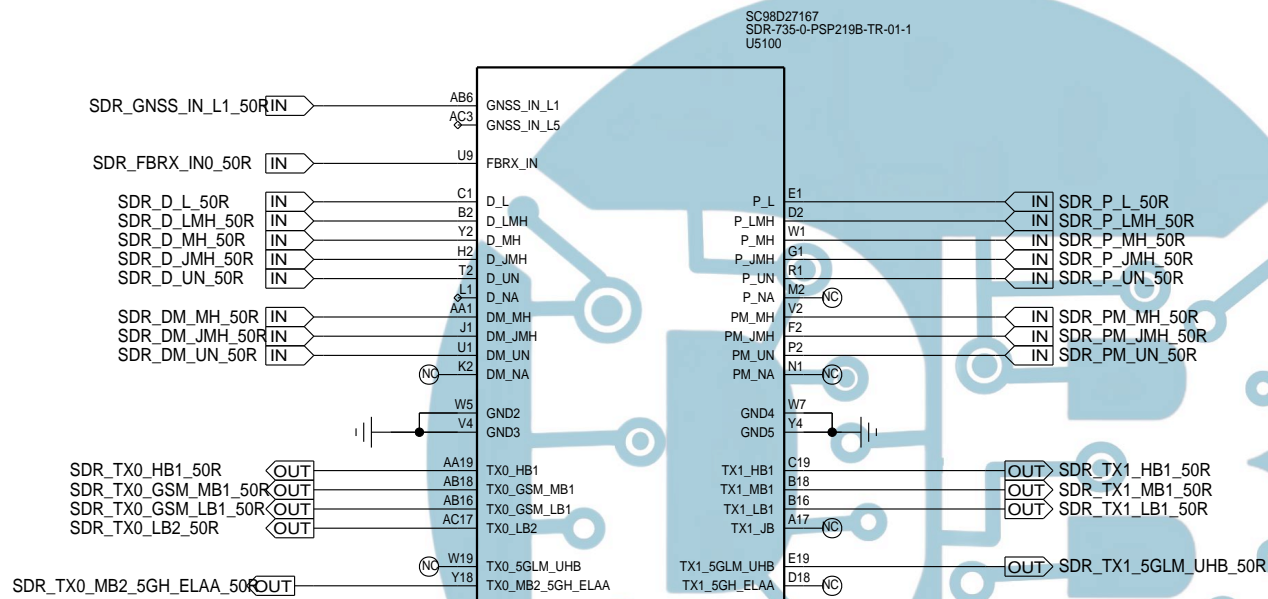
NOTE: CONTROLLED IMPEDANCE FOR XO LINE MUST BE BETWEEN 30 OHM AND 50OHM
LOW IMPEDANCE IS PREFERRED.
THE SERIES PLACEHOLDER MUST BE A 0 OHM RESISTOR SINCE THE XO SIGNAL CARRIES A DC BIAS TO THE XO_IN INPUT.
DO NOT SHUNT THE CAPACITOR ON THE XO_IN TRACE




APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOROLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOROLA Fri May 06 10:00:01 2022		rf_sdr735	
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		REV 01	
		CAD FILE NAME:	
		PAGE 77 OF 80	

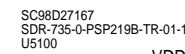
SDR735: TX & RX


REFDES: 3300-3399



APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOROLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOROLA Fri May 06 10:00:01 2022		rf_sdr735	
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		B 89741cpmb_c_20220624.cpm	01
CAD FILE NAME:			PAGE 78 OF 80

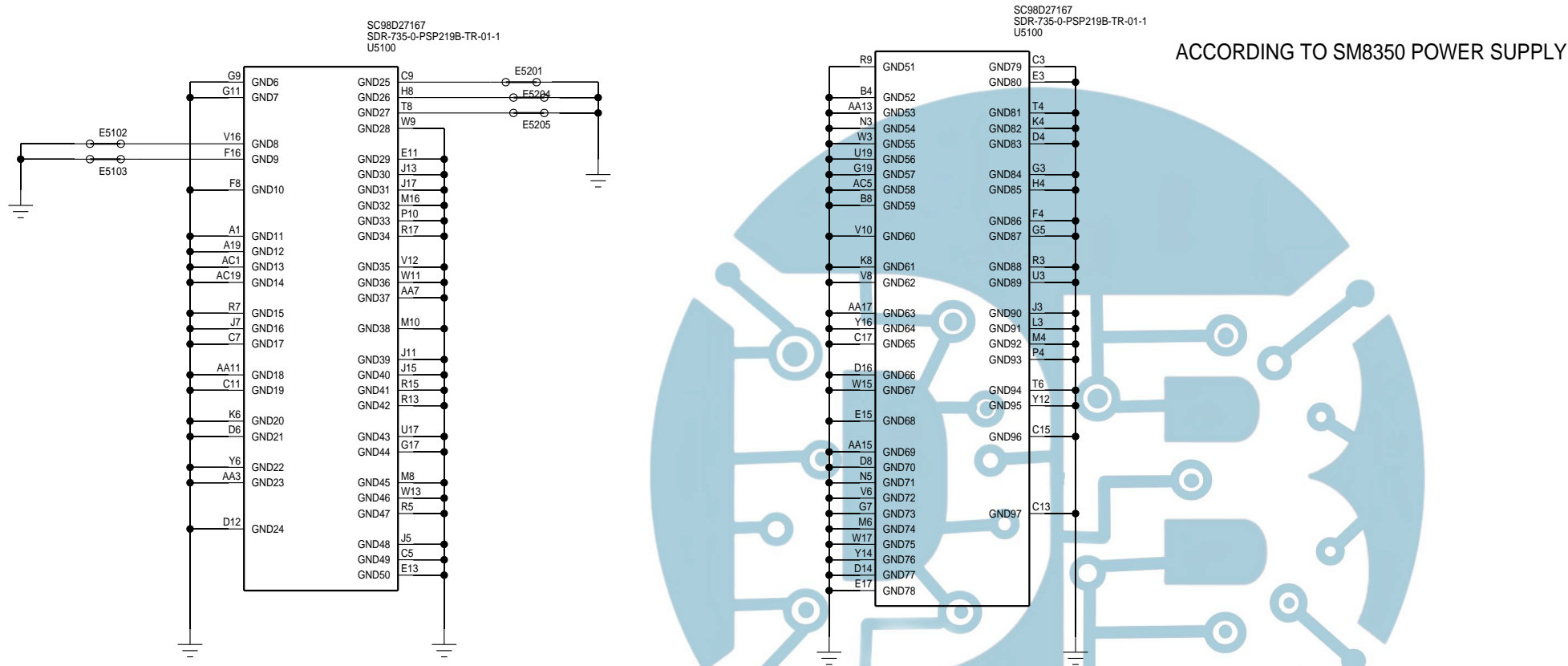
REFDES: 3400-3499




APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOROLA	BLOCK TITLE: rf_sdr735		
LAST MODIFIED BY: MOTOROLA Fri May 06 10:00:02 2022			
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SDR735 GND

REFDES: 3300-3399



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ENGINEER: MOTOROLA		BLOCK TITLE: rf_sdr735	
LAST MODIFIED BY: MOTOROLA Fri May 06 10:00:02 2022			
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		CAD FILE NAME:	PAGE 80 OF 80