

QUATTRO BLOCK

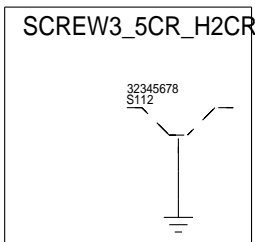
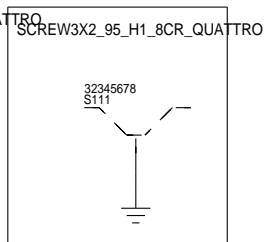
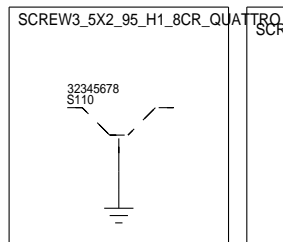
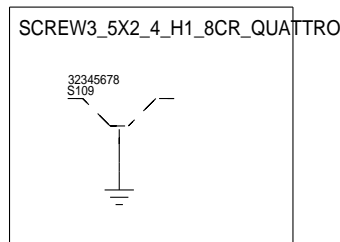
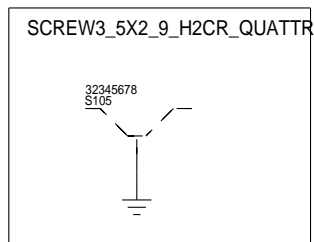
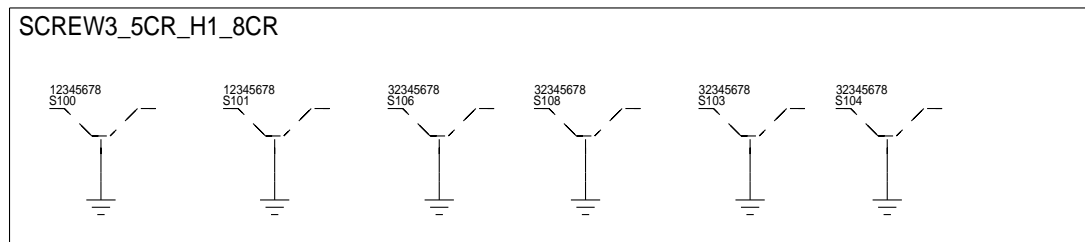
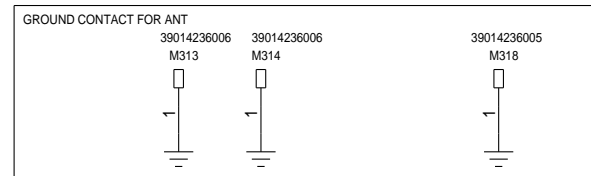
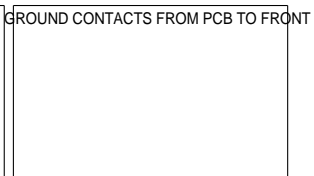
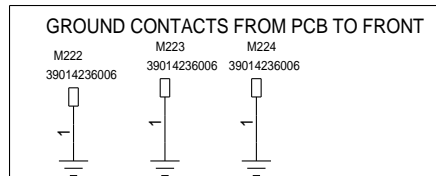


APPROVALS		REVISIONS	
ENGINEER:	MOTOROLA	ZONE	LTR
LAST MODIFIED BY:	MOTOROLA	DESCRIPTION	DATE
Wed Apr 03 11:16:44 2019			APPROVED
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CAD FILE NAME		REV	
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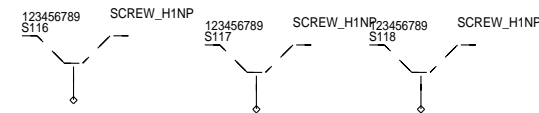
QUATTRO ME/SHIELDS

REFERENCE DESIGNATOR RANGES BY BLOCK

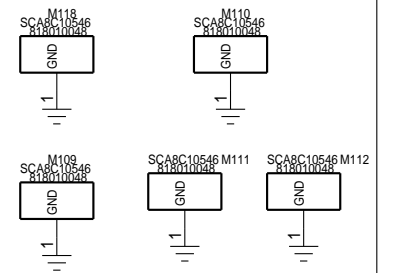
000 - 499: ANTENNA
500 - 699: POWER
700 - 799: AMPS
800 - 899: USER INPUT
1000-2999: SDM660 + PM660 + PM660A
3000-3199: WTR5975
4000-4499: CONNECTIVITY
4500-4999: AUDIO FE
5000-5499: DISPLAY
5500-5999: IMAGERS
6000-6999: XMCS
7000-8999: RFFE
9000-9999: PRODUCT-SPECIFIC (FILTERING, 100PF CAPS)



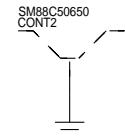
SCREW_H1NP



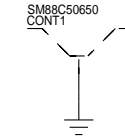
COAX GND CLIPS



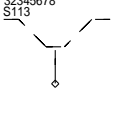
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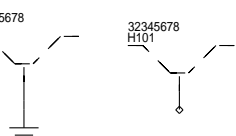
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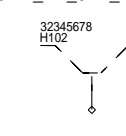
SCREW_H0_6X1_80BNP



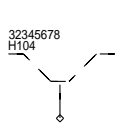
SCREW3_5X2_95_H1_8CR_QUATTRO



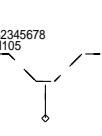
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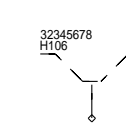
1.6MM NPTH



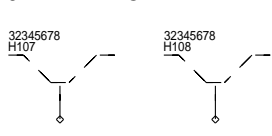
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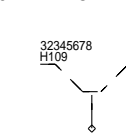
2.0MM NPTH



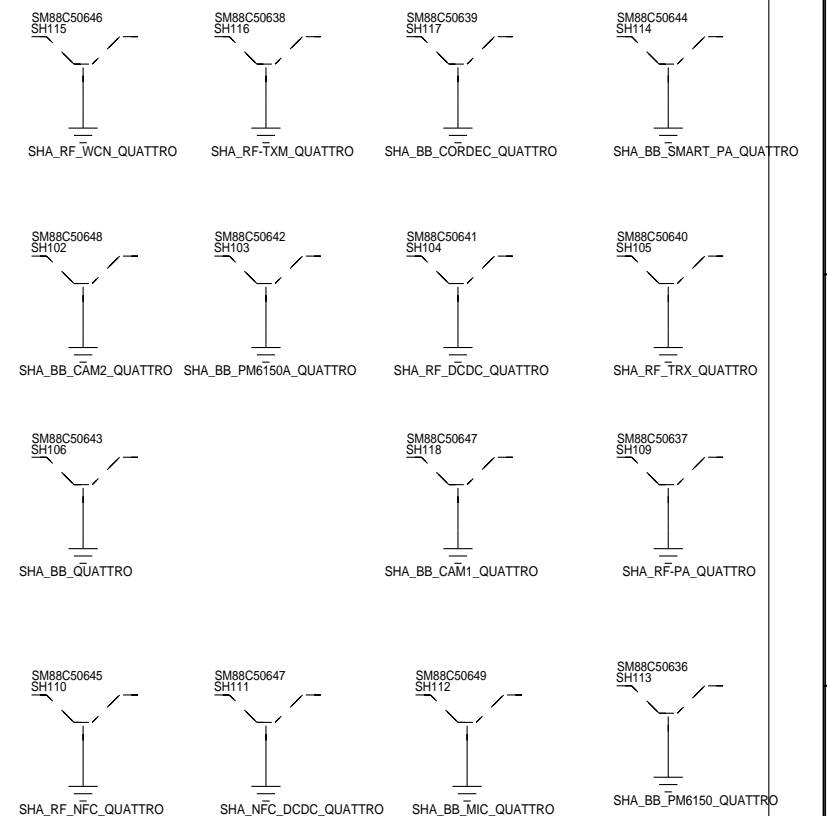
1.6MM X 2.2 OBNPTH



0.6MM X 2 OBNPTH



SHIELDS

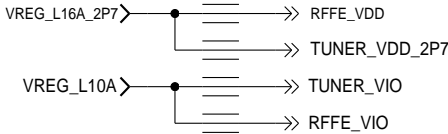


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		CAD FILE NAME: PAGE 2 OF 67	

ANT: PORTS

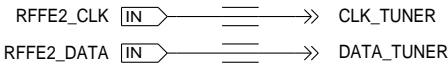
REFDES: 000 - 499

SUPPLIES

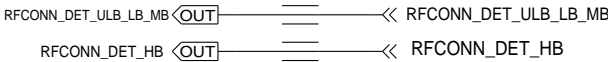



VERIFY POWER SUPPLIES TP PMIC

TUNER INTERFACE



INPUTS /OUTPUTS - RF_CON_DET



APPROVALS		<div> MOTOROLA</div> <div>MOBILE DEVICES</div>	
ENGINEER: MOTOROLA		BLOCK TITLE: <div>antennas</div>	
LAST MODIFIED BY: MOTOROLA Mon May 27 15:57:22 2019			
<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>		<div>B</div> <div>PROJECT NAME sr28c48948_b_0527.cpm</div>	<div>REV 03</div>
		CAD FILE NAME:	PAGE 3 OF 67

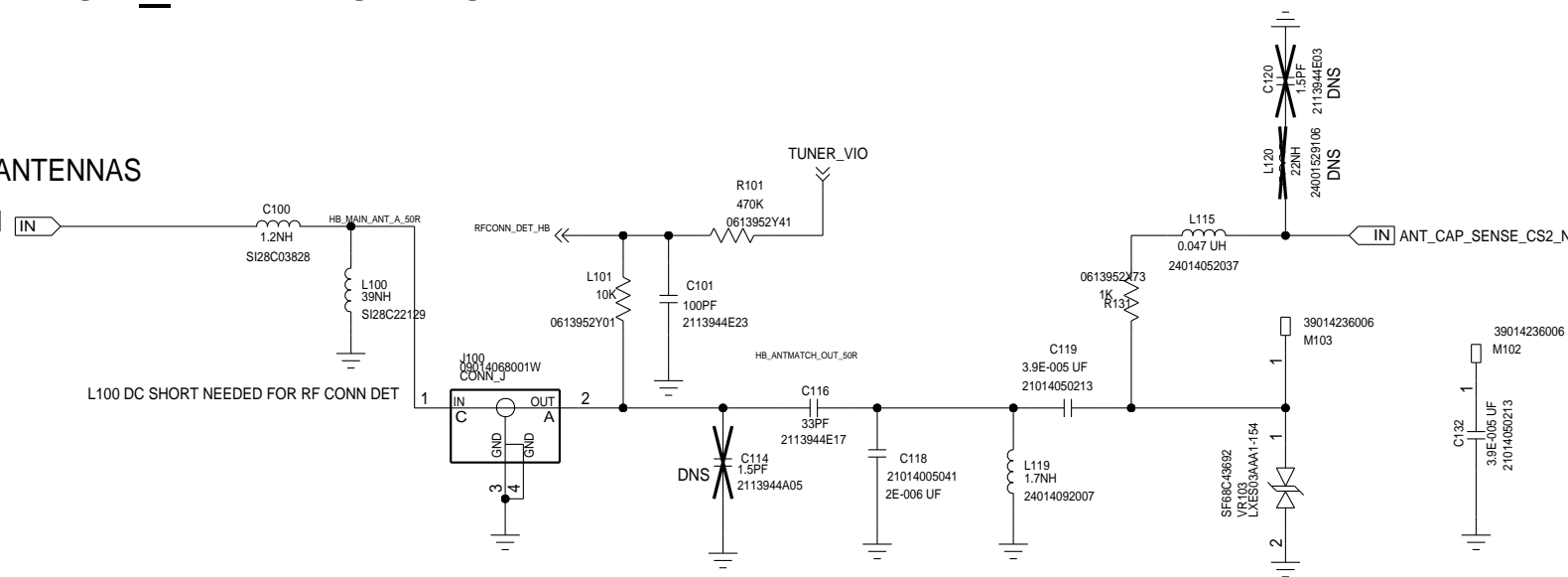
ANT: HB MAIN + MB_HB DIV

REFDES: 100-199

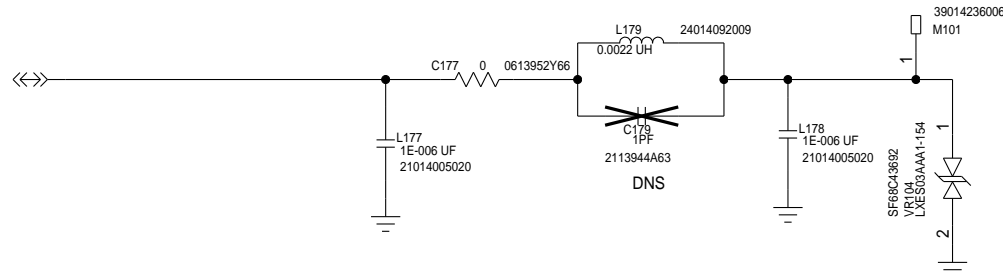
ANTENNA 2 - DIRECT_FED BOTTOM



HIGH BAND ANTENNAS

HB_MAIN_ASM



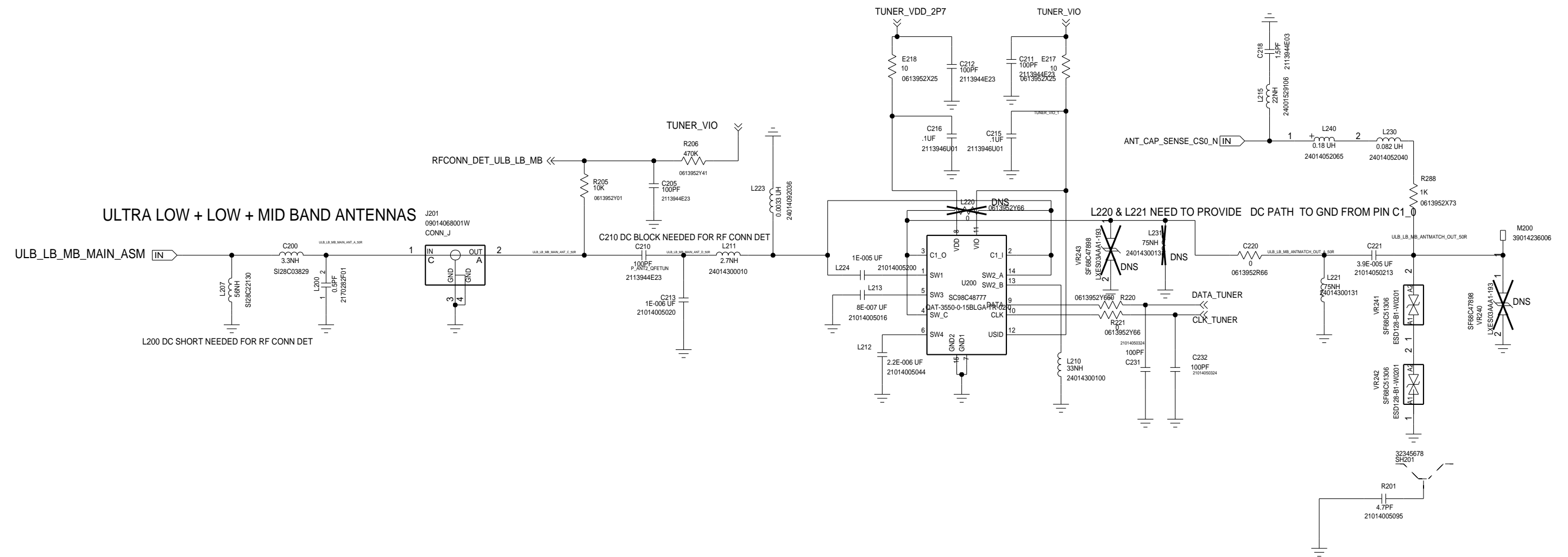
MB_HB_DRX_COAX_IN_50R



APPROVALS		<div> MOTOROLA</div> <div>MOBILE DEVICES</div>	
ENGINEER: MOTOROLA		BLOCK TITLE: antennas	
LAST MODIFIED BY: MOTOROLA Mon May 27 15:57:24 2019			
<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.</div> <div> COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION</div>		<div>B</div> <div>PROJECT NAME</div> <div>sr28c48948_b_0527.cpm</div>	<div>REV</div> <div>03</div>
		<div>CAD FILE NAME:</div> <div>PAGE 4 OF 67</div>	

ANT: ULB+LB+MB MAIN
REFDES: 200-299

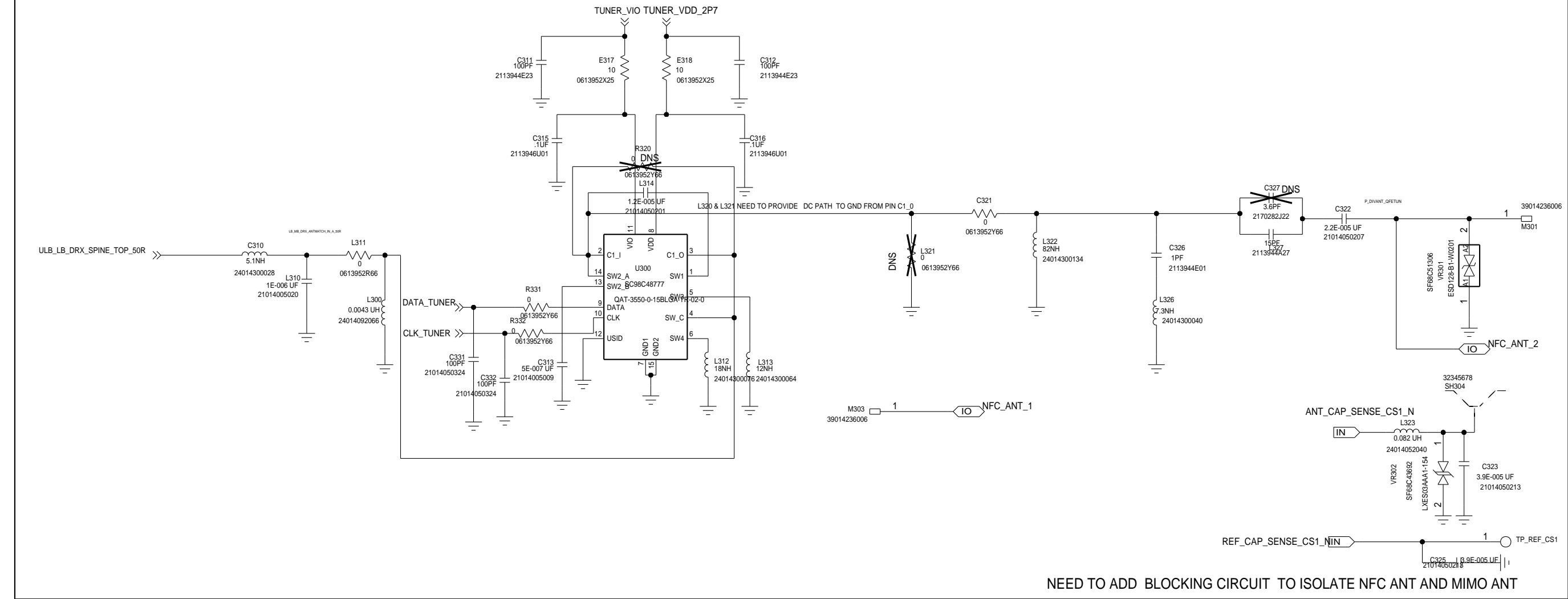
ANTENNA 1 - COUPLED FED LOOP BOTTOM



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ENGINEER: MOTOROLA		antennas	
LAST MODIFIED BY: MOTOROLA Mon May 27 15:57:25 2019		PROJECT NAME	
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ANT: ULB+LB DIV
REFDES: 300-399

ANTENNA 2 - DIRECT FED LOOP TOP



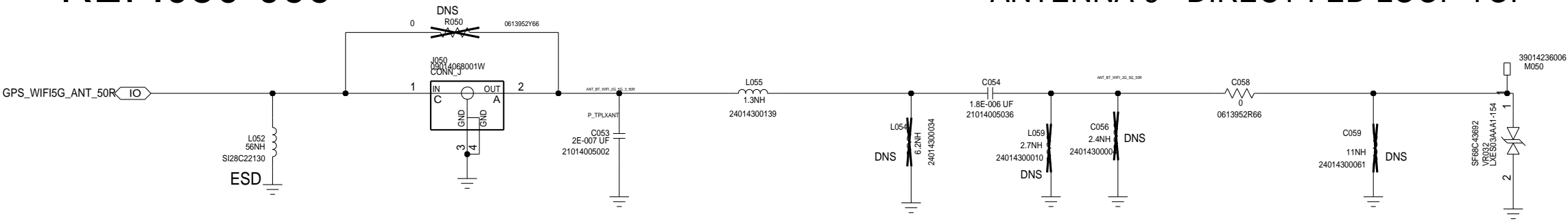
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ANT4 : GPS+WLAN2.4GHZ
ANT6 : WLAN 5GHZ

REF:050-099

ANTENNA 5 - DIRECT FED LOOP TOP

ANTENNA 6 - DIRECT FED LOOP TOP



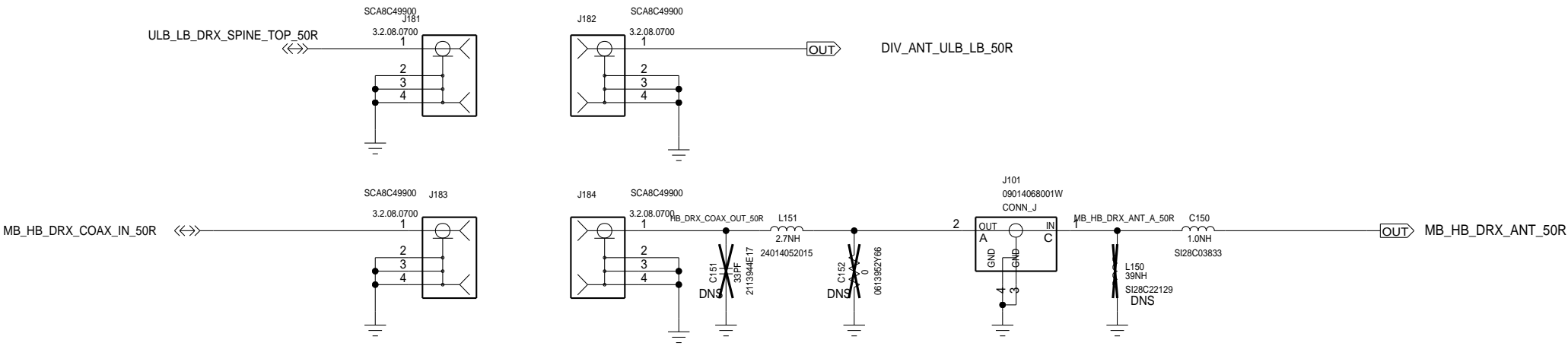
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ANT: SPINE COAX


REFDES: 400-499

TOP OF SPINE

BOTTOM OF SPINE



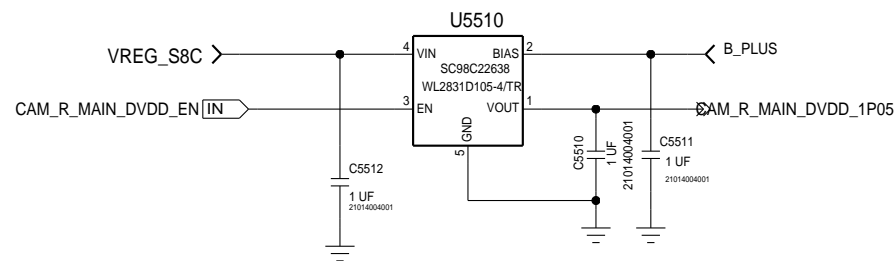
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LAST MODIFIED BY: MOTOROLA Mon May 27 15:57:30 2019		antennas	
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		REV 03 PAGE 8 OF 67	

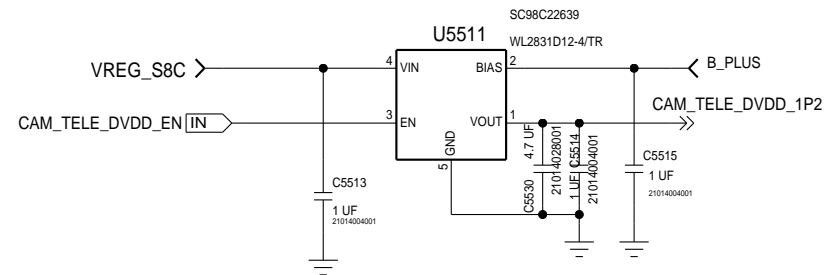
CAM: POWER

REF:5500-5549

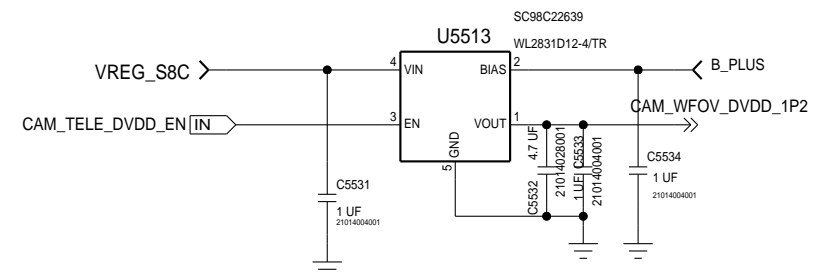
REAR MAIN IMAGER DVDD LDO 1.05V



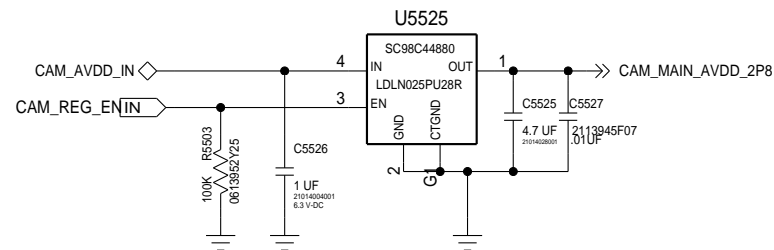
REAR TELE IMAGER DVDD LDO 1.2V



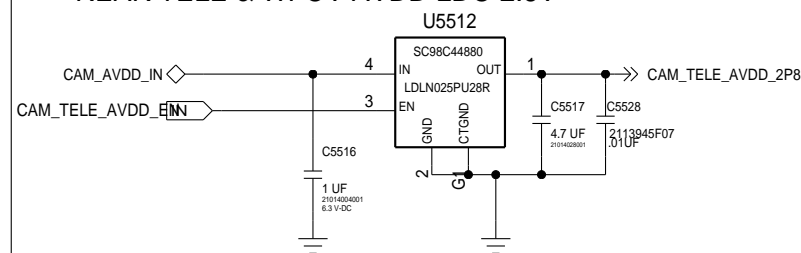
REAR WFOV IMAGER DVDD LDO 1.2V



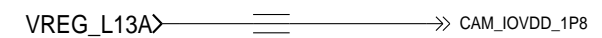
MAIN IMAGER AVDD LDO 2.8V



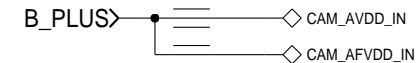
REAR TELE & WFOV AVDD LDO 2.8V



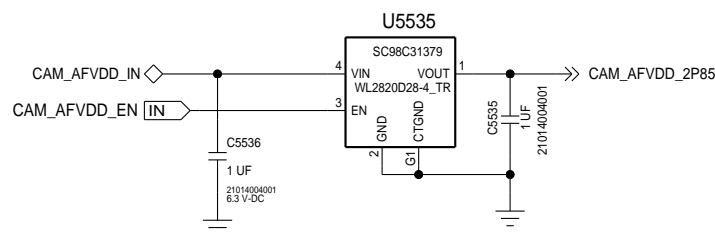
IMAGER IOVDD LDO 1.8V



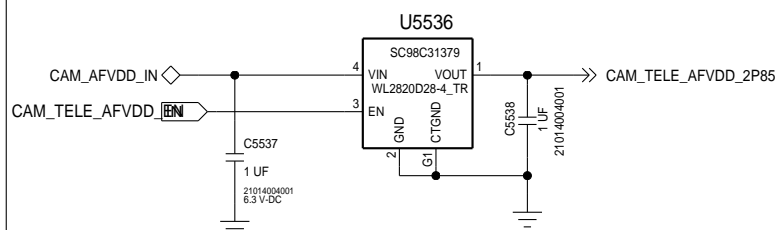
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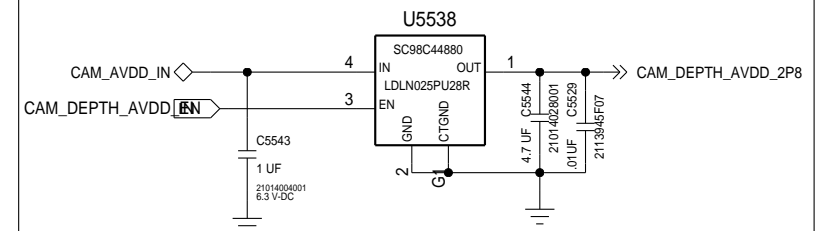
MAIN IMAGER AFVDD LDO 2.8V



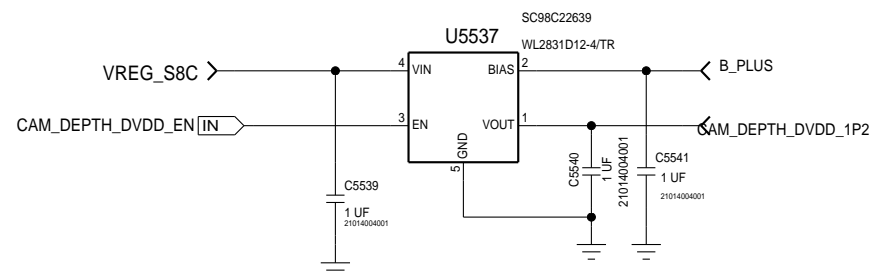
TELE AFVDD LDO 2.8V



REAR DEPTH AVDD LDO 2.8V



DEPTH DVDD LDO 1.2V



APPROVALS

ENGINEER: MOTOROLA

LAST MODIFIED BY: MOTOROLA
Wed Apr 03 11:16:39 2019

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BLOCK TITLE:

imagers

PROJECT NAME
B sr28c48948_b_0527.cpm

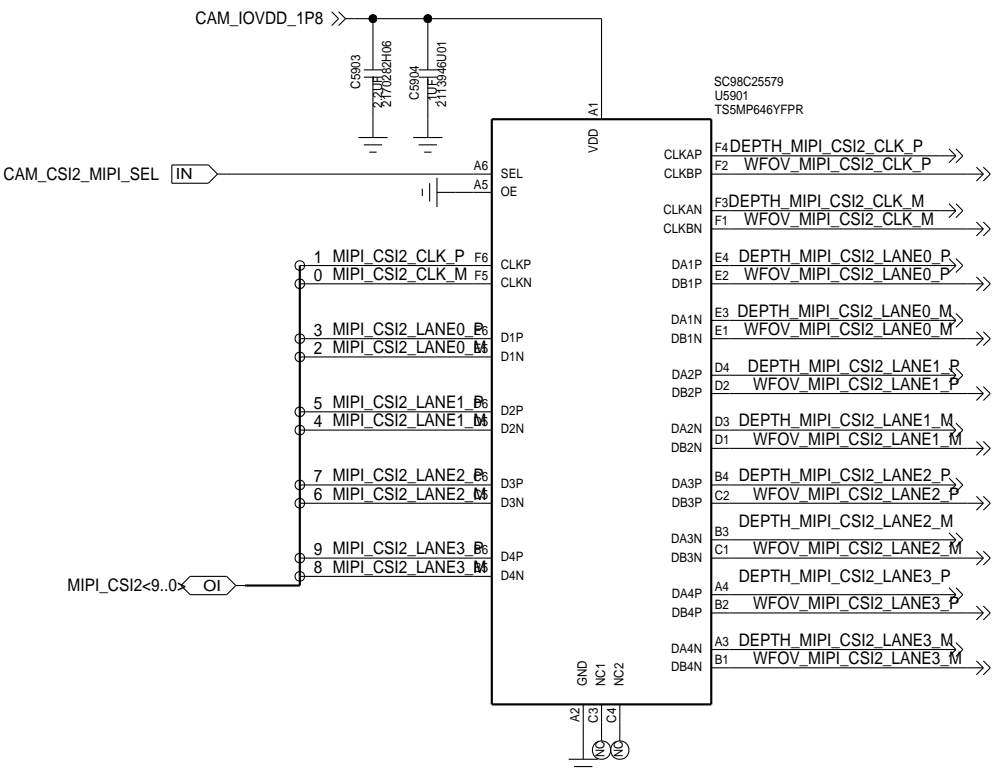
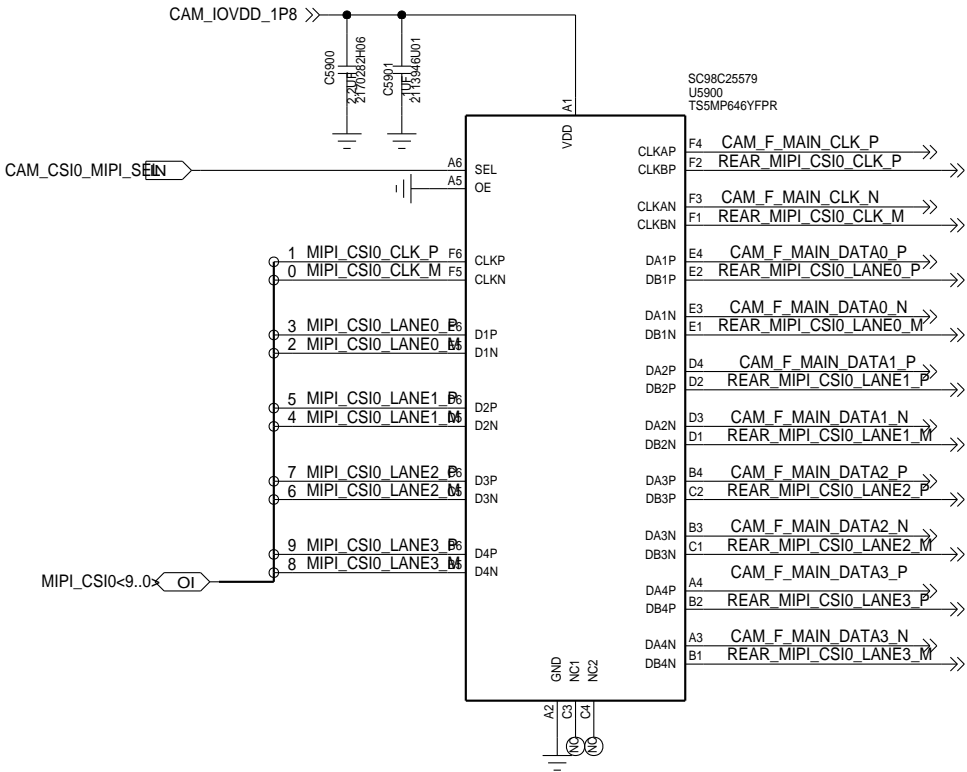
CAD FILE NAME:

REV
03

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CAM: MIPI MUX
REF:5900-05919

FRONT/REAR MAIN IMAGER MIPI SWITCH
CSI MIPI MUX



APPROVALS

ENGINEER: MOTOROLA

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MOTOROLA
MOBILE DEVICES

BLOCK TITLE:

imagers

PROJECT NAME

B sr28c48948_b_0527.cpm

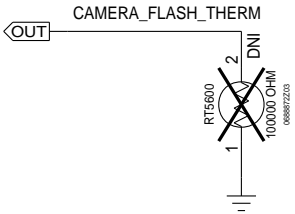
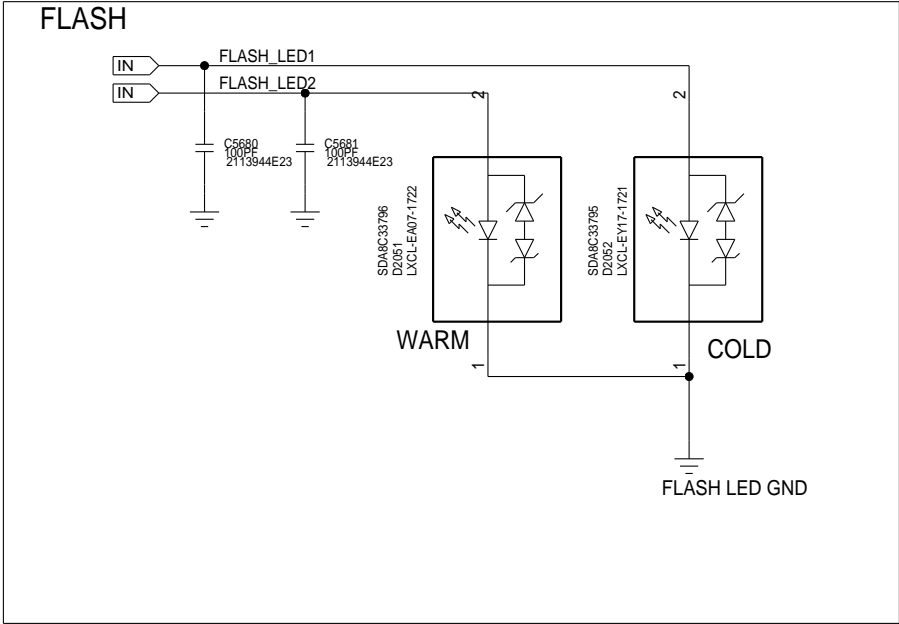
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03

CAD FILE NAME:

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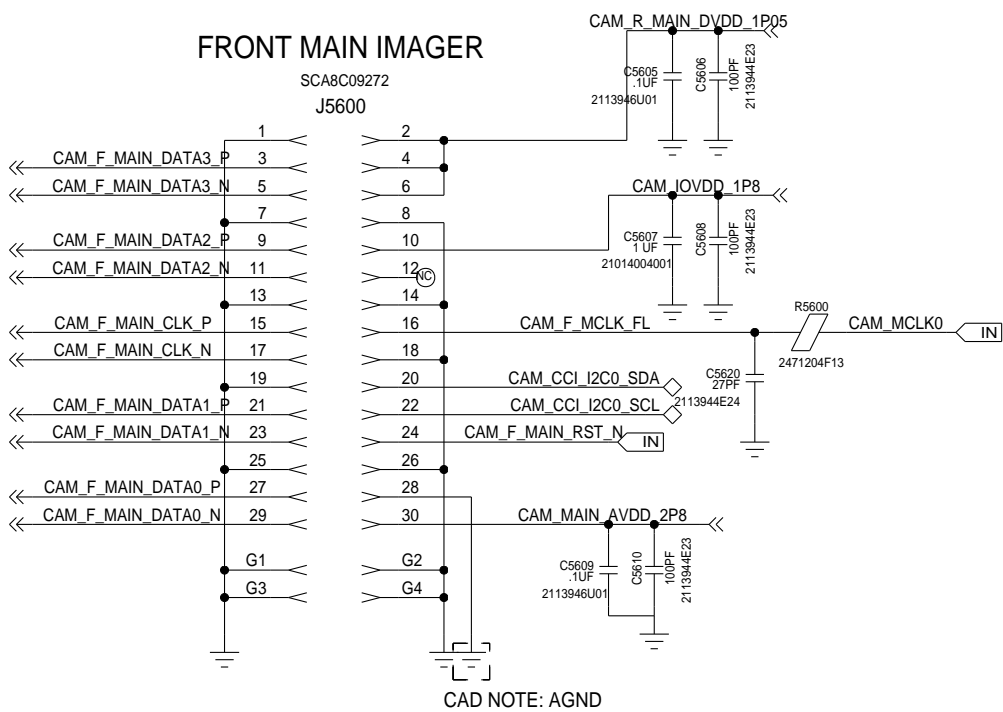
CAM: FLASH




APPROVALS		<div> MOTOROLA</div> <div>MOBILE DEVICES</div>		
ENGINEER: MOTOROLA		<div>BLOCK TITLE:</div> <div>imagers</div>		
LAST MODIFIED BY: MOTOROLA Wed Apr 24 14:53:17 2019				
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		B sr28c48948_b_0527.cpm		03
		CAD FILE NAME:		PAGE 11 OF 67

CAM: FRONT CAMERA

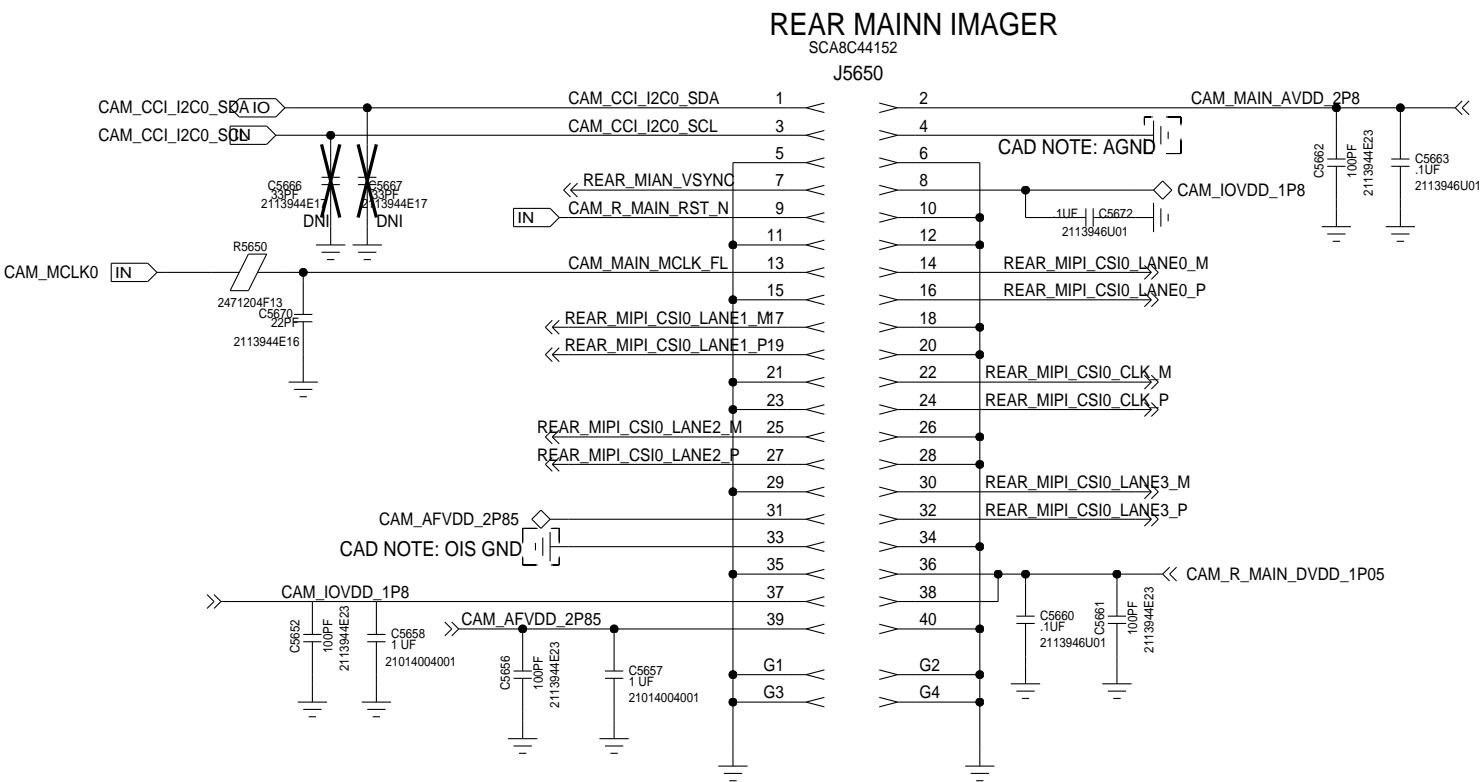
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APPROVALS		<div> MOTOROLA</div> <div>MOBILE DEVICES</div>		
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LAST MODIFIED BY: MOTOROLA <div>Wed Apr 03 11:16:40 2019</div>				
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		<div>CAD FILE NAME:</div>		<div>PAGE 12 OF 67</div>

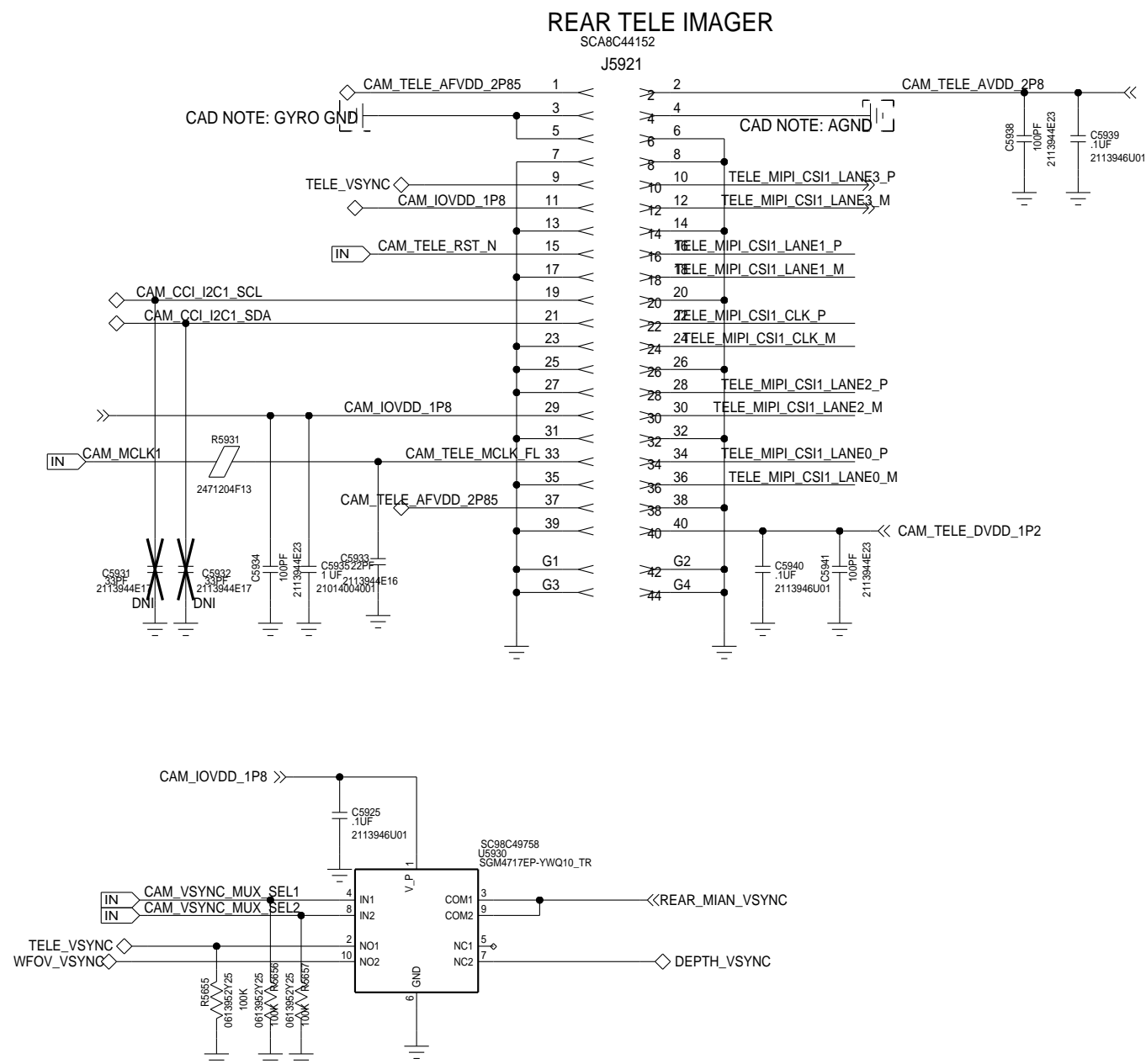
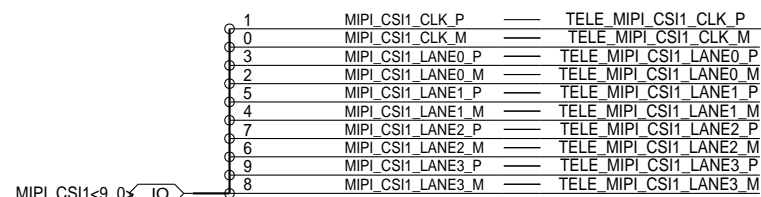
CAM: REAR MAIN & WFOV


REF 5650-5699



APPROVALS		<div> MOTOROLA</div> <div>MOBILE DEVICES</div>	
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LAST MODIFIED BY: MOTOROLA <div>Wed Apr 03 11:16:41 2019</div>			
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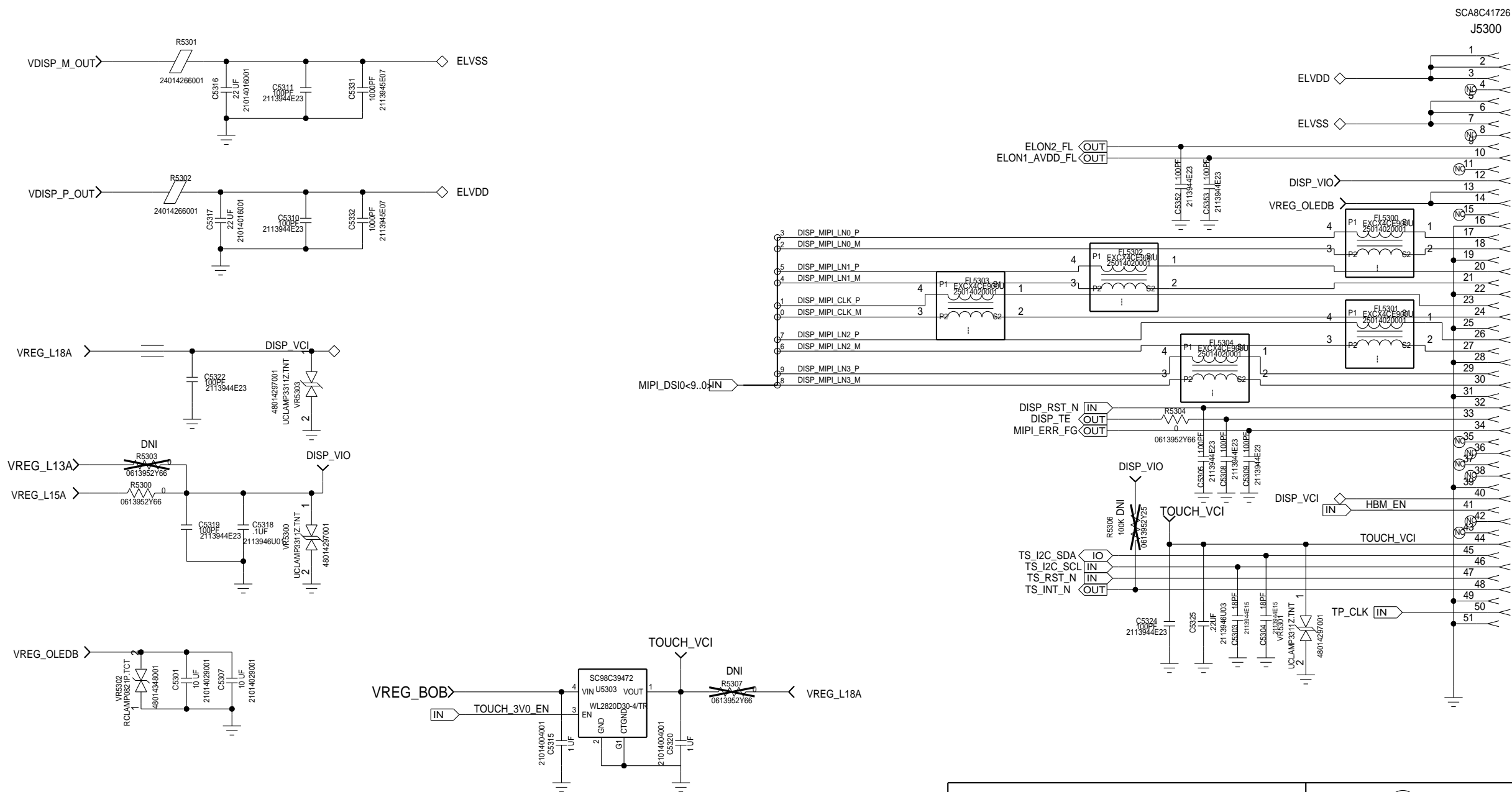
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Wed Apr 17 17:28:14 2019			
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		CAD FILE NAME:	PAGE 14 OF 67

DISPLAY CONNECTOR

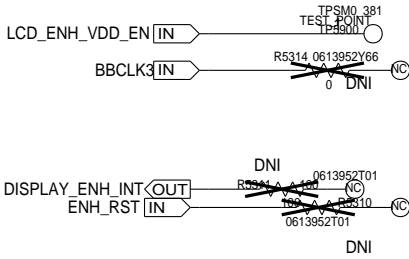
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Tue May 14 13:49:07 2019		PROJECT NAME B sr28c48948_b_0527.cpm	
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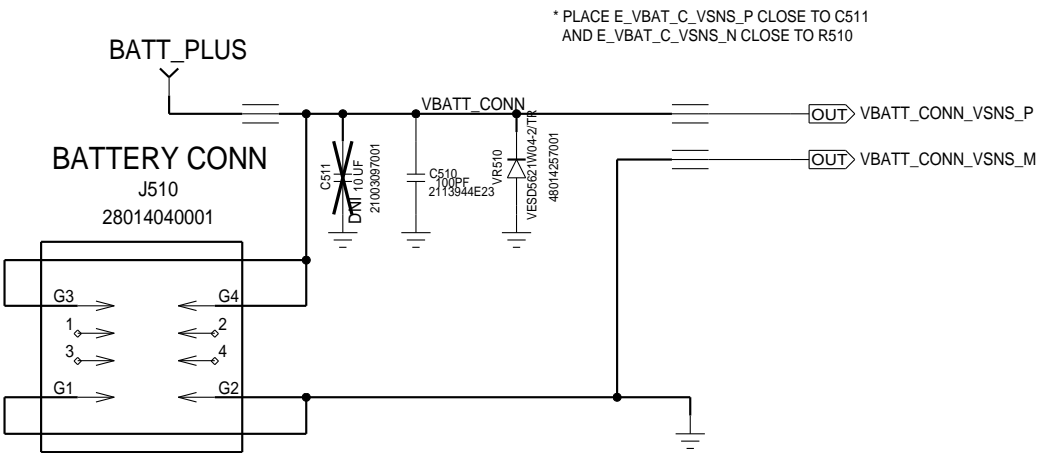
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REF: 5300-5349

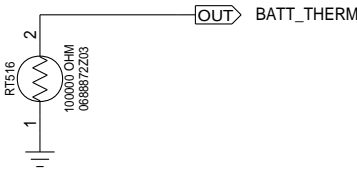


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		<div>CAD FILE NAME:</div> <div>PAGE 16 OF 67</div>	

PWR: BATT
REF: 510-519, 650-659

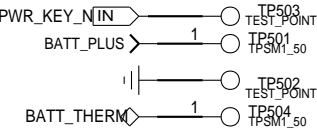


BATT_THERM




* PLACE BATTERY THERMISTOR ON TOP LAYER
MIDDLE OF THE SPINE NEXT TO THE BATTERY

FACTORY TEST POINT



MOTOROLA MOBILITY CONFIDENTIAL RESTRICTED-MDB TRACKED TRACKEDANDBLOCKED

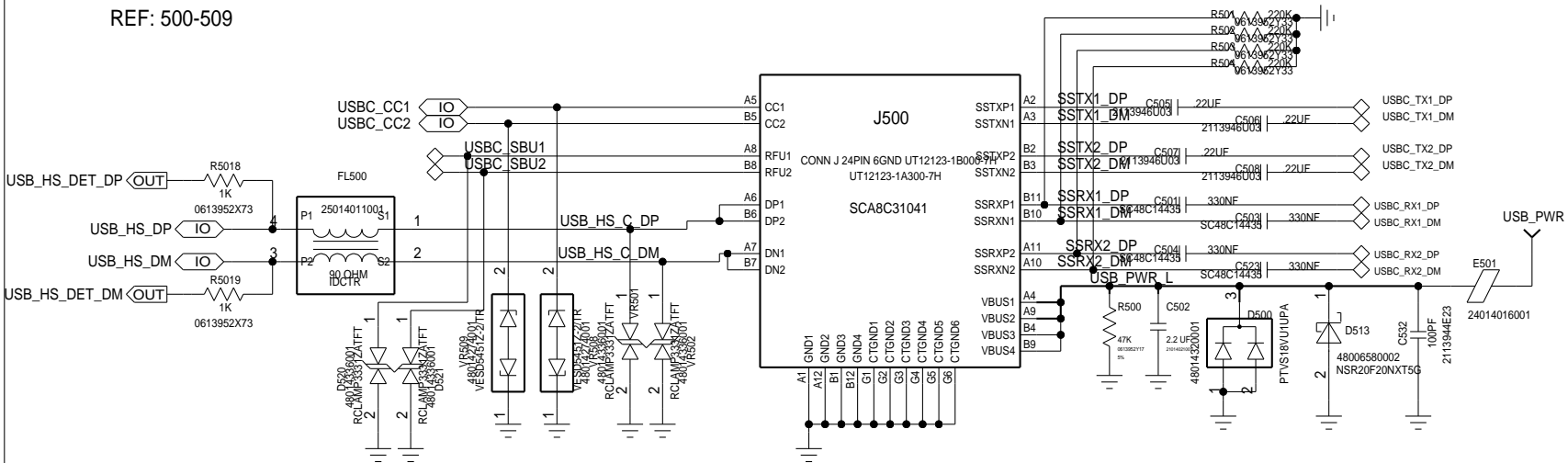
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		REV 03	
CAD FILE NAME:			PAGE 17 OF 67

PWR: USB TYPE C

REF: 500-509,520-539,550-559

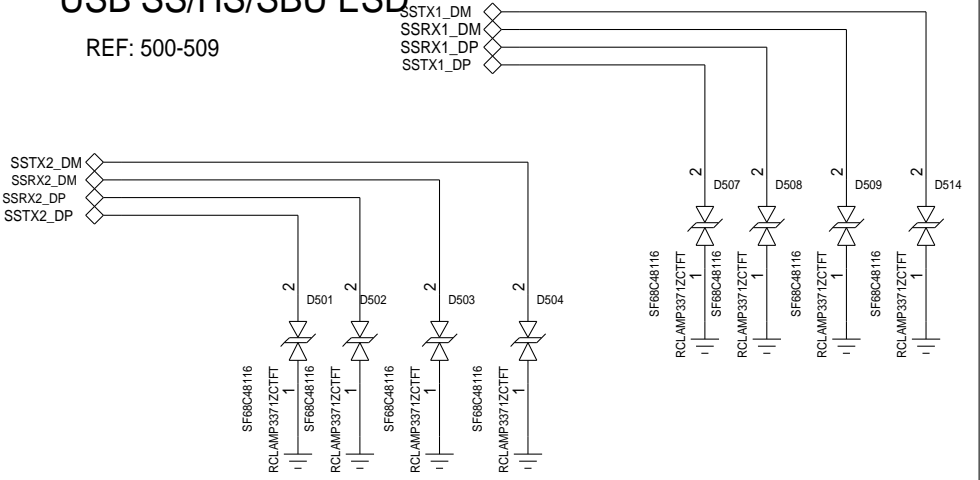
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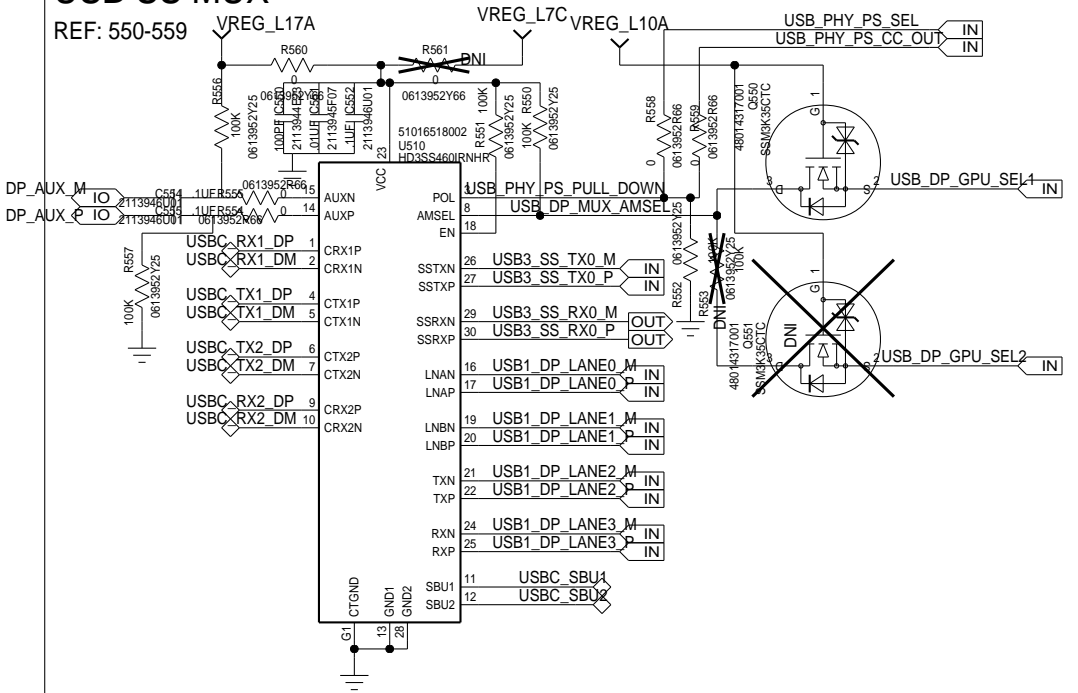
USB SS/HS/SBU ESD

REF: 500-509




USB SS MUX

REF: 550-559



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		CAD FILE NAME:	PAGE 18 OF 67

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PWR: EXT CHARGER

REF: 560-579

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MOTOROLA MOBILITY CONFIDENTIAL RESTRICTED-MDB TRACKED TRACKEDANDBLOCKED

APPROVALS



ENGINEER: MOTOROLA

BLOCK TITLE:

LAST MODIFIED BY: MOTOROLA
Tue Aug 01 17:32:39 2017

power

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PROJECT NAME

B	sr28c48948_b_0527.cpm
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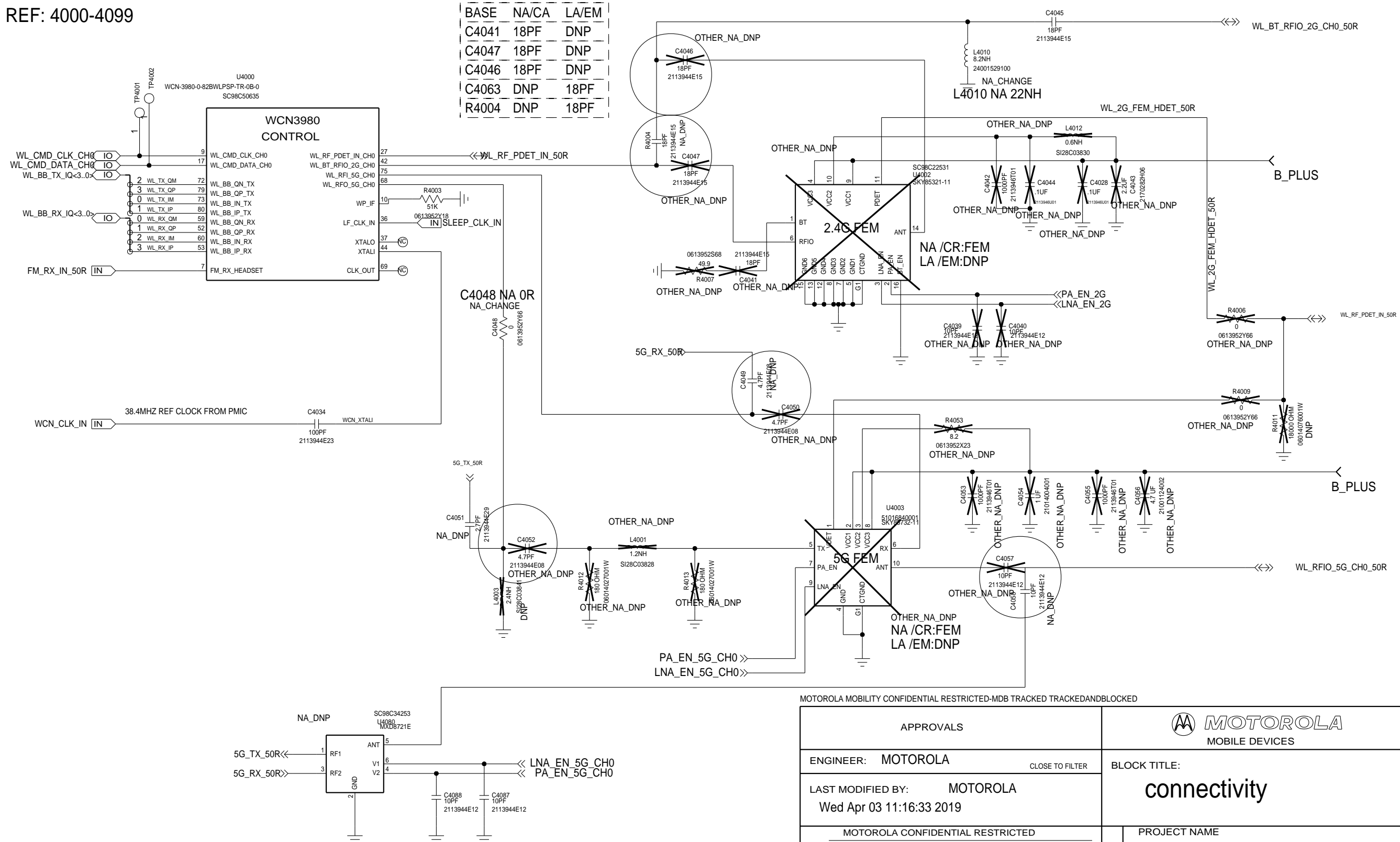
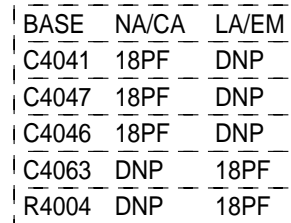
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03

CAD FILE NAME:


PAGE 19 OF 67

REF: 4000-4099



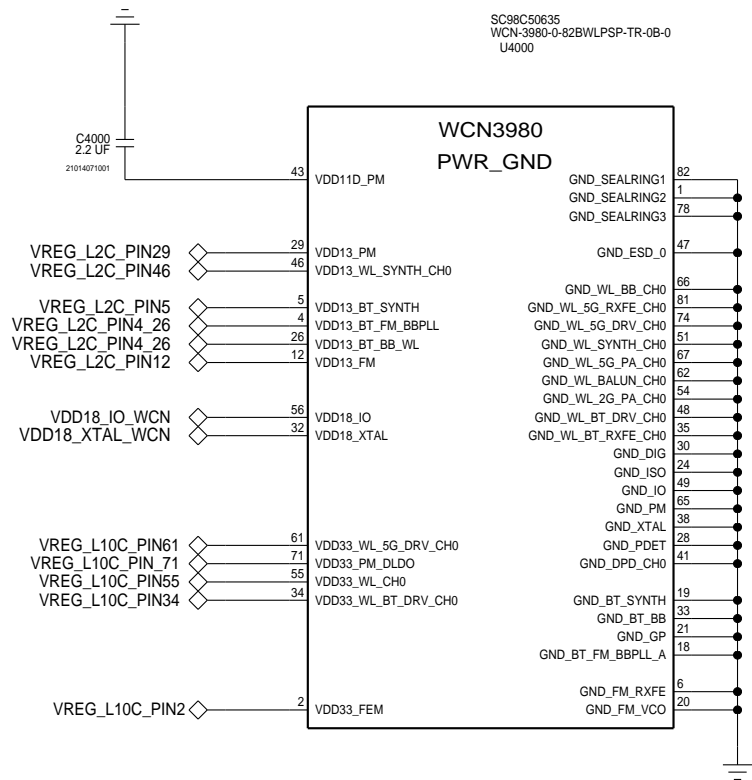
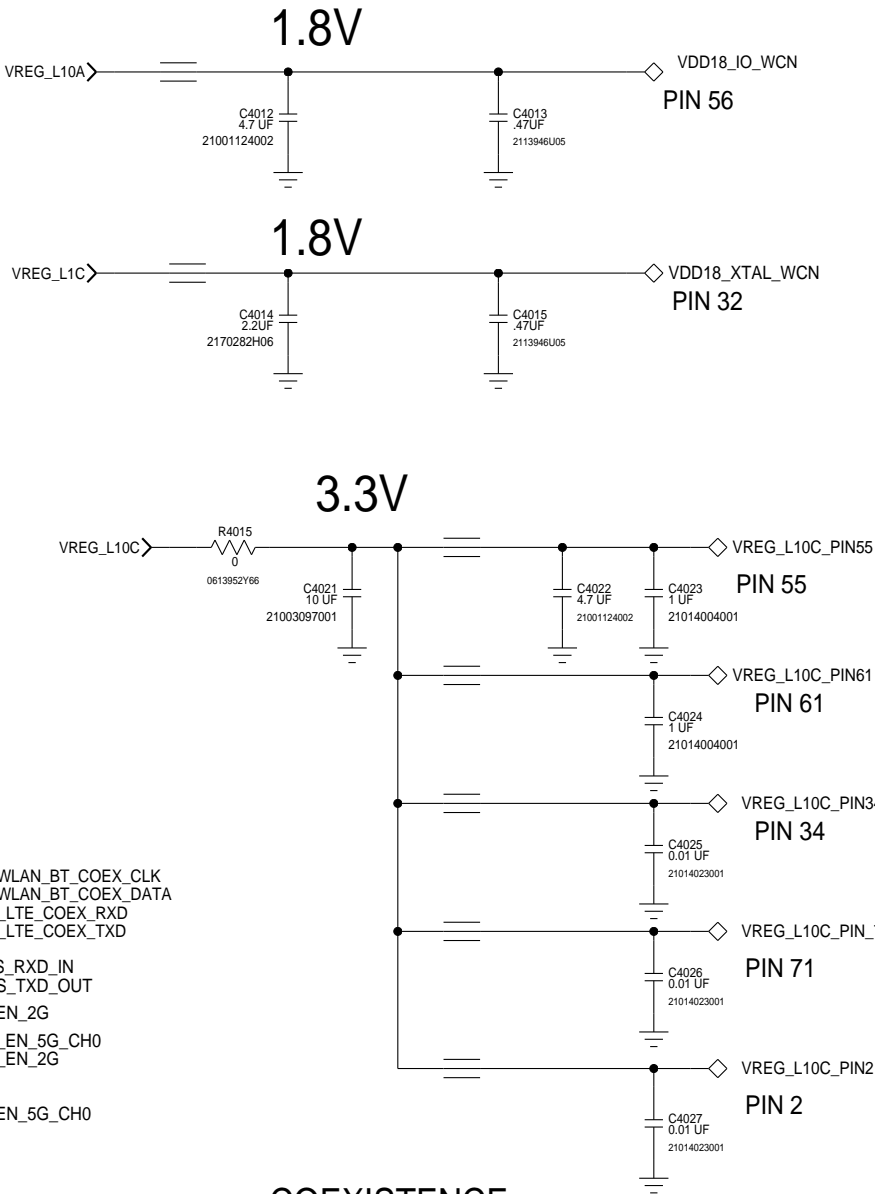
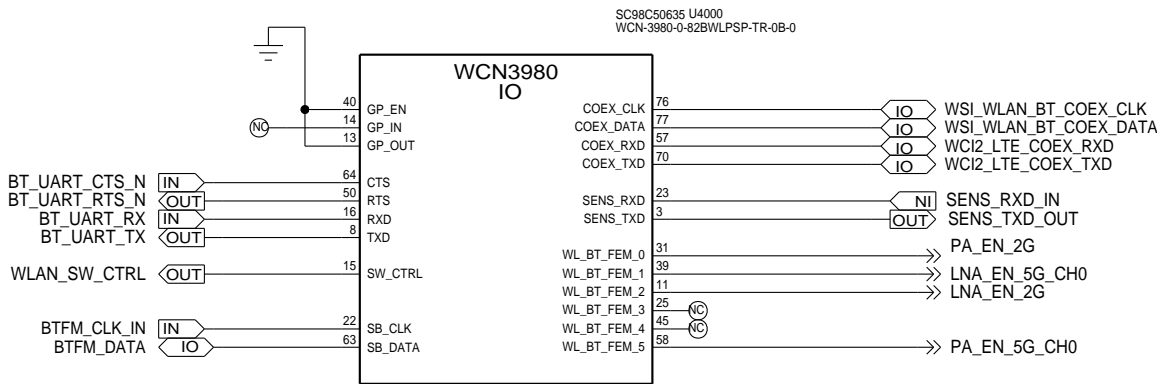
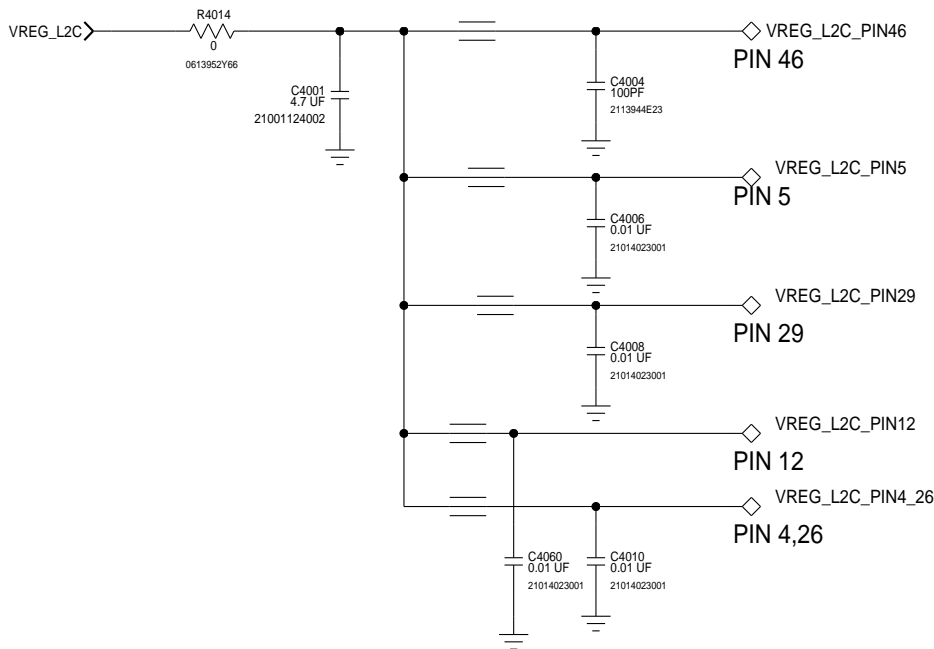
BASED ON 80-WL022-41 REV. A

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LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:33 2019		connectivity	
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		CAD FILE NAME:	PAGE 20 OF 67

CONN: WCN3980 POWER/GND
REF 4000-4029

BT_FM_WLAN_1P3



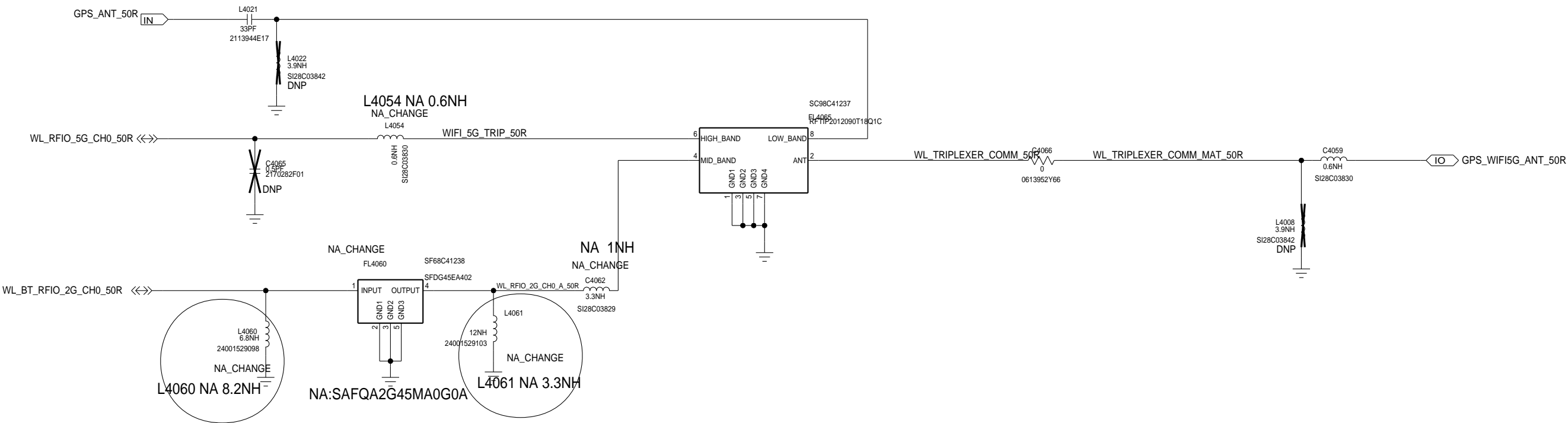
COEXISTENCE

MOTOROLA MOBILITY CONFIDENTIAL RESTRICTED-MDB TRACKED TRACKEDANDBLOCKED


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LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:33 2019		PROJECT NAME B sr28c48948_b_0527.cpm	
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		PAGE 21 OF 67	

BASED ON 80-WL020-41 REV.N

CONN: WCN3980 RADIO
REF 4040-4079



MOTOROLA MOBILITY CONFIDENTIAL RESTRICTED-MDB TRACKED TRACKEDANDBLOCKED

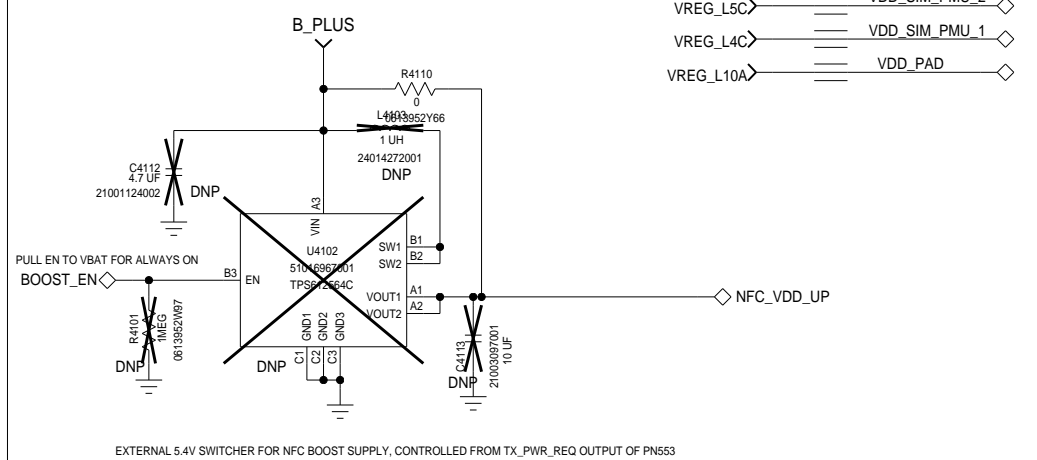
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		B sr28c48948_b_0527.cpm	
		REV	
		03	
		CAD FILE NAME:	
		PAGE 22 OF 67	


REF: 4100-4199



HIF2	HIF1	BASE	WRITE	READ
LOW	LOW	0X28	0X50	0X51
LOW	HIGH	0X29	0X52	0X53
HIGH	LOW	0X2A	0X54	0X55
HIGH	HIGH	0X2B	0X56	0X57

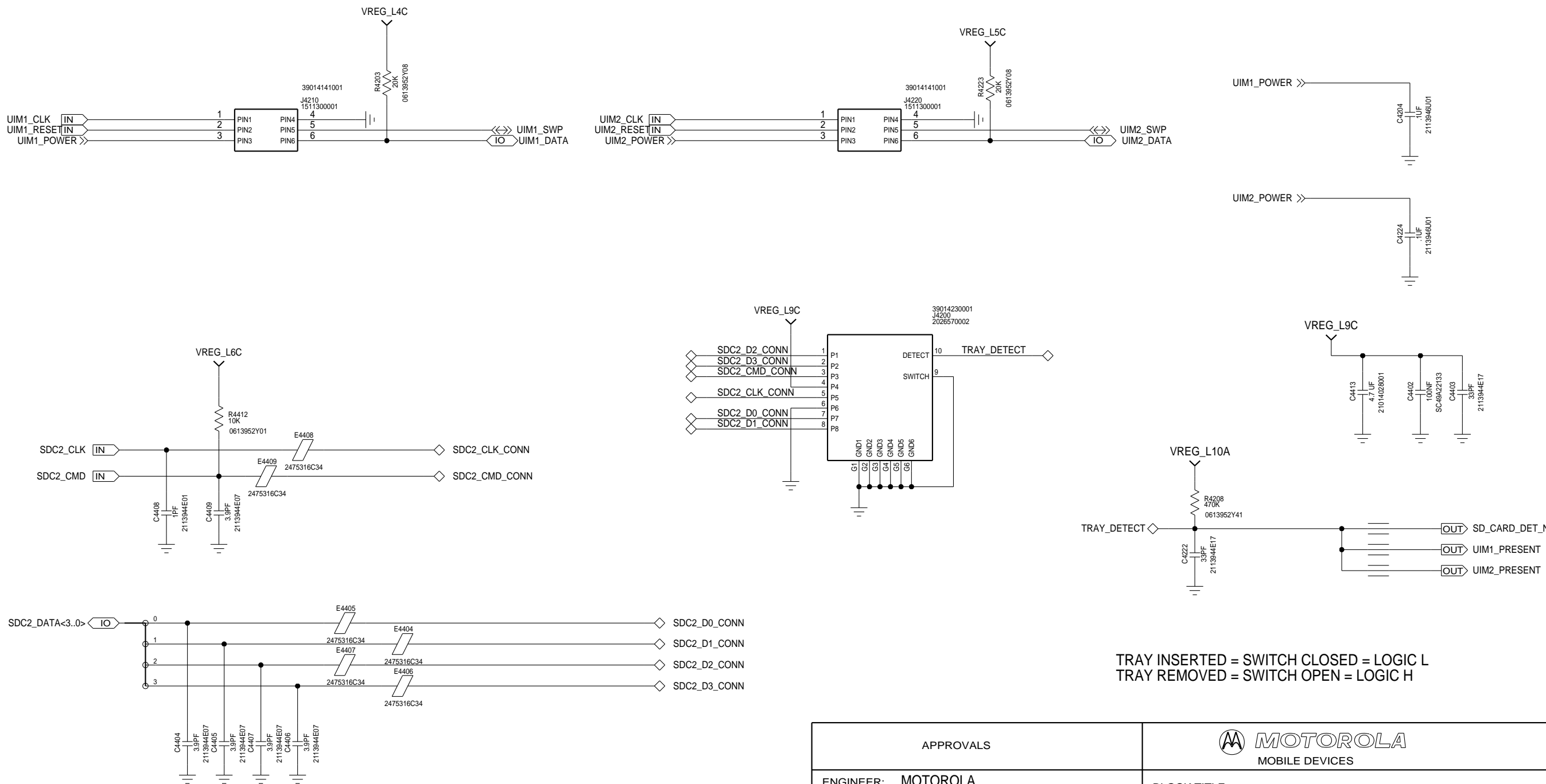
* SEE NOTE 1



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		CAD FILE NAME:	PAGE 23 OF 67

CONN: UIM1/UIM2/SDCARD


REF:4200-4219



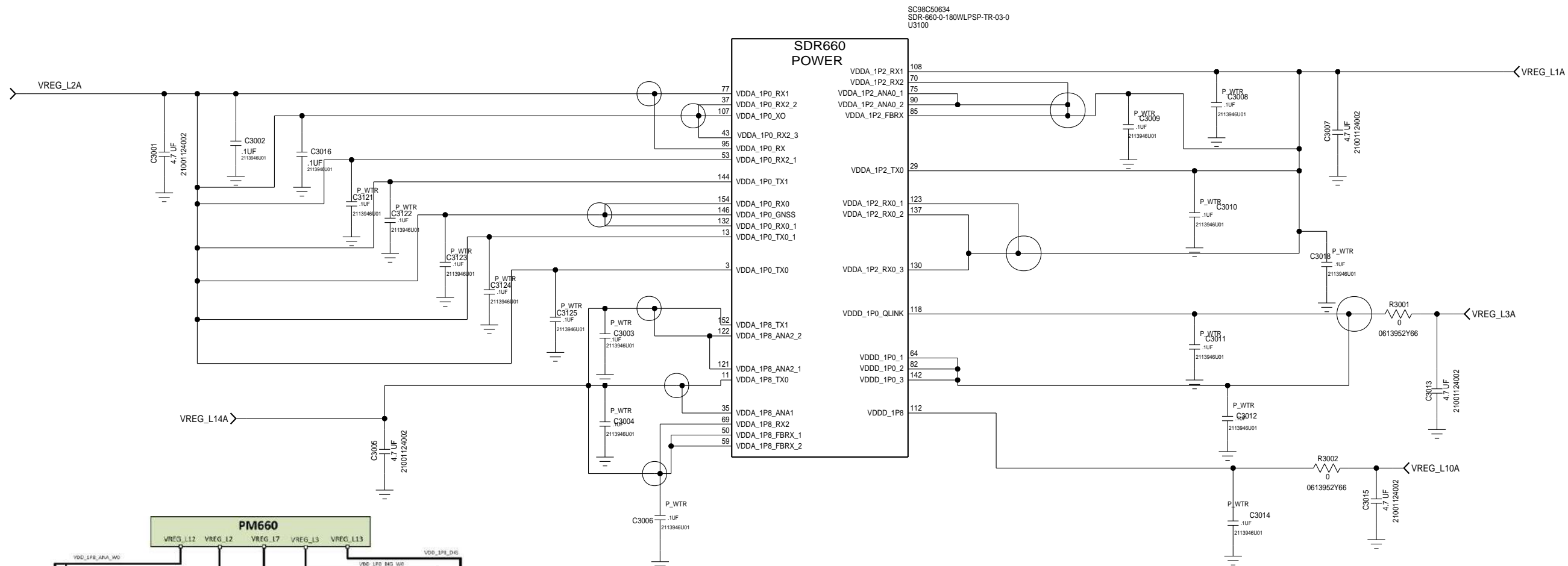
TRAY INSERTED = SWITCH CLOSED = LOGIC L
TRAY REMOVED = SWITCH OPEN = LOGIC H

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.

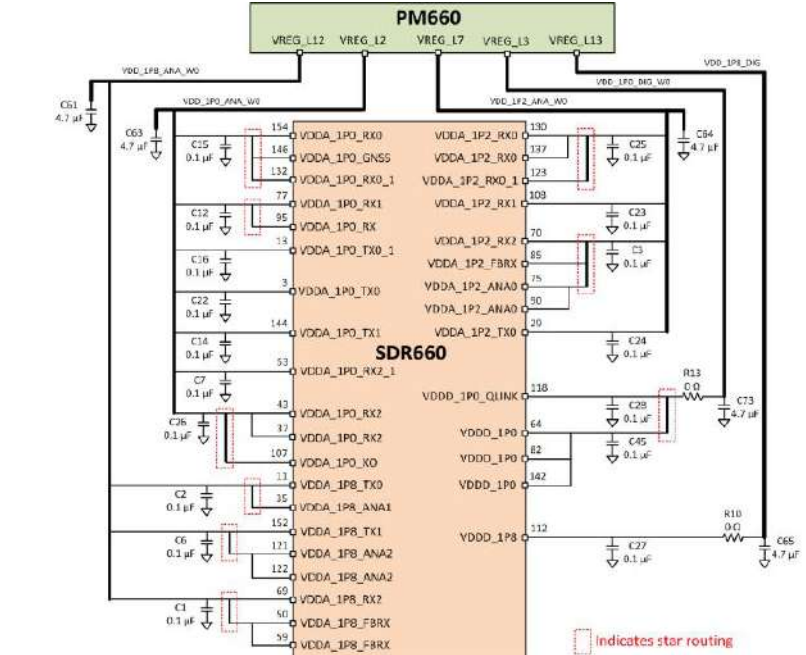
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		REV	
		03	
		PAGE 24 OF 67	

SDR660: POWER
REF 3000-3099

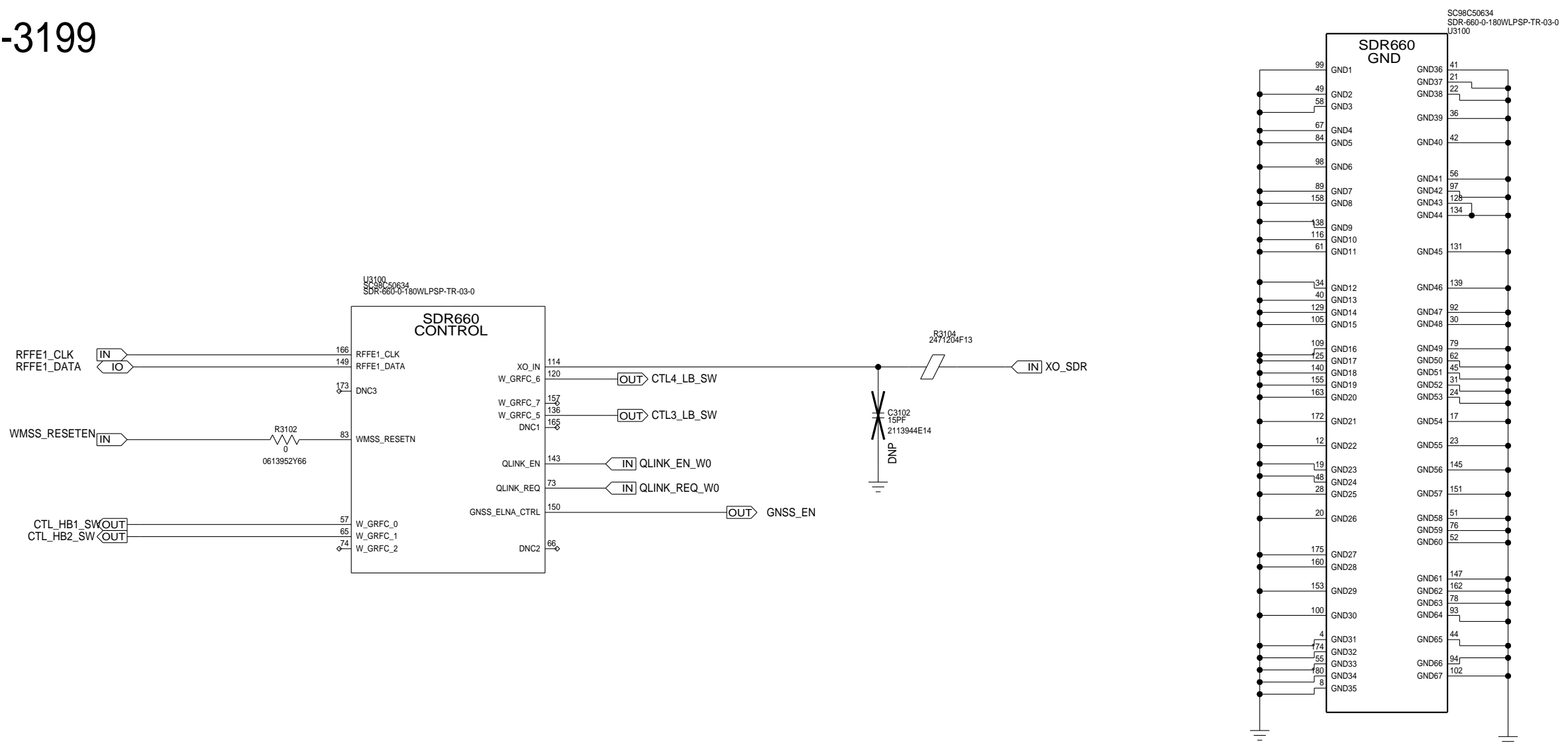




CIRCLE PRESENT SDR660 POWER SUPPLY STAR ROUTING



APPROVALS		MOTOROLA MOBILE DEVICES	
ENGINEER:		BLOCK TITLE:	
LAST MODIFIED BY: Wed Apr 03 11:16:21 2019		blk_sdr660	
MOTOROLA CONFIDENTIAL RESTRICTED		PROJECT NAME	REV
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CAD FILE NAME:		PAGE 25 OF 67	

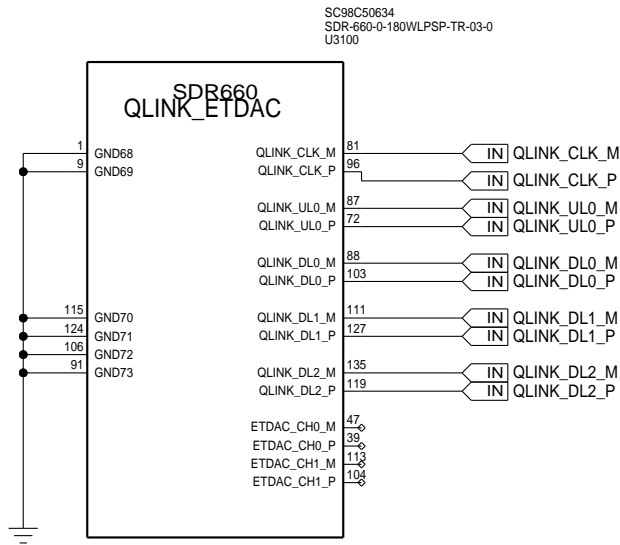
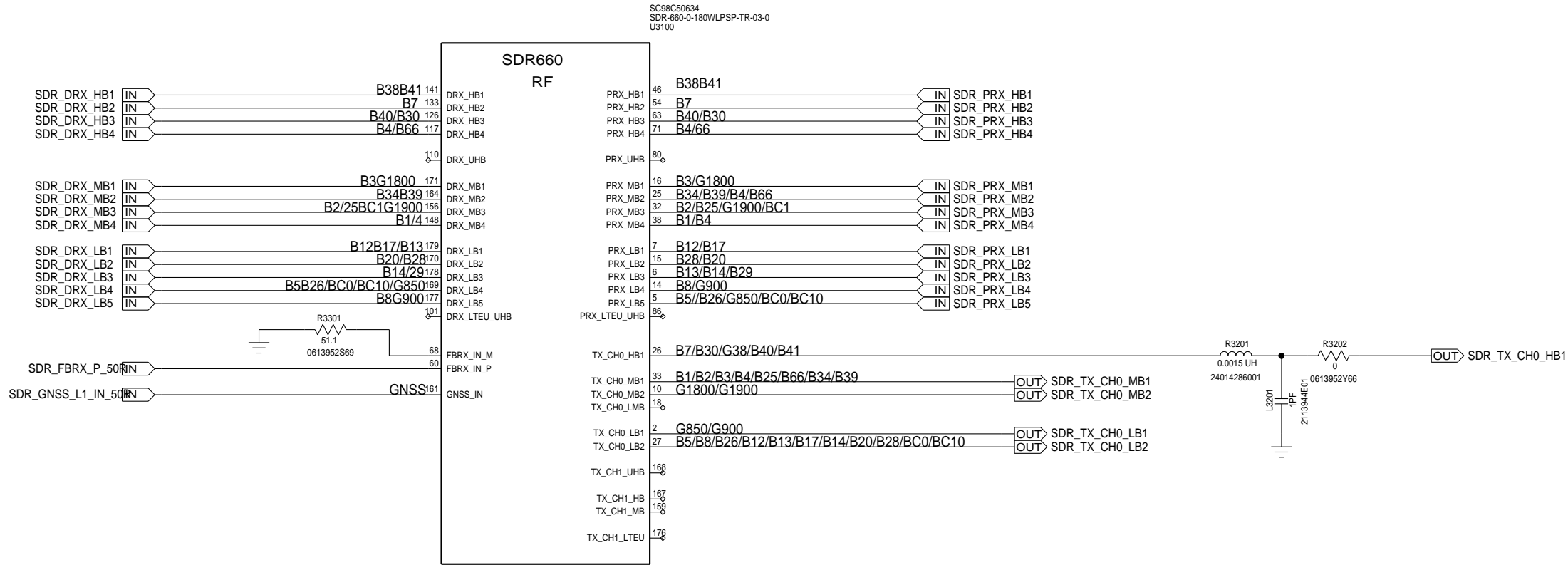
SDR660: TX/PWR/GROUND
REF 3100-3199



APPROVALS		<div> MOTOROLA</div> <div>MOBILE DEVICES</div>	
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LAST MODIFIED BY: <div>Wed Apr 03 11:16:21 2019</div>			
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		<div>CAD FILE NAME:</div> <div>PAGE 26 OF 67</div>	

SDR660: PRX/DRX/GPS

REF 3200-3299

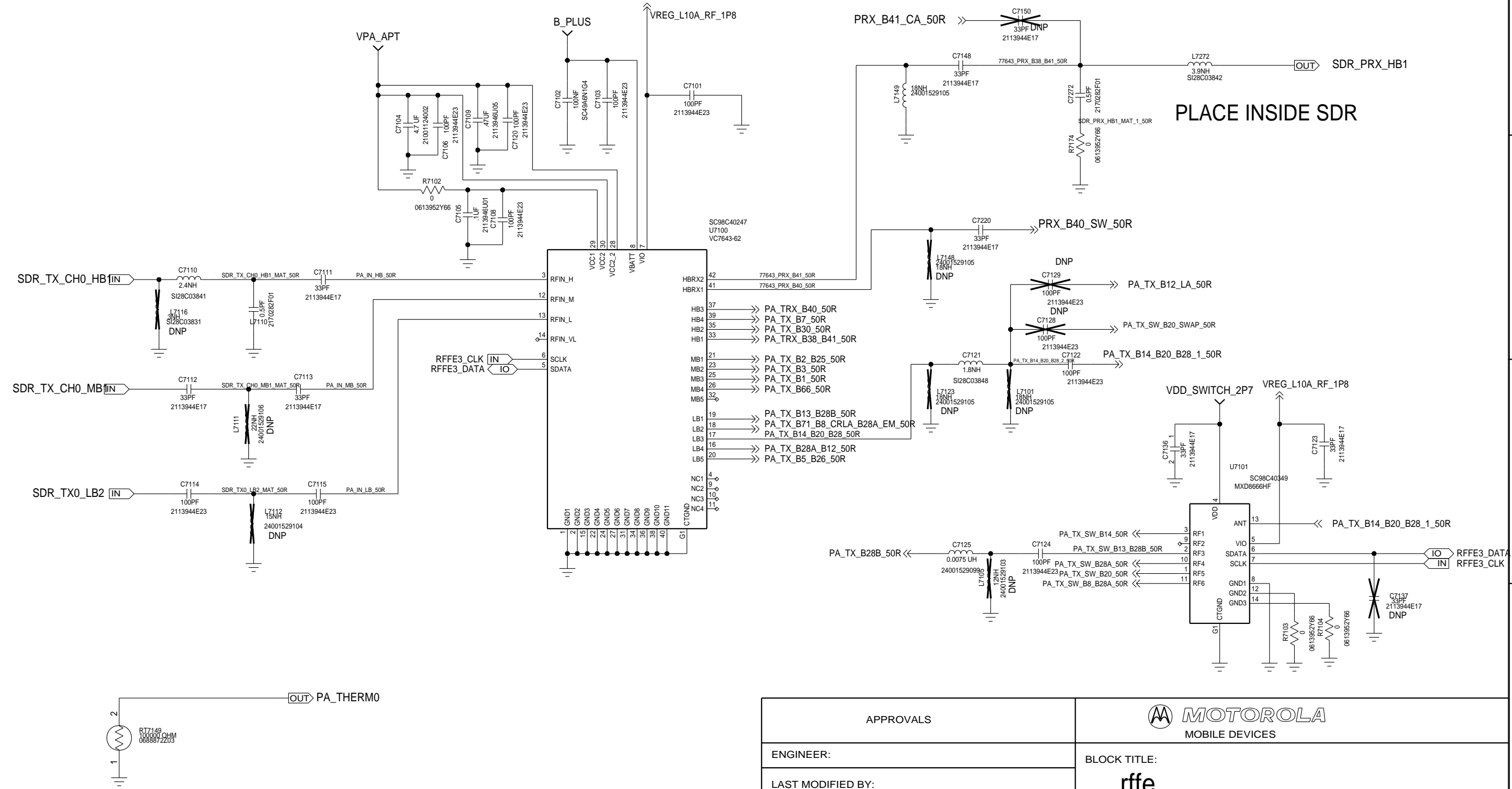



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CAD FILE NAME:		PAGE 27 OF 67	

D

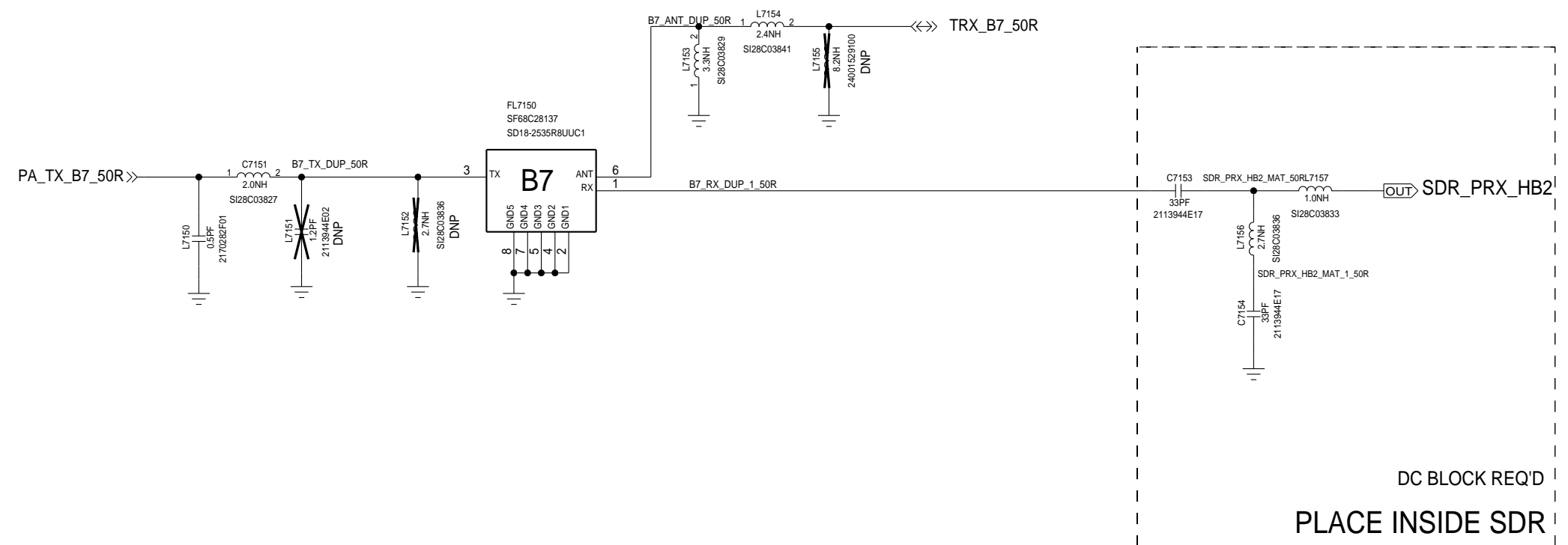
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REF 7100-7149
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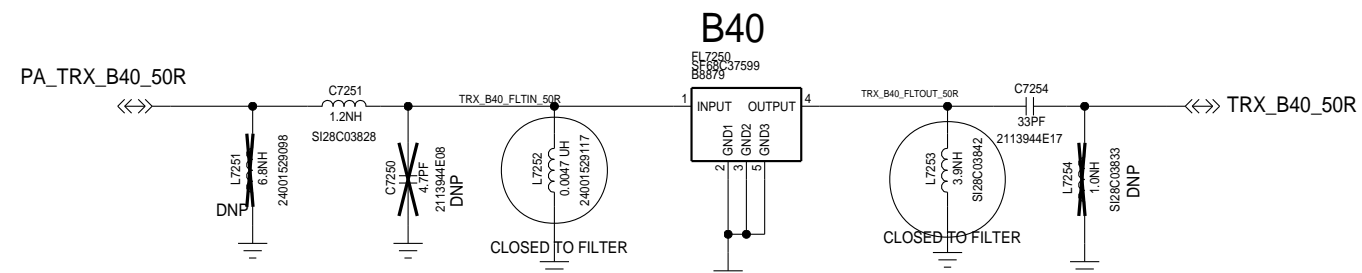
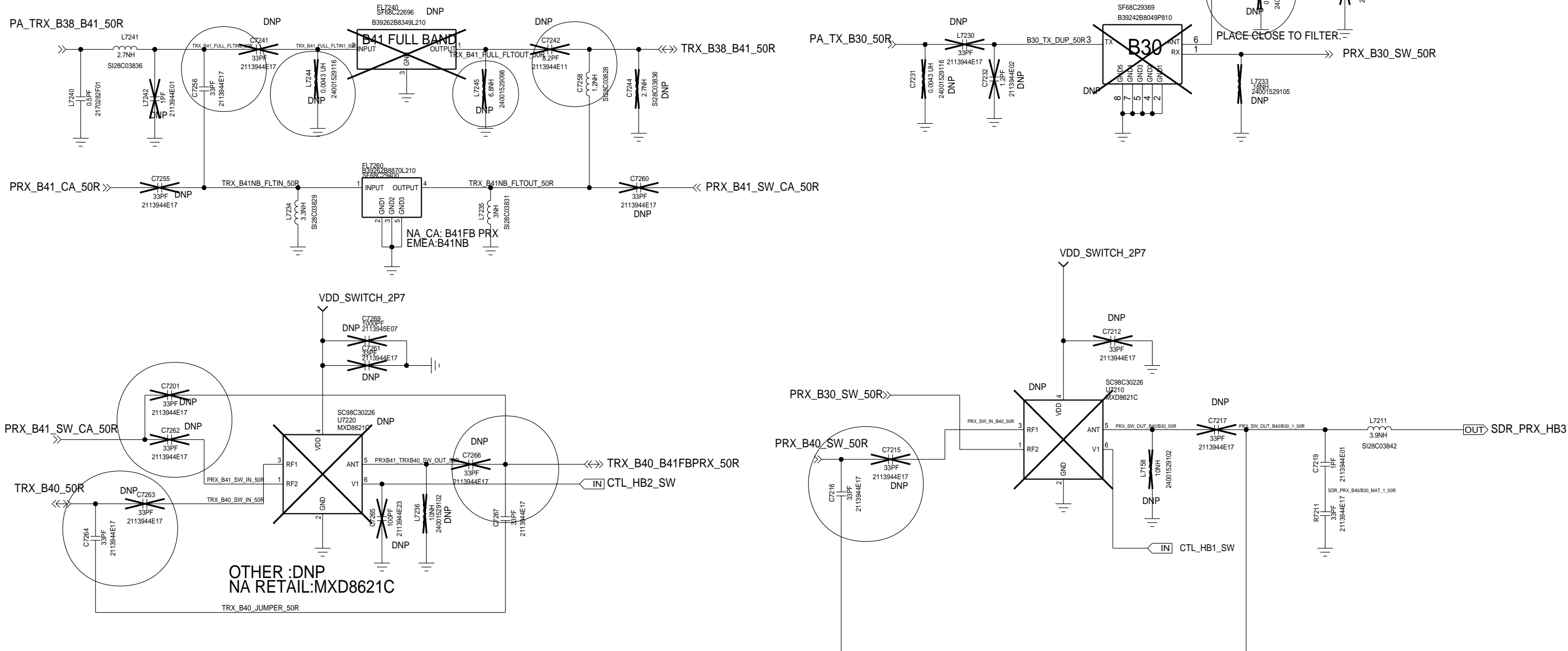
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		PAGE 29 OF 67	


RFFE:HB_TRX_B7
REF 7150-7199

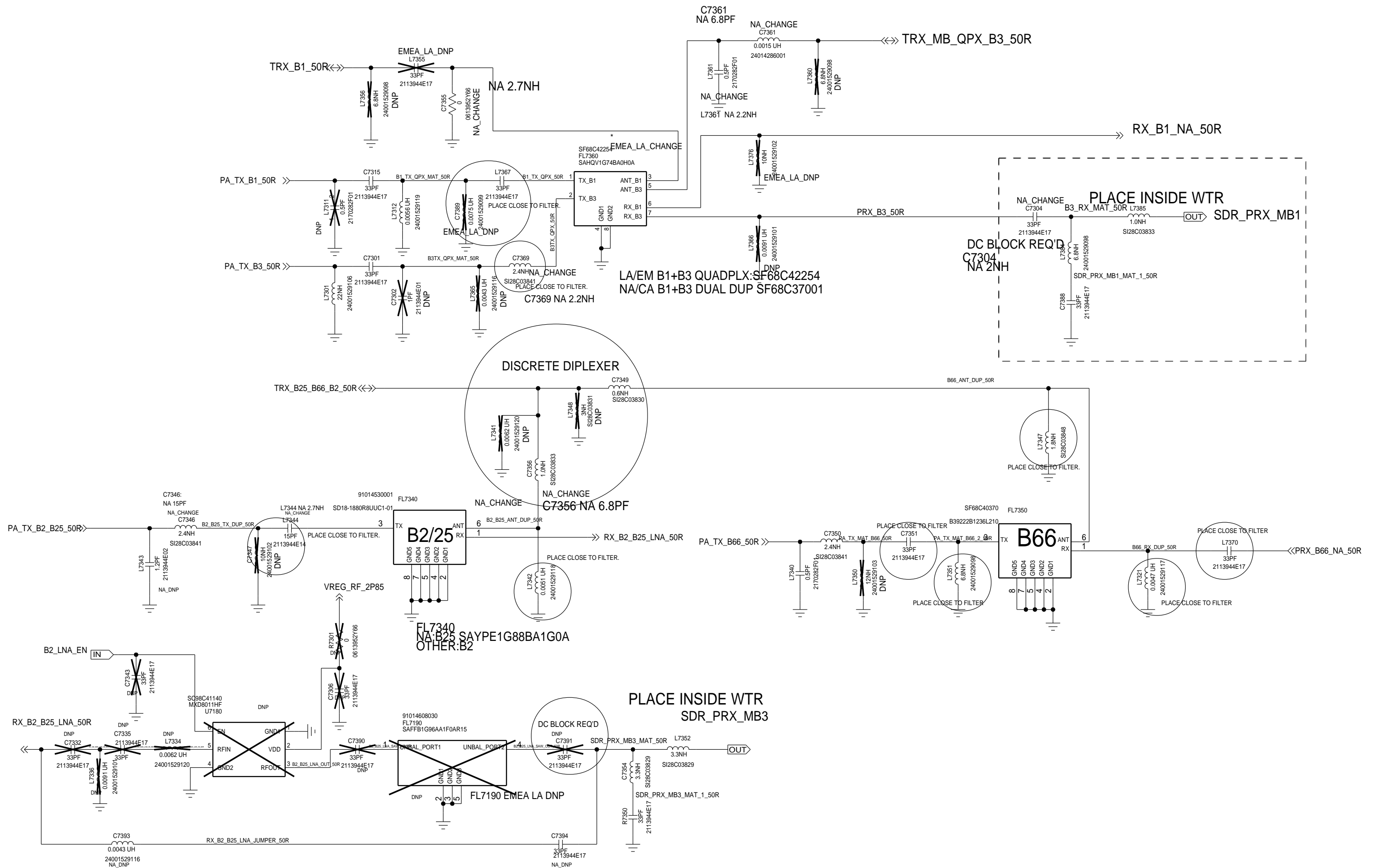


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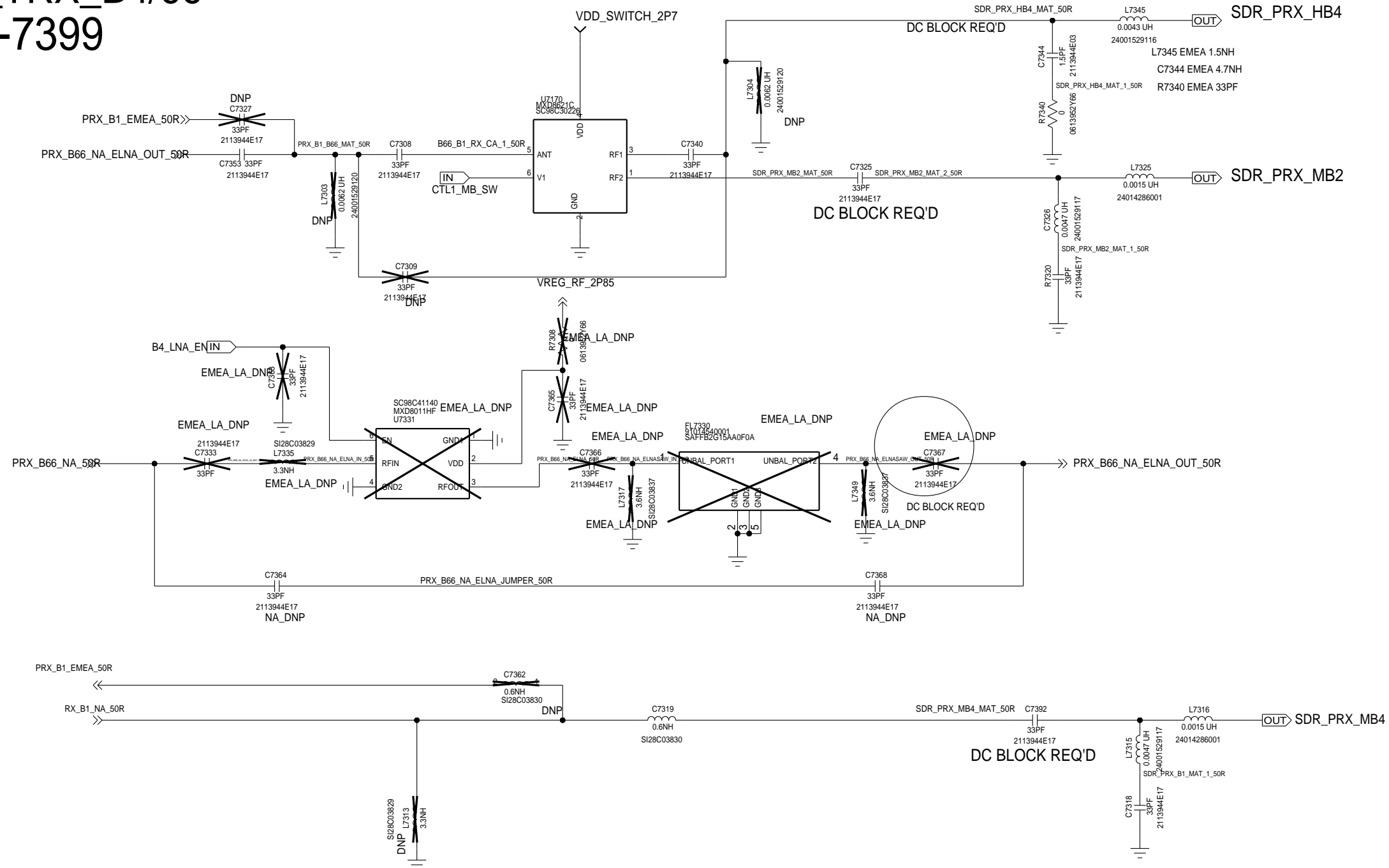
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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		CAD FILE NAME:	PAGE 31 OF 67

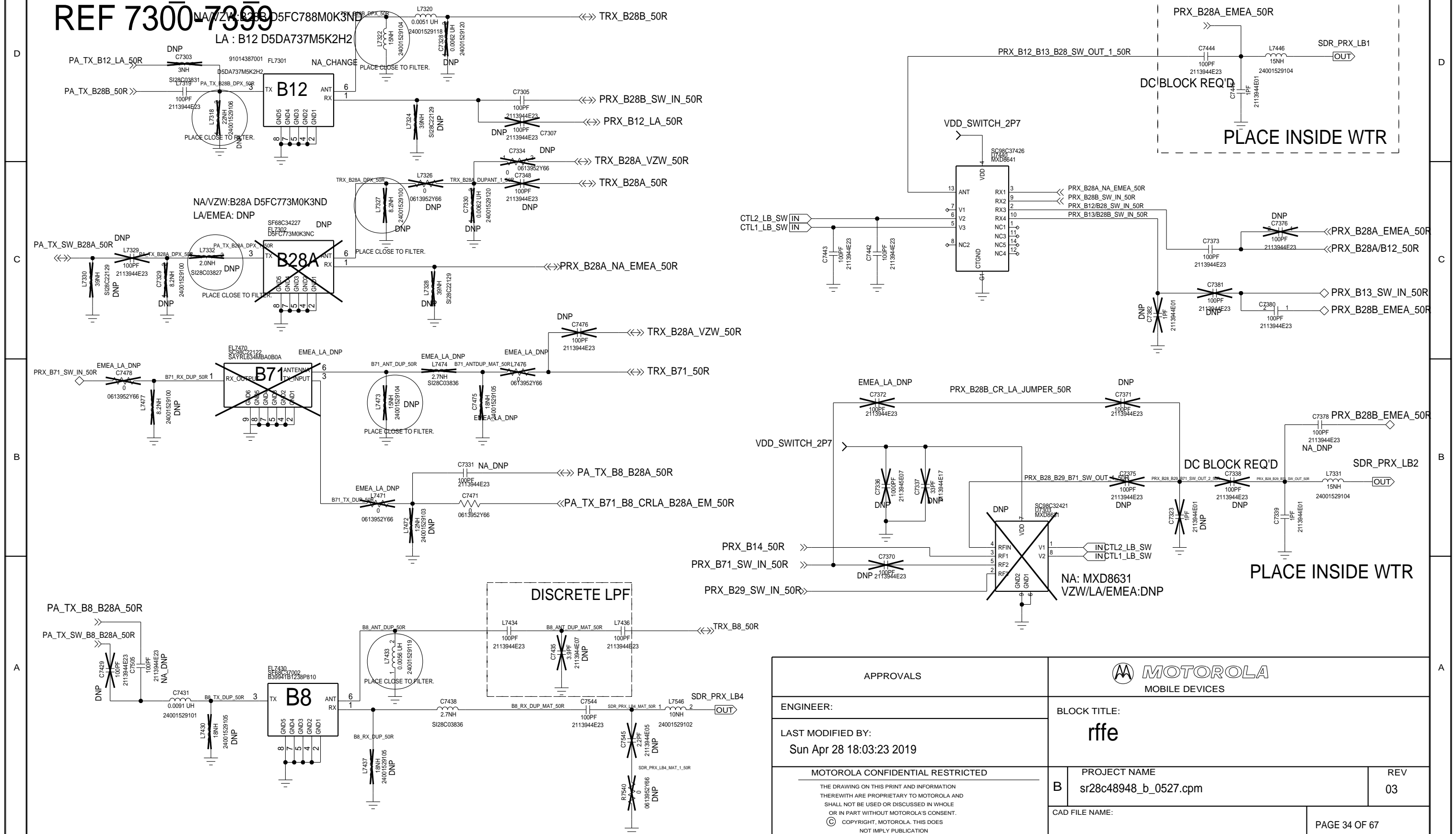



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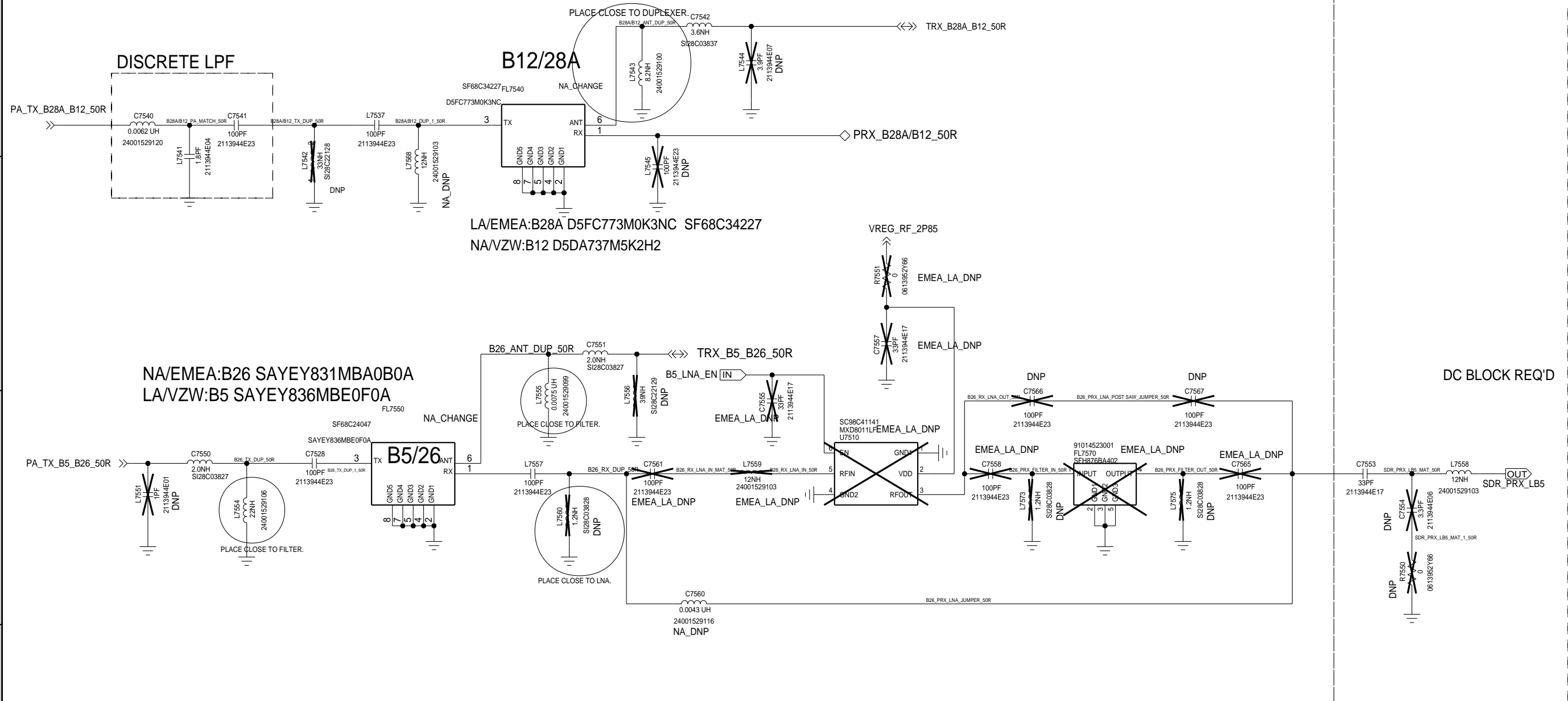
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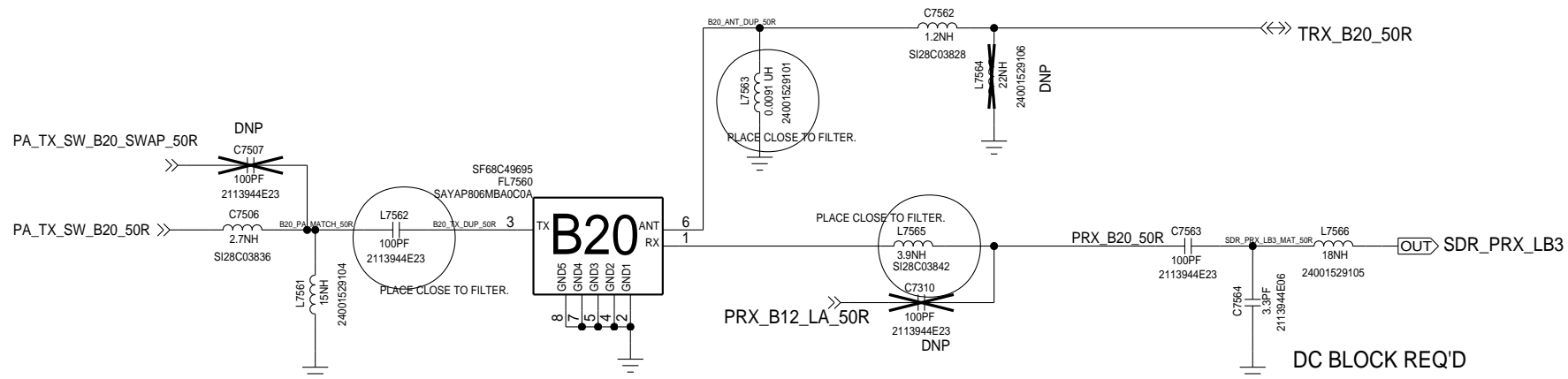
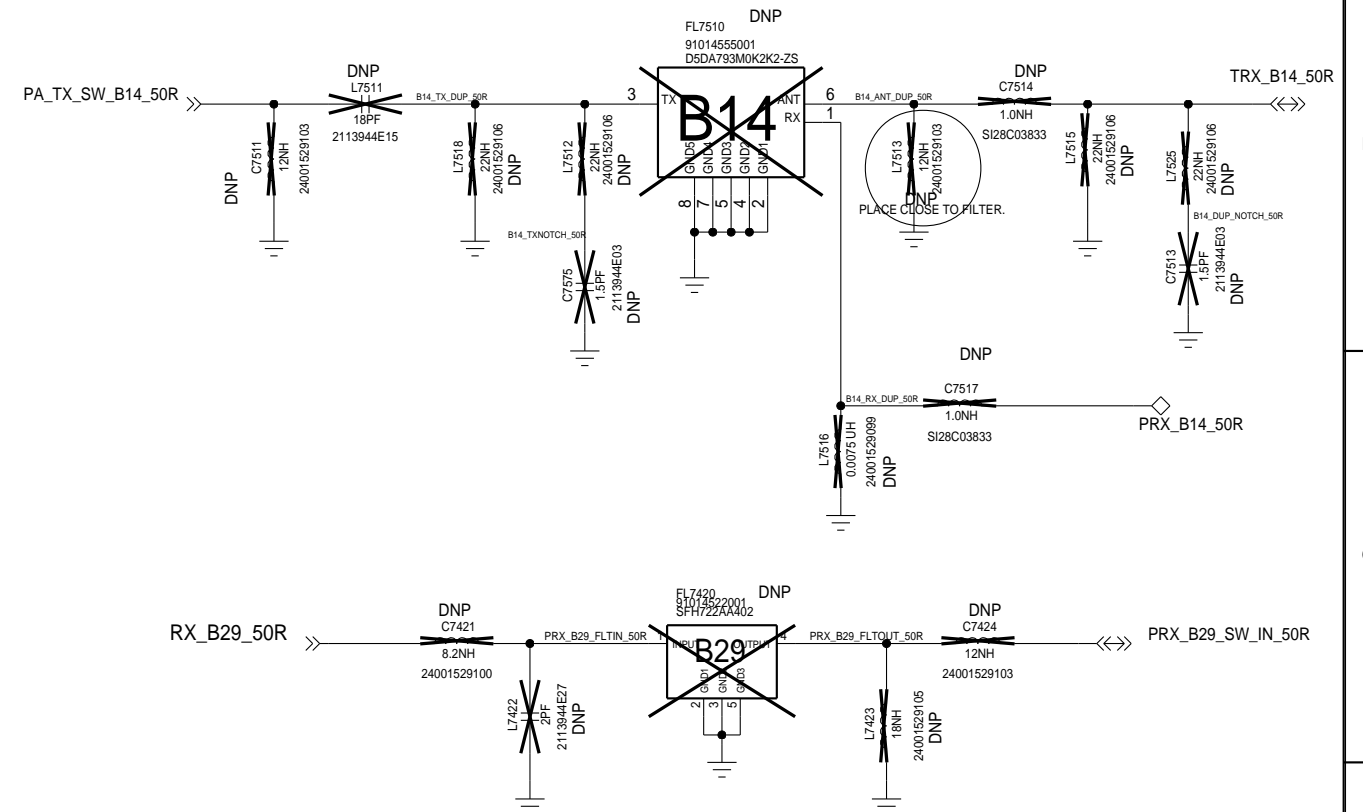
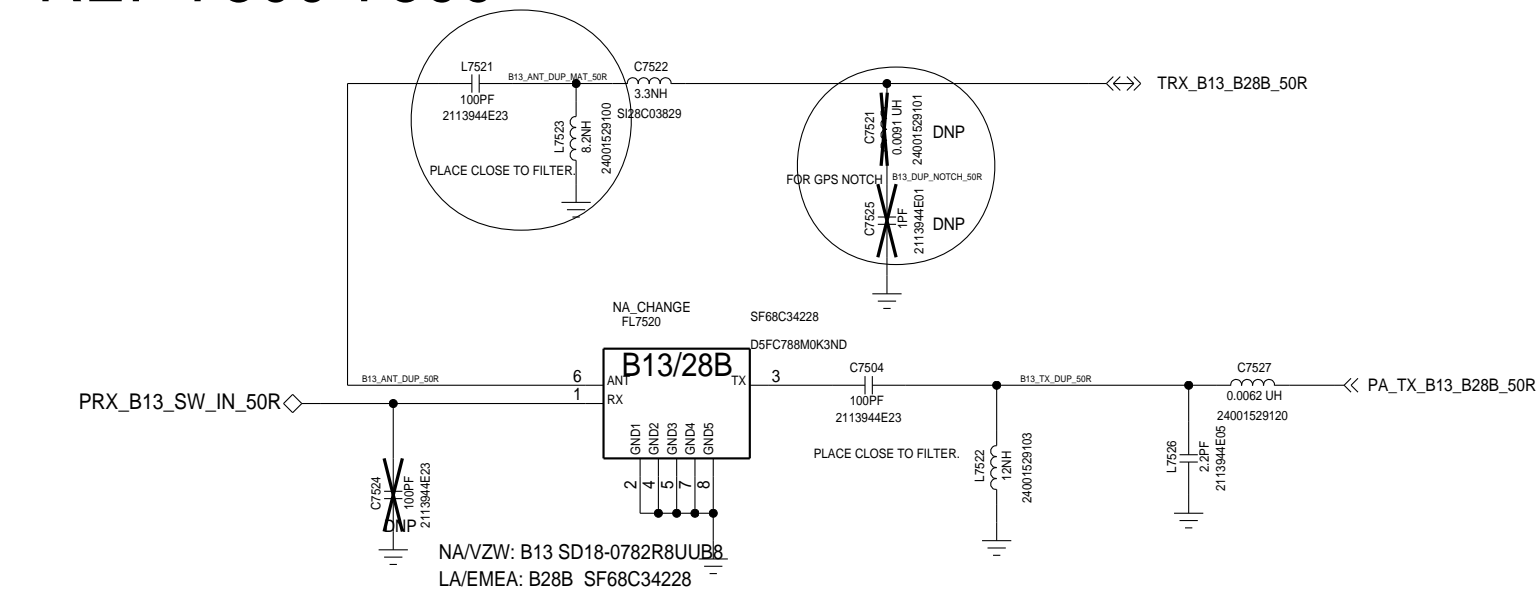
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		CAD FILE NAME:	PAGE 34 OF 67

RFFE:LB TRX_B5/B26_B28A/B12
REF 7500-7599




APPROVALS	 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: Sun Apr 28 18:03:24 2019		
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	CAD FILE NAME:	PAGE 35 OF 67

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REF 7500-7599

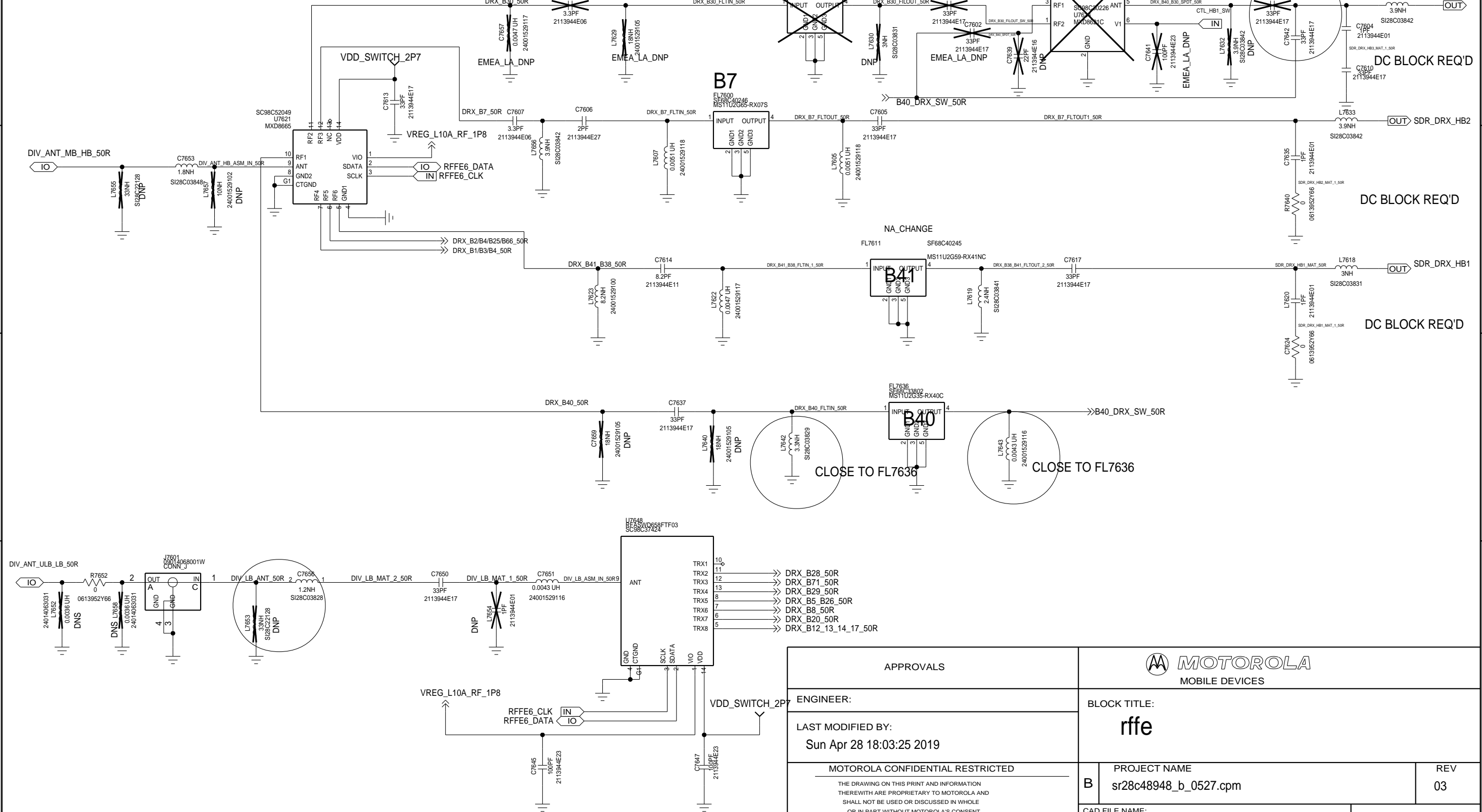



DC BLOCK REQ'D

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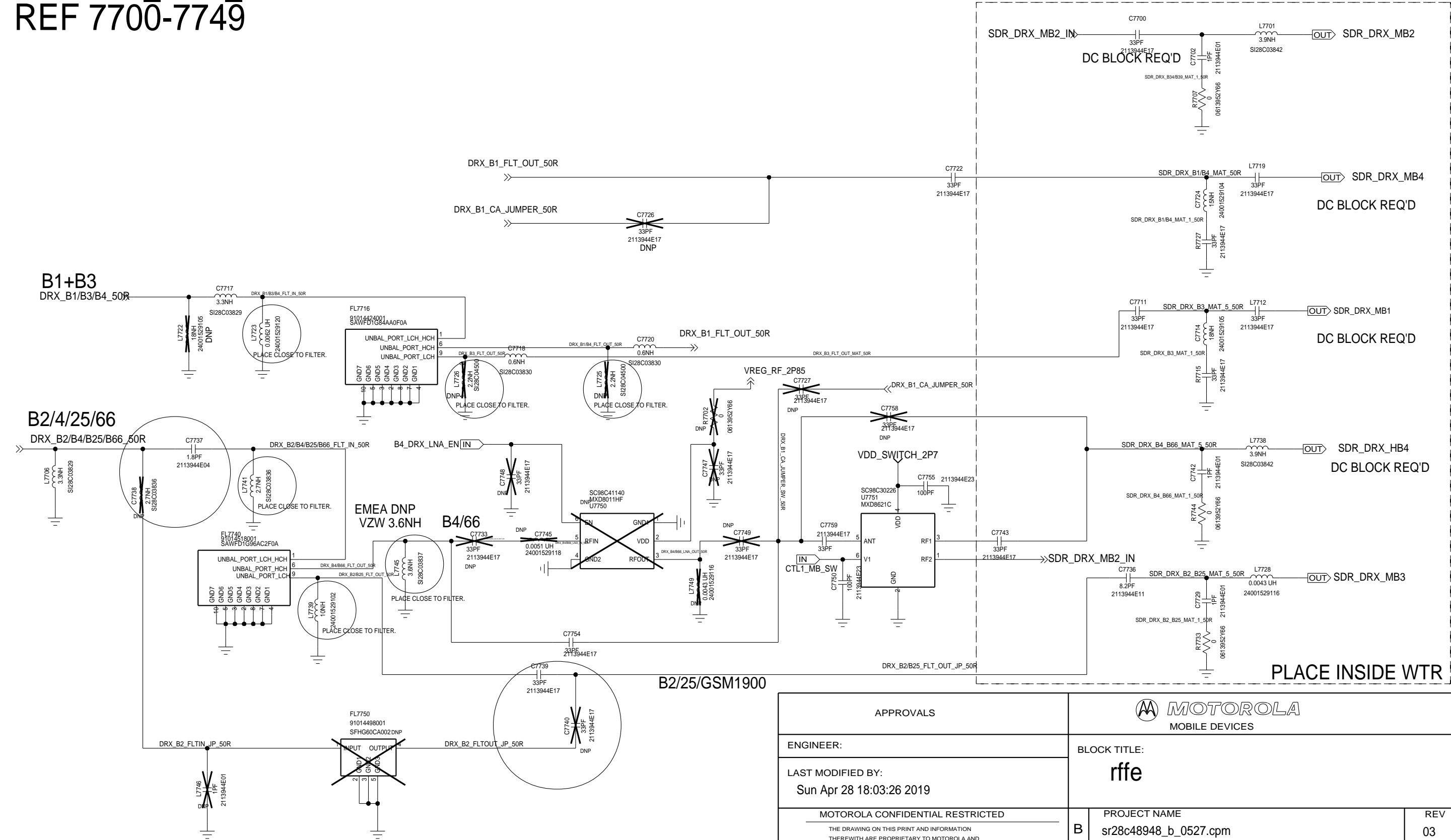
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		REV 03	
		CAD FILE NAME:	
		PAGE 36 OF 67	



RFFE:DRX_ASM_HB_B7/B30/B38/B40/B41
REF 7600-7699



APPROVALS		 MOTOROLA MOBILE DEVICES	
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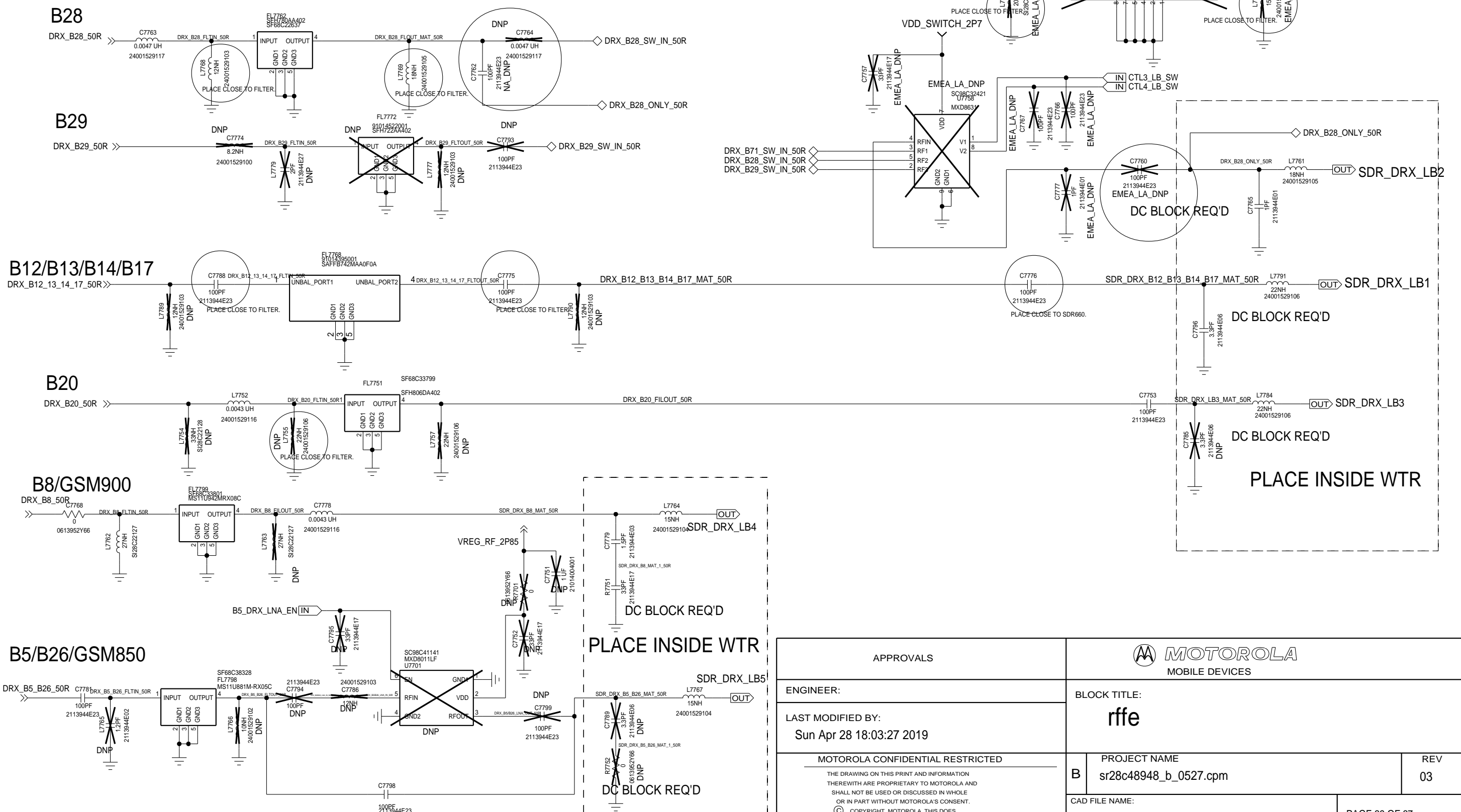
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REF 7700-7749



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LAST MODIFIED BY: Sun Apr 28 18:03:26 2019			
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		CAD FILE NAME:	PAGE 38 OF 67

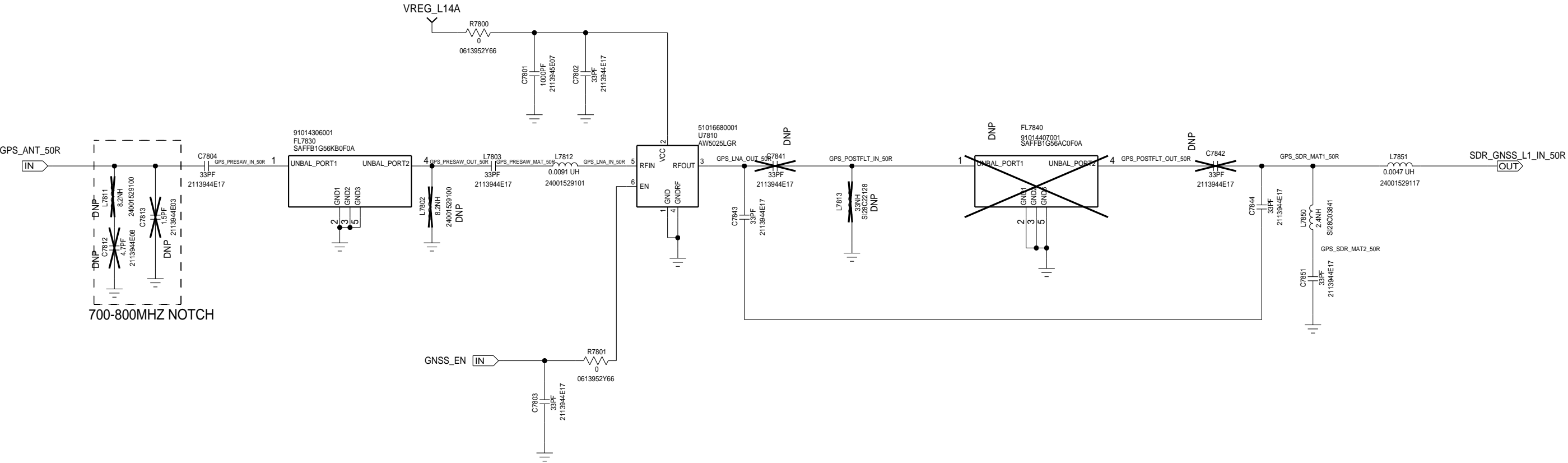
RFFE:LB_DRX


REF 7750-7799



APPROVALS		MOTOROLA MOBILE DEVICES	
ENGINEER:		BLOCK TITLE: rffe	
LAST MODIFIED BY: Sun Apr 28 18:03:27 2019		PROJECT NAME B sr28c48948_b_0527.cpm	
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		PAGE 39 OF 67	

RFFE:GPS
REF7800-7899




APPROVALS		<div> MOTOROLA</div> <div>MOBILE DEVICES</div>		
ENGINEER:		BLOCK TITLE: rffe		
LAST MODIFIED BY: Thu May 16 09:09:03 2019				
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		B sr28c48948_b_0527.cpm		03
		CAD FILE NAME:		PAGE 40 OF 67

RFFE:QET4101
REF7900-7949

The schematic diagram illustrates the RFFE:QET4101 circuit, which is a radio frequency front-end (RFFE) component. The circuit is powered by B_PLUS and includes a power management section with a VREG_L10A_RF_1P8 regulator. The RF section features a matching network (X7R) and a power amplifier (X7R) with various biasing and control signals. The control logic section includes a SC98C41300 IC, which is connected to various control signals like RF_BOOST_EN, RF_BOOST_VSEL, and RF_BOOST_BYP. The diagram also shows various passive components like capacitors (C7901-C7908), resistors (R7901-R7913), and inductors (L7901, L7903). The circuit is designed to interface with a VPA_APT (Voice Power Amplifier) and a VPA_APT (Voice Power Amplifier) block.

APPROVALS		BLOCK TITLE:	
ENGINEER:		rfe	
LAST MODIFIED BY:	Sun Apr 28 18:03:28 2019		
MOTOROLA CONFIDENTIAL RESTRICTED		PROJECT NAME	
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		REV 03	
		PAGE 41 OF 67	

APPROVALS		 MOTOROLA MOBILE DEVICES	
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		CAD FILE NAME:	PAGE 41 OF 67

REF: 6160-6199



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BLOCK TITLE:

sensor

	B
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PROJECT NAME
sr28c48948_b_0527.cpm

REV
03

CAD FILE NAME:

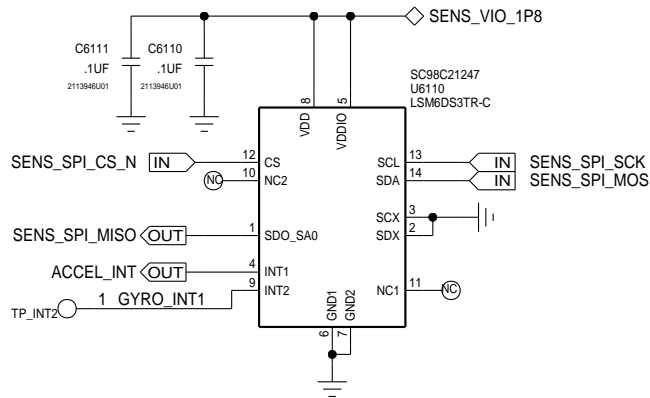
PAGE 42 OF 67

SENSORS

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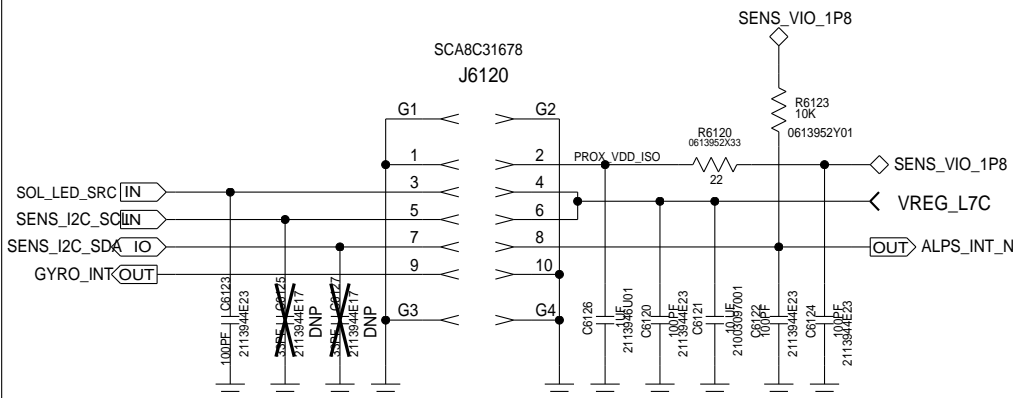
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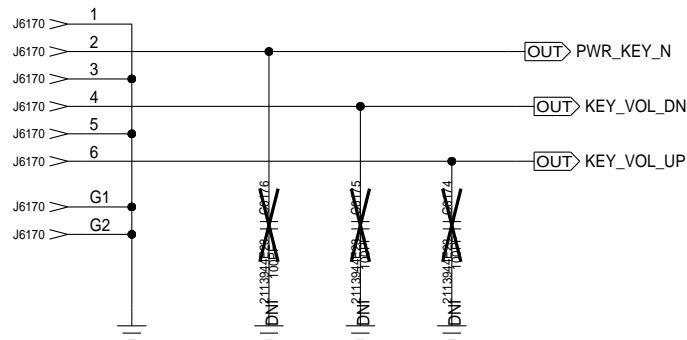
PROXIMITY/AMBIENT LIGHT/SOL FLEX INTERFACE

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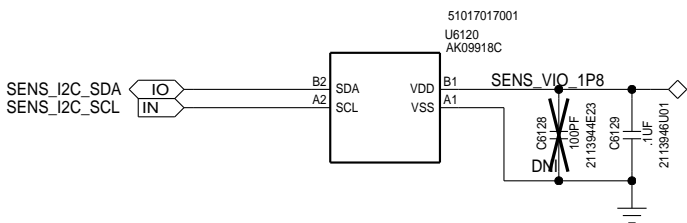
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09014175001W



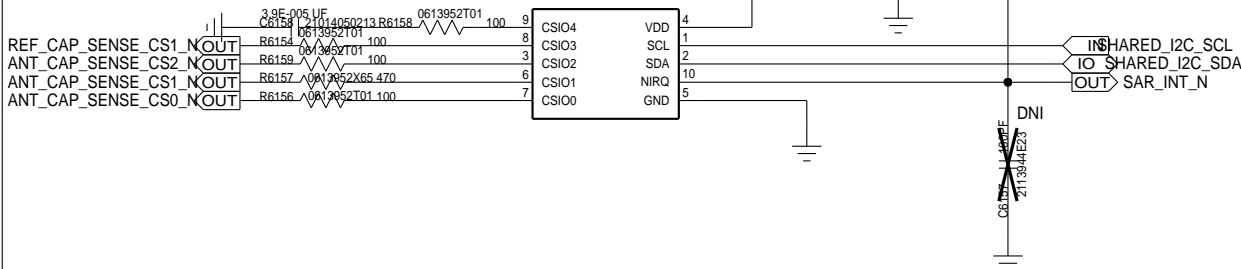
M SENSOR

SENS_I2C_SDA
SENS_I2C_SCL



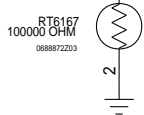
CAP SENSOR

REF:6150-6159



QUIET TEMP SENSOR

QUIET_THERM <OUT>



VREG_L8C SENS_VIO_1P8

APPROVALS

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BLOCK TITLE:

sensor

PROJECT NAME
B sr28c48948_b_0527.cpm

REV
03

CAD FILE NAME:

PAGE 43 OF 67

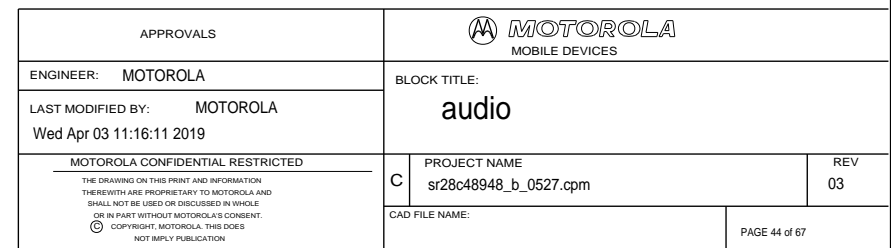
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B_PLUS

C6299

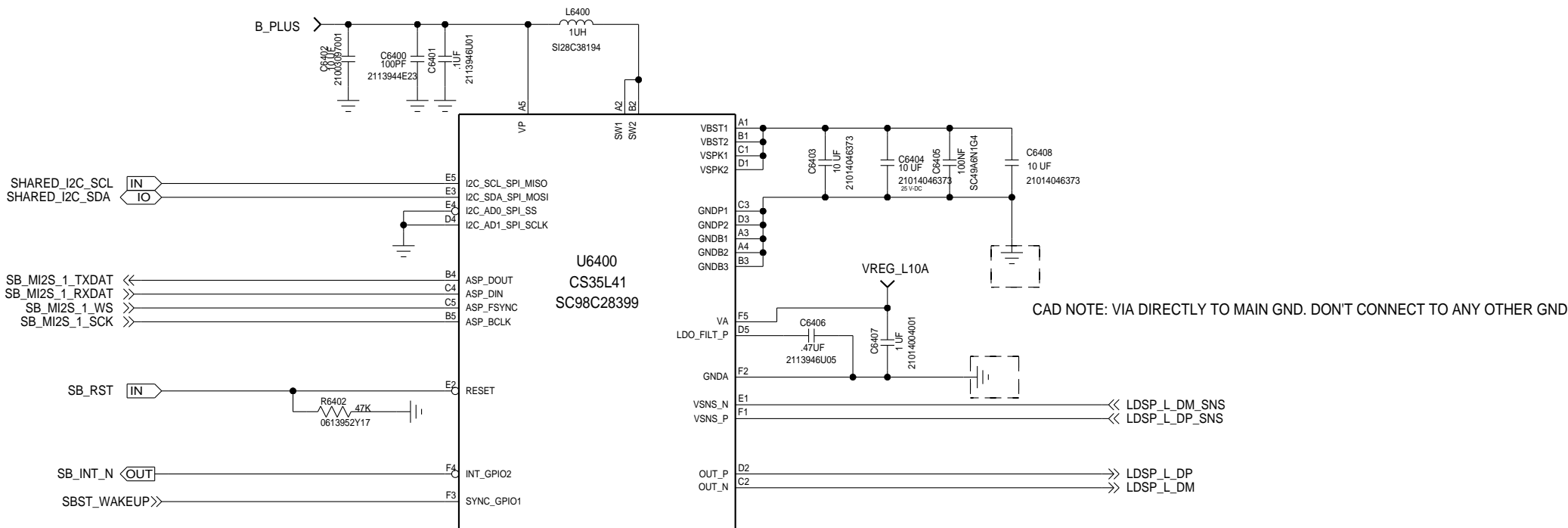
4.7 uF

2.1014028001



XMCS: SMART BOOST

*** BOOST IC I2C ADD. 0X80

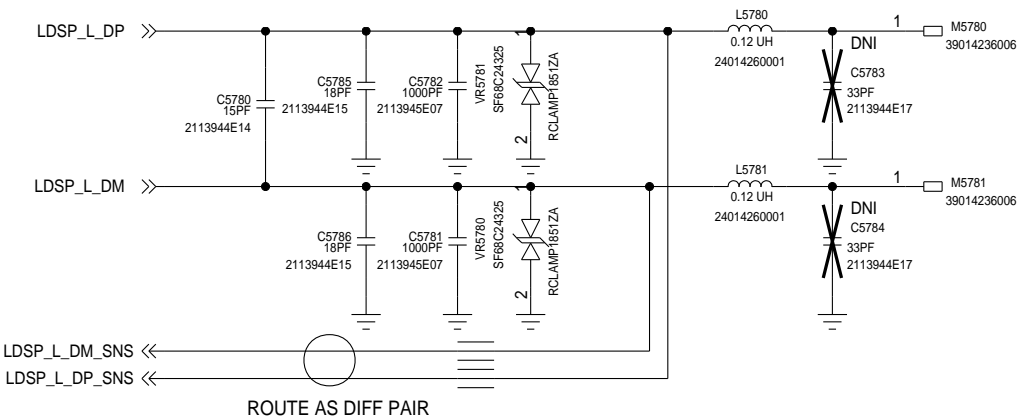


APPROVALS		MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOROLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:12 2019		audio	
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		B	sr28c48948_b_0527.cpm
		REV	
		03	
		PAGE 45 OF 67	

AFE: SPEAKERS/VIBRATOR

LOUDSPEAKER

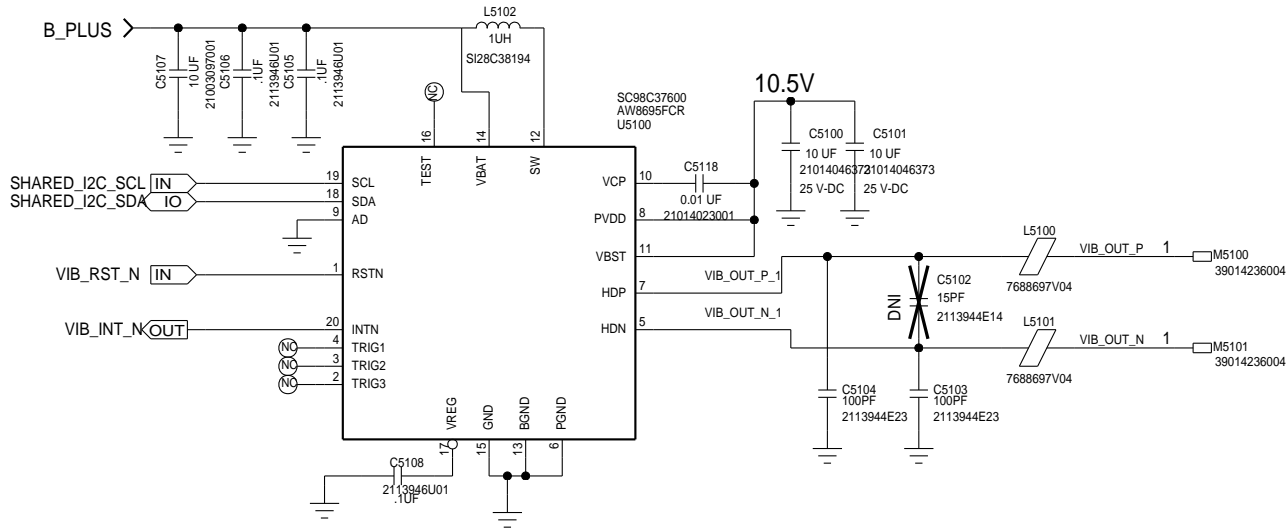
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LINEAR VIBRATOR

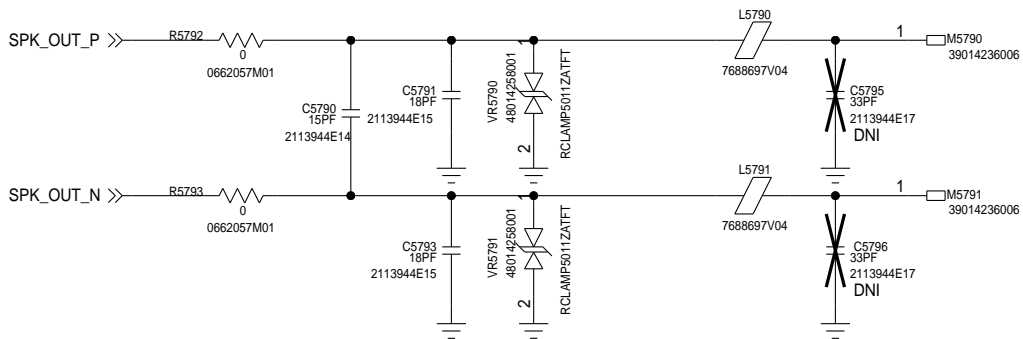
REF 5100-5119

BASE I2C ADDR: 0X5A, WRITE 0XB4, READ 0XB5



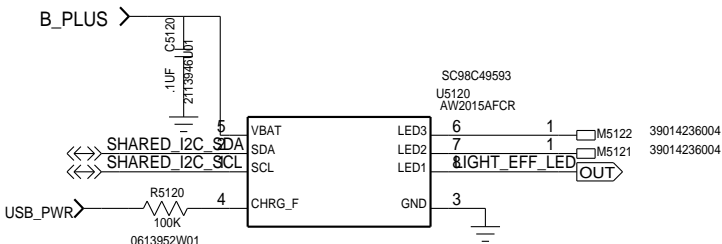
EAR PIECE

REF:5790-5799



LIGHT EFFECT IC

REF 5120-5129



APPROVALS

ENGINEER: MOTOROLA

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BLOCK TITLE:

audio

PROJECT NAME
B sr28c48948_b_0527.cpm

CAD FILE NAME:

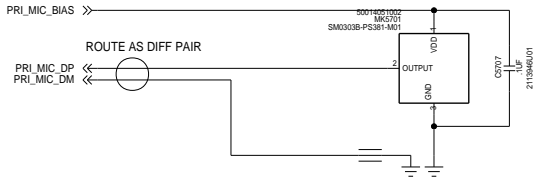
REV
03

PAGE 46 OF 67

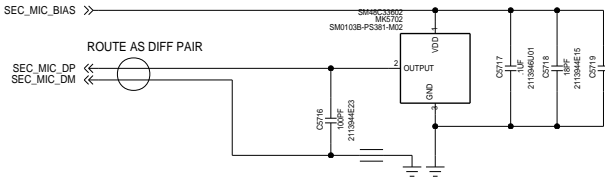
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REF: 5700-5799

MIC 1
REF: 5705-5714



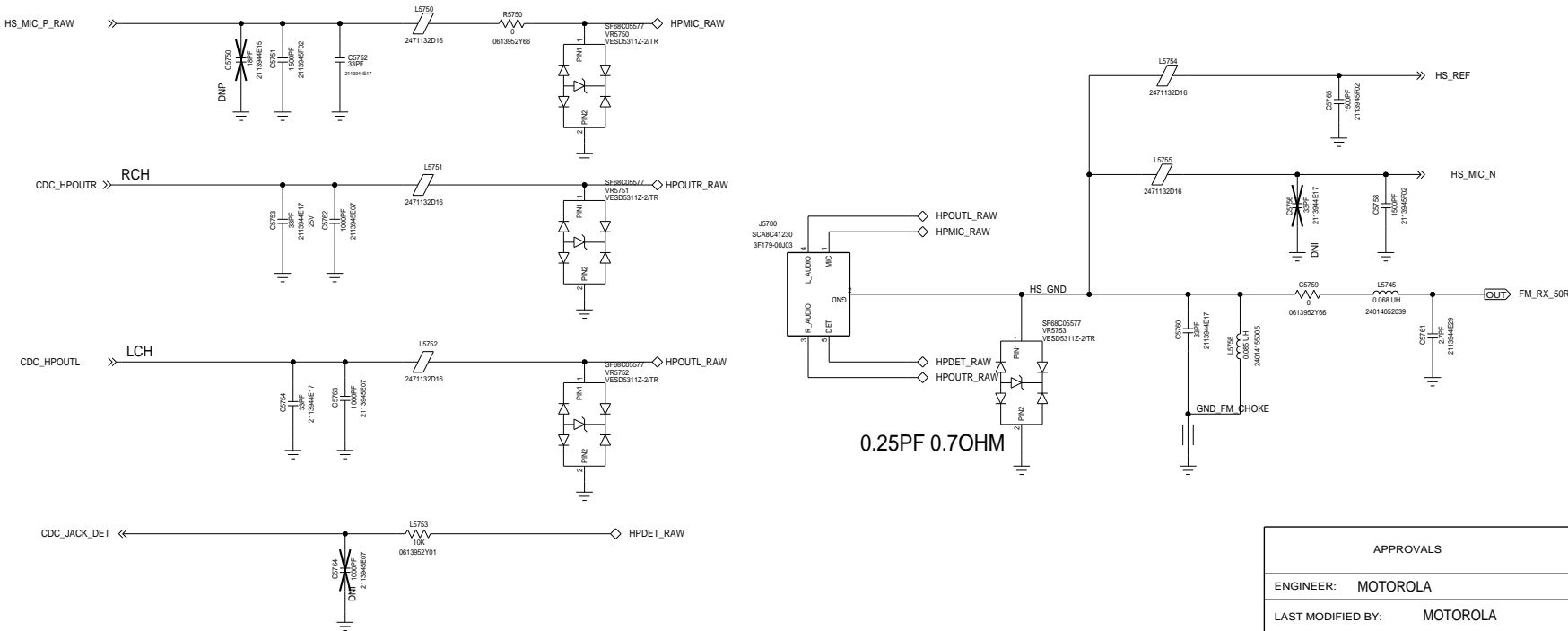
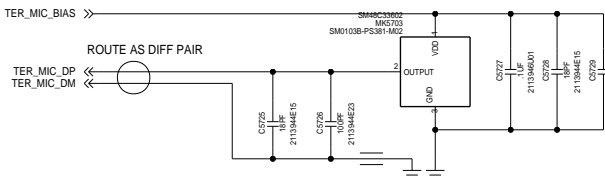
MIC 2
REF: 5715-5724



MIC 4
REF: 5735-5744

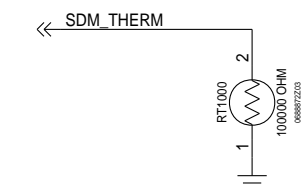



MIC 3
REF: 5725-5734



APPROVALS		MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOROLA		BLOCK TITLE: audio	
LAST MODIFIED BY: MOTOROLA Wed Apr 17 17:26:19 2019		PROJECT NAME C sr28c48948_b_0527.cpm	
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CAD FILE NAME:		PAGE 47 of 67	

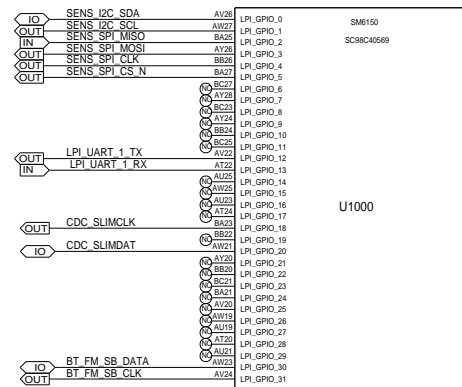
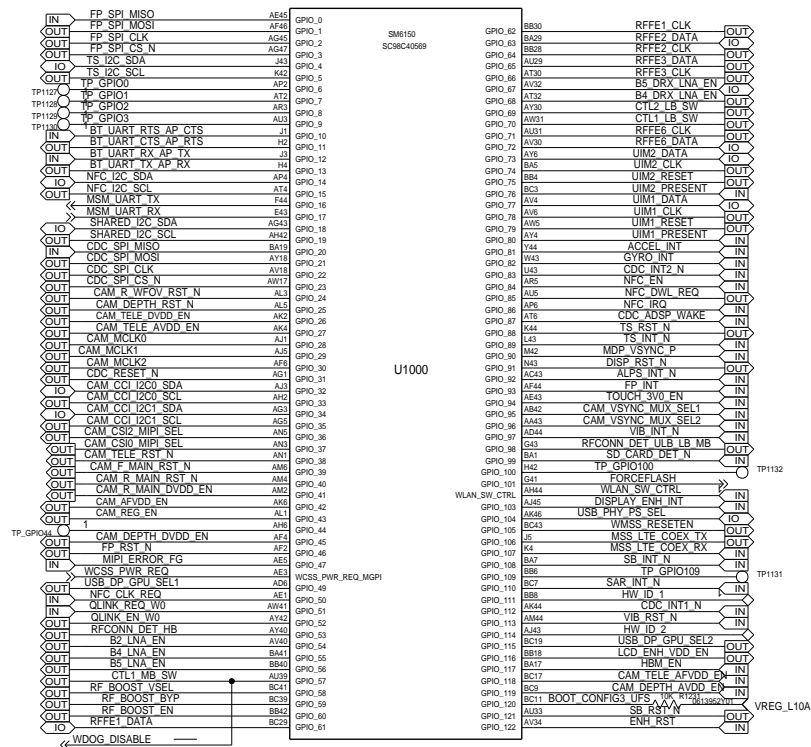
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Tue Apr 30 10:00:17 2019			
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		CAD FILE NAME:	PAGE 48 OF 67

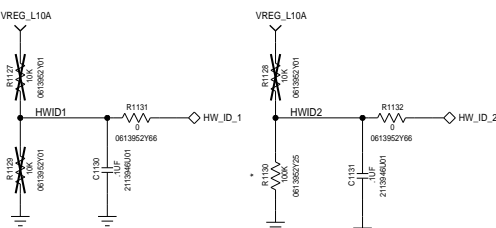
SM6150: GPIOs

ENSURE THAT THERE ARE NO EXTERNAL PULLS ON THE GPIOs (92, 93, 64, 63, 113, AND 53) IF SECURE BOOT IS NOT REQUIRED.
THE _X000D_EXTERNAL PULLS CAN FORCE THE SDM DEVICE TO ENTER SECURE BOOT OR TO SELECT A DIFFERENT BOOT DEVICE.

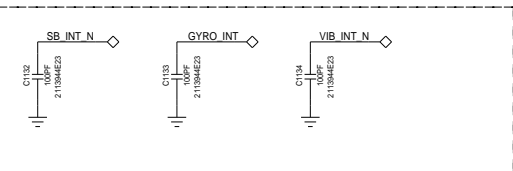
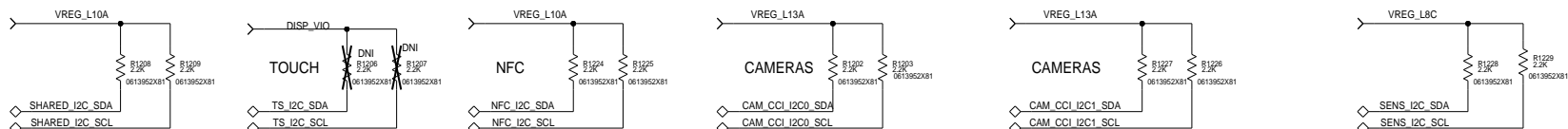


MOT BOARD ID

FOR RUNTIME REVISION INFORMATION, REFER TO:
<https://sites.google.com/a/motorola.com/runtime-product-ids>



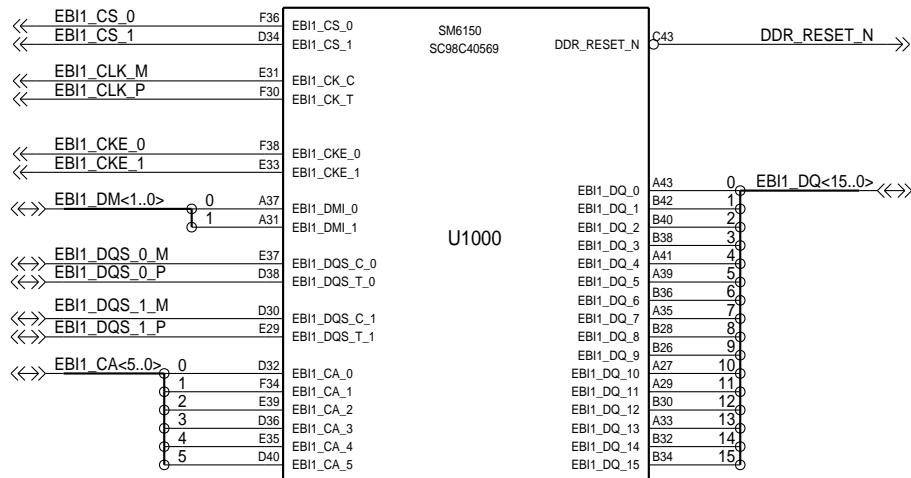
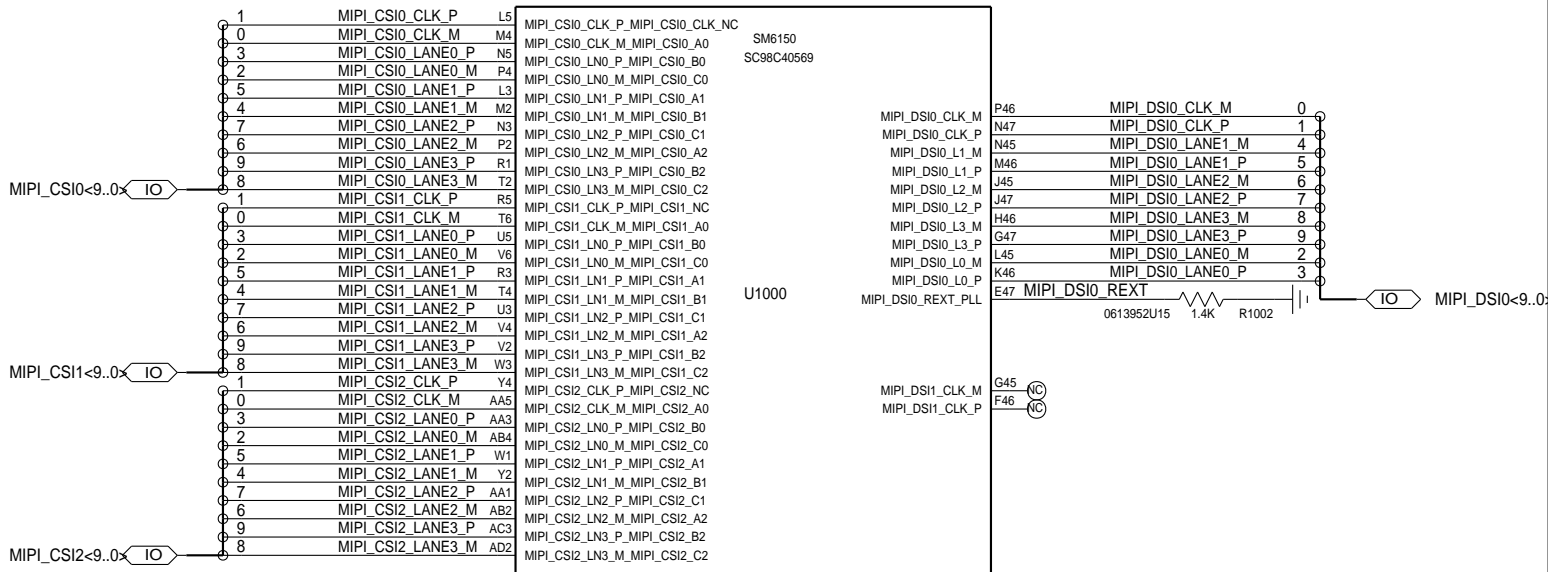
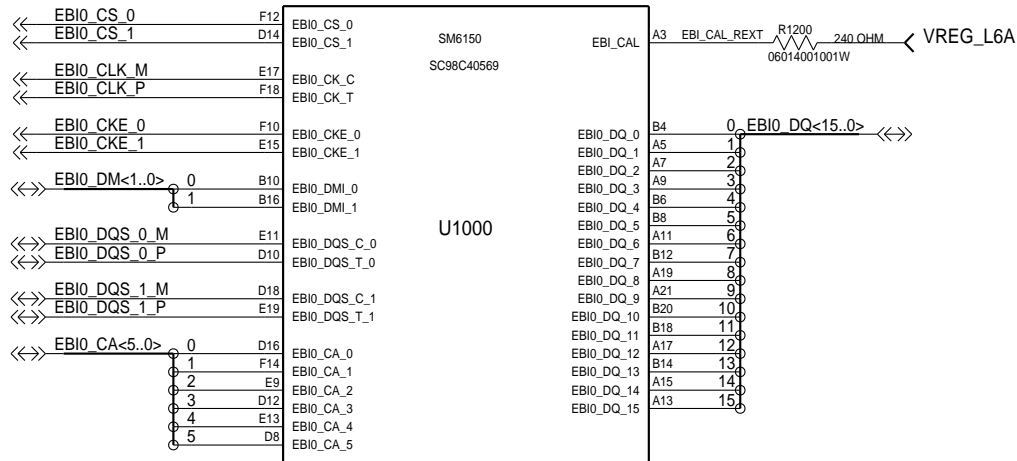
I2C BUS PULL-UPS




APPROVALS		REVISIONS	
ENGINEER: MOTOROLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOROLA		DATE	
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CAD FILE NAME:		PAGE 49 of 67	

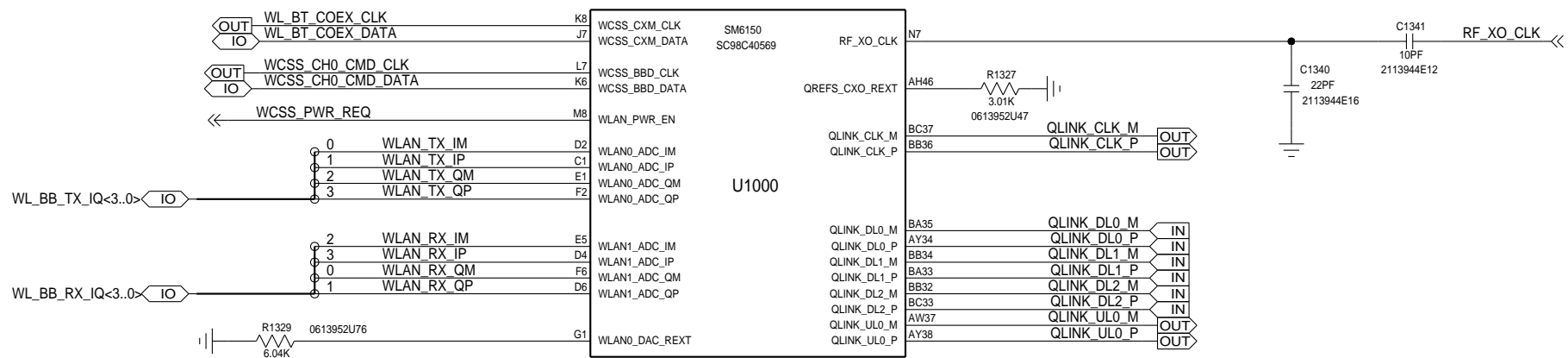
SM6150: MIPI/DSI/CSI/EBI0


REF 1200-1299



APPROVALS		 MOTOROLA MOBILE DEVICES	
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LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:24 2019			
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		CAD FILE NAME: PAGE 50 OF 67	

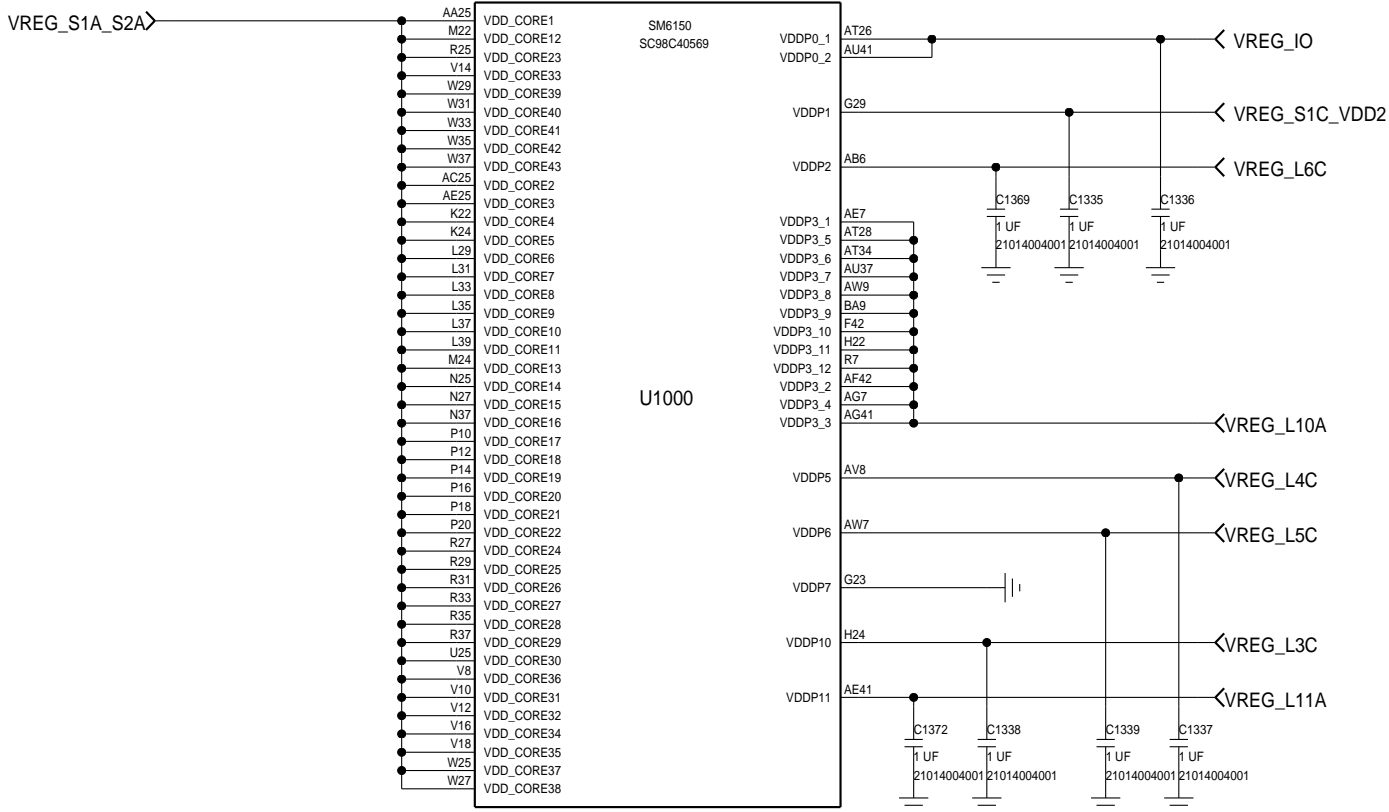
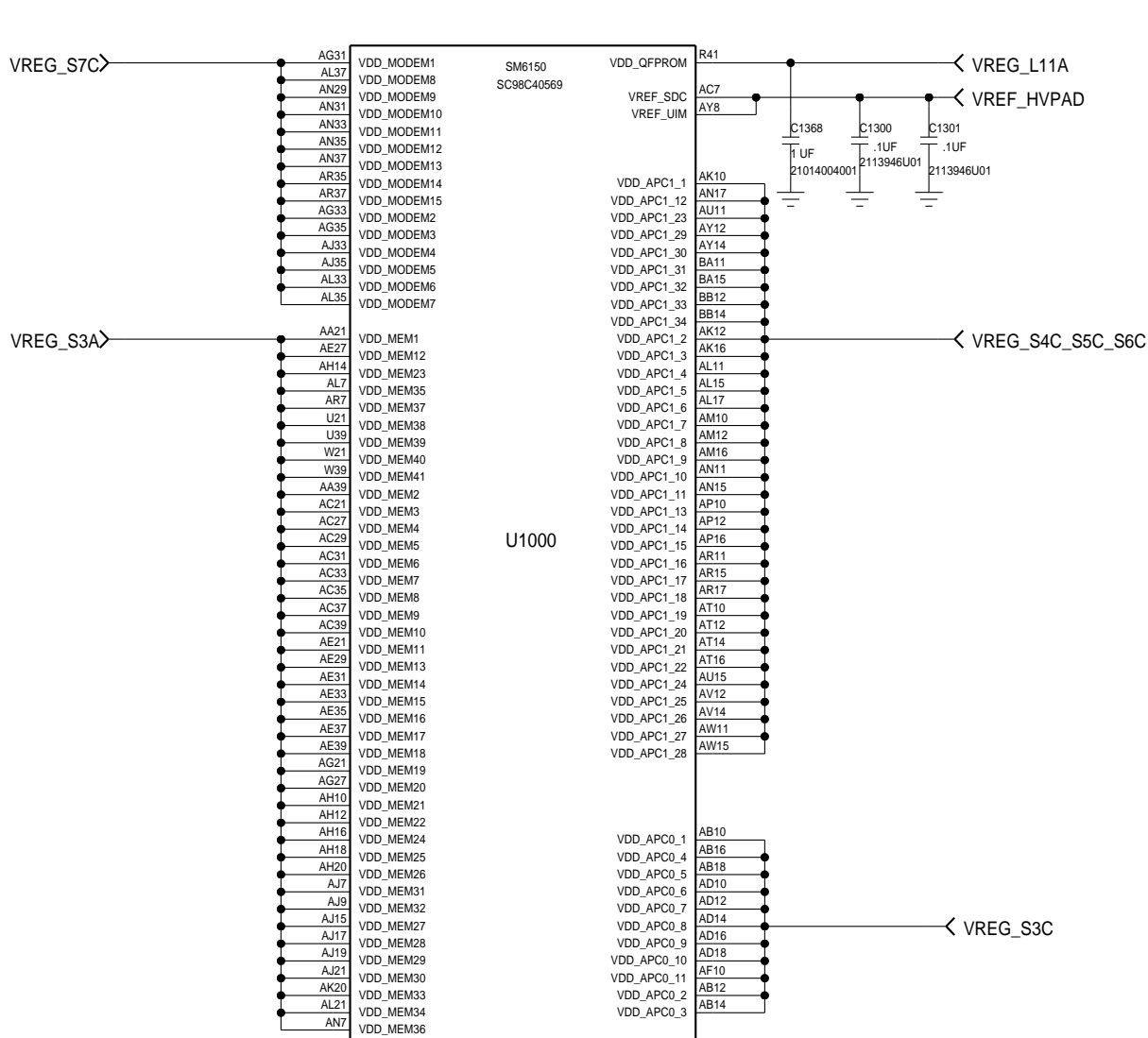
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REF 1200-1299




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LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:24 2019			
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		<div>CAD FILE NAME:</div> <div>PAGE 51 OF 67</div>	

SM6150: PWR1/PWR2

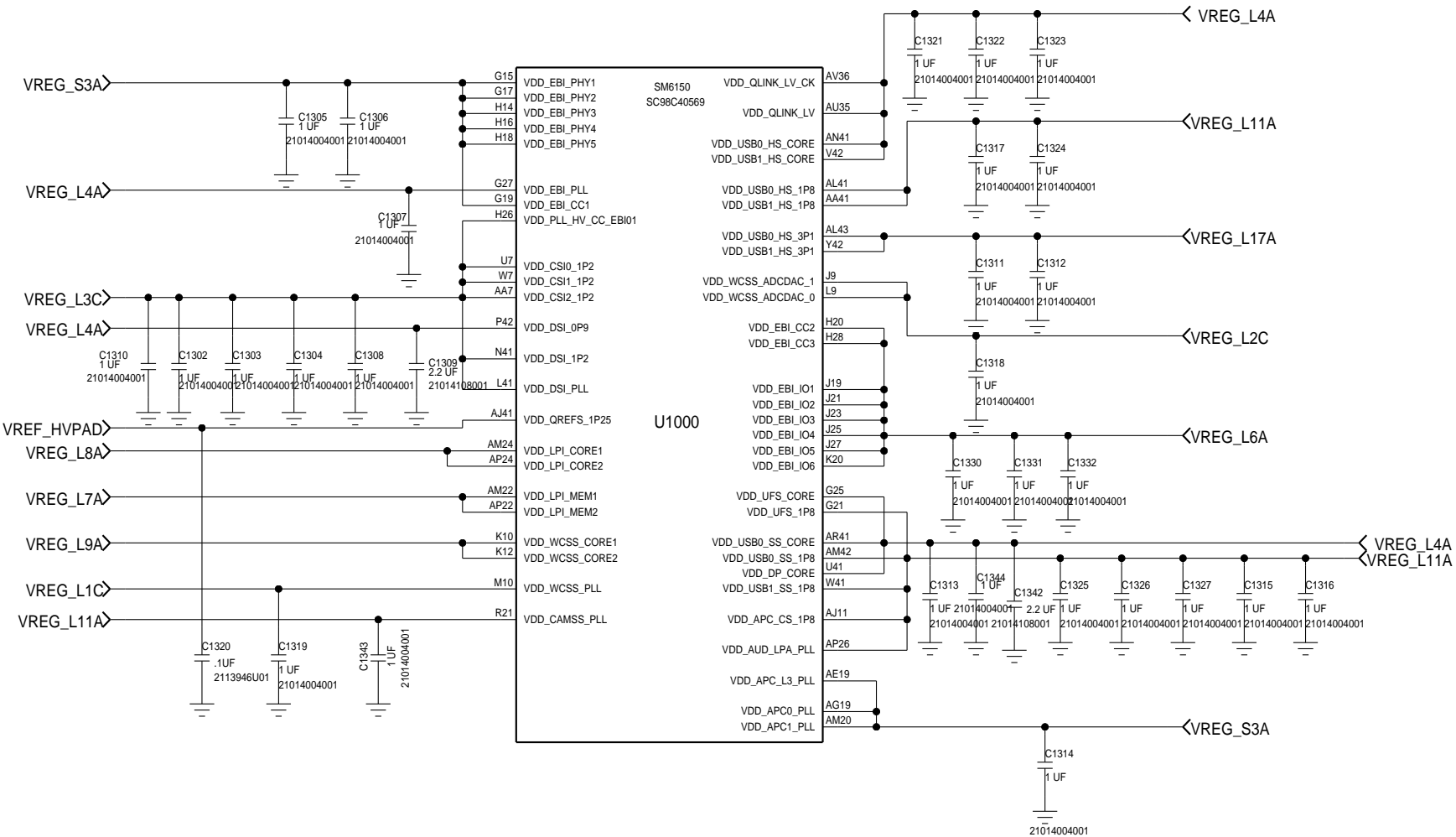
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SM6150: PWR3

REF 1300-1399



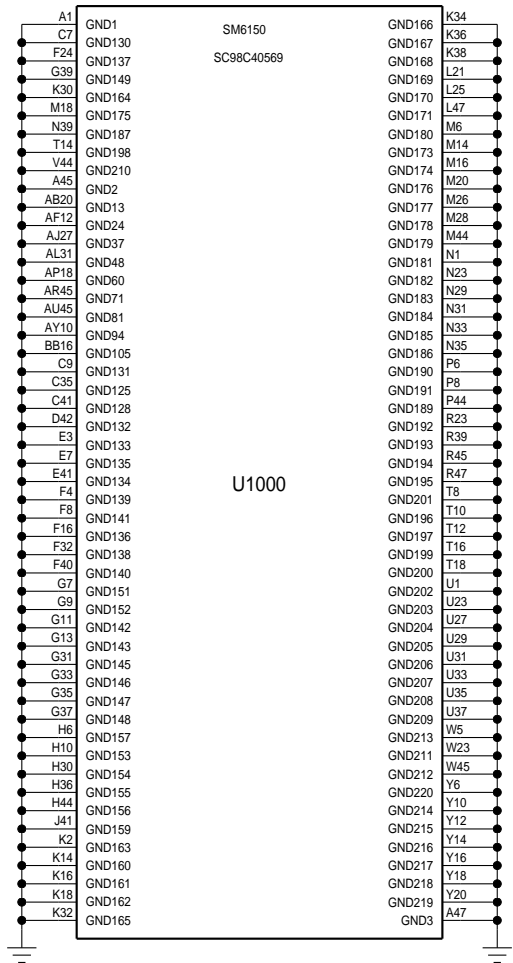
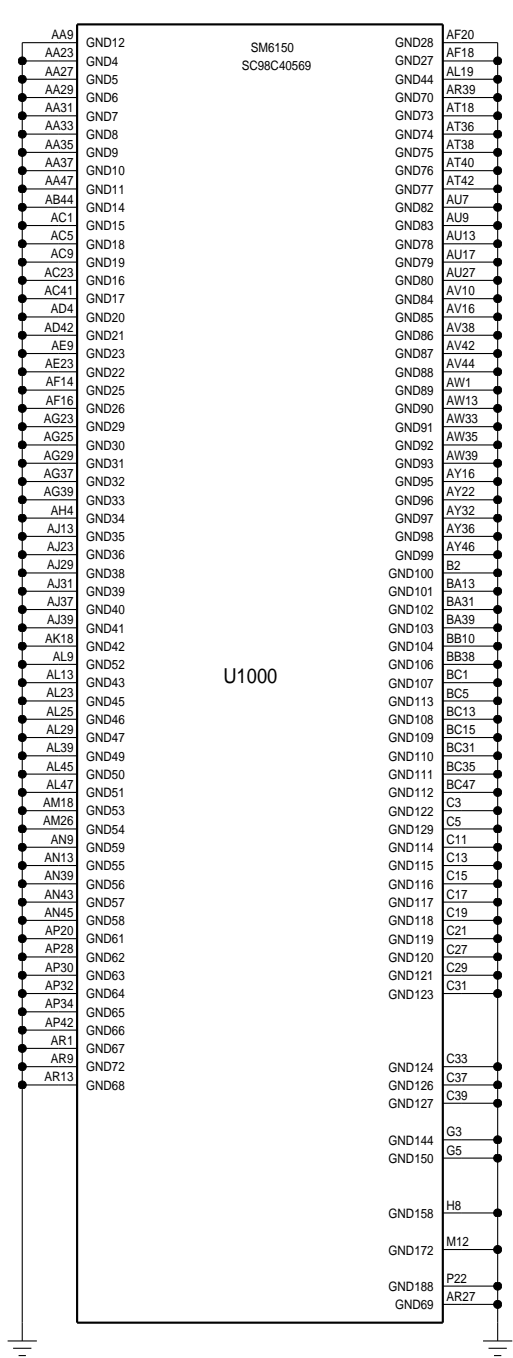
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		CAD FILE NAME: PAGE 53 OF 67	


D



A

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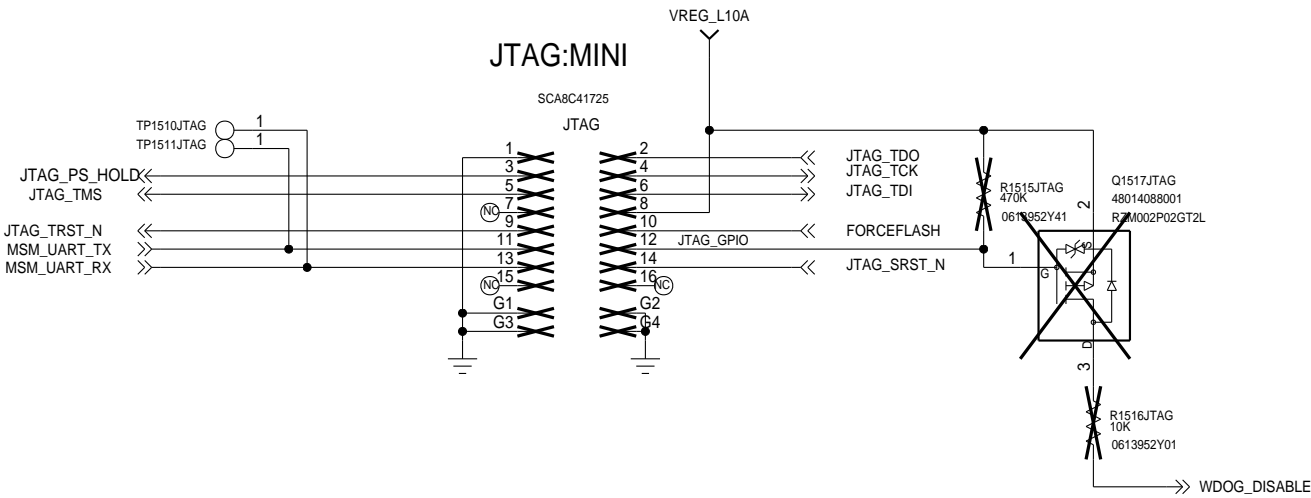


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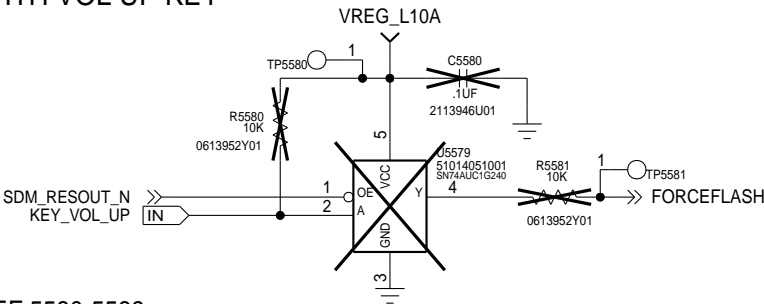
SM6150: DEBUG

REF 1000-1099

(DNI FOR PRODUCTION)



FORCE FLASH SUPPORT WITH VOL UP KEY



REF:5580-5589

APPROVALS

ENGINEER: MOTOROLA

LAST MODIFIED BY: MOTOROLA
Wed Apr 03 11:16:26 2019

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BLOCK TITLE:

ap_pmic

PROJECT NAME
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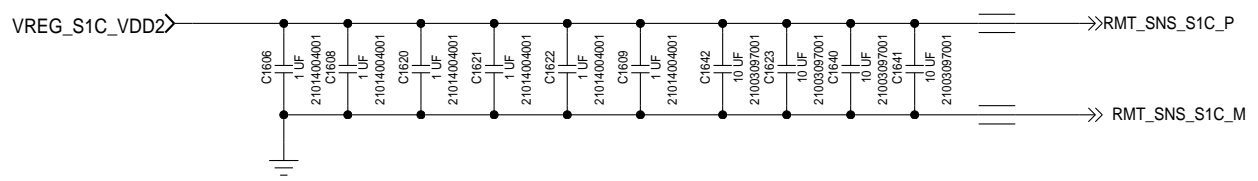
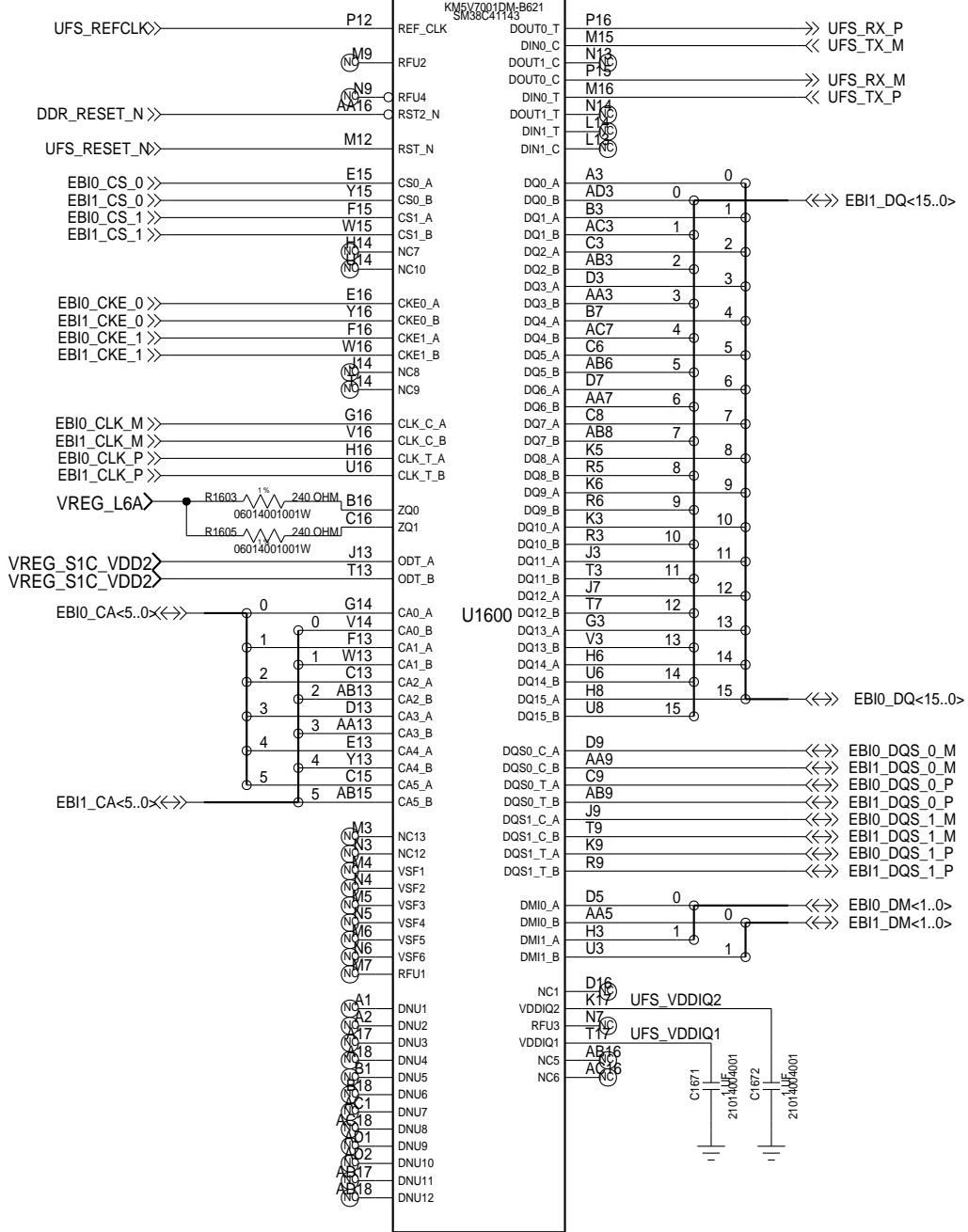
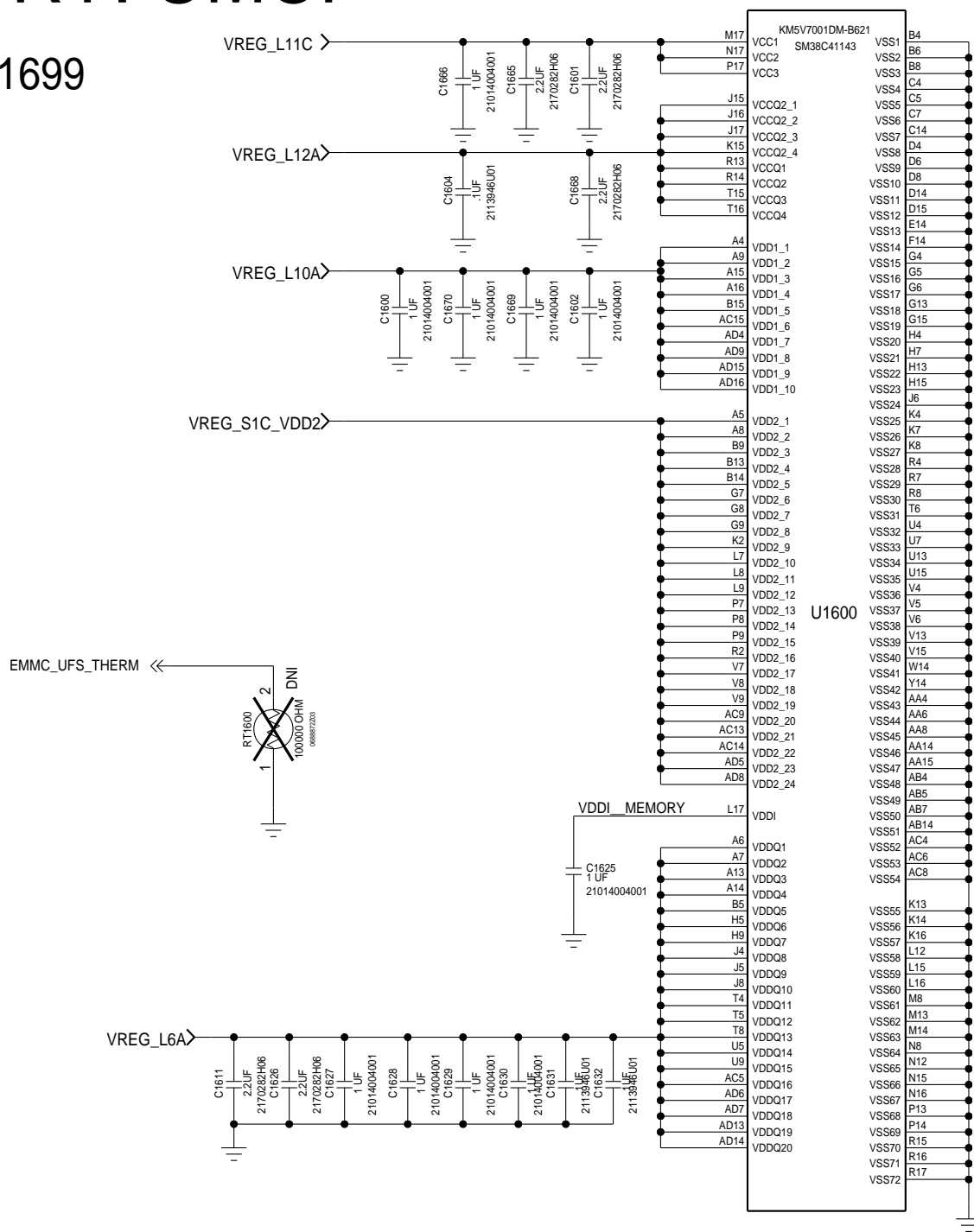
REV
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CAD FILE NAME:

PAGE 56 OF 67

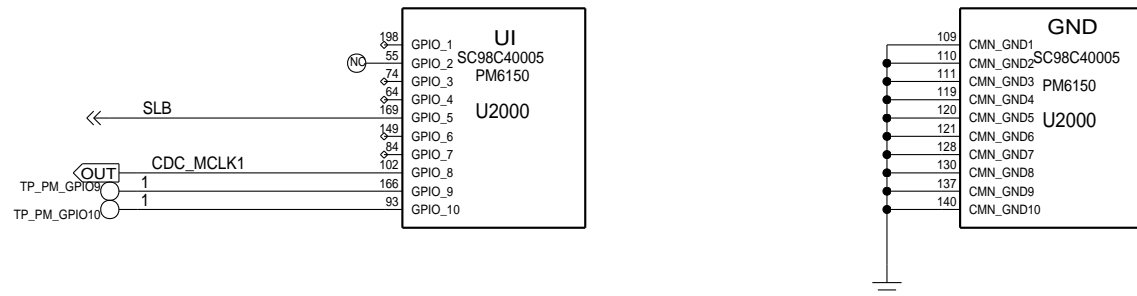
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APPROVALS		 MOTOROLA MOBILE DEVICES	
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CAD FILE NAME:			PAGE 57 OF 67

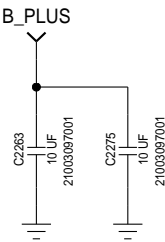
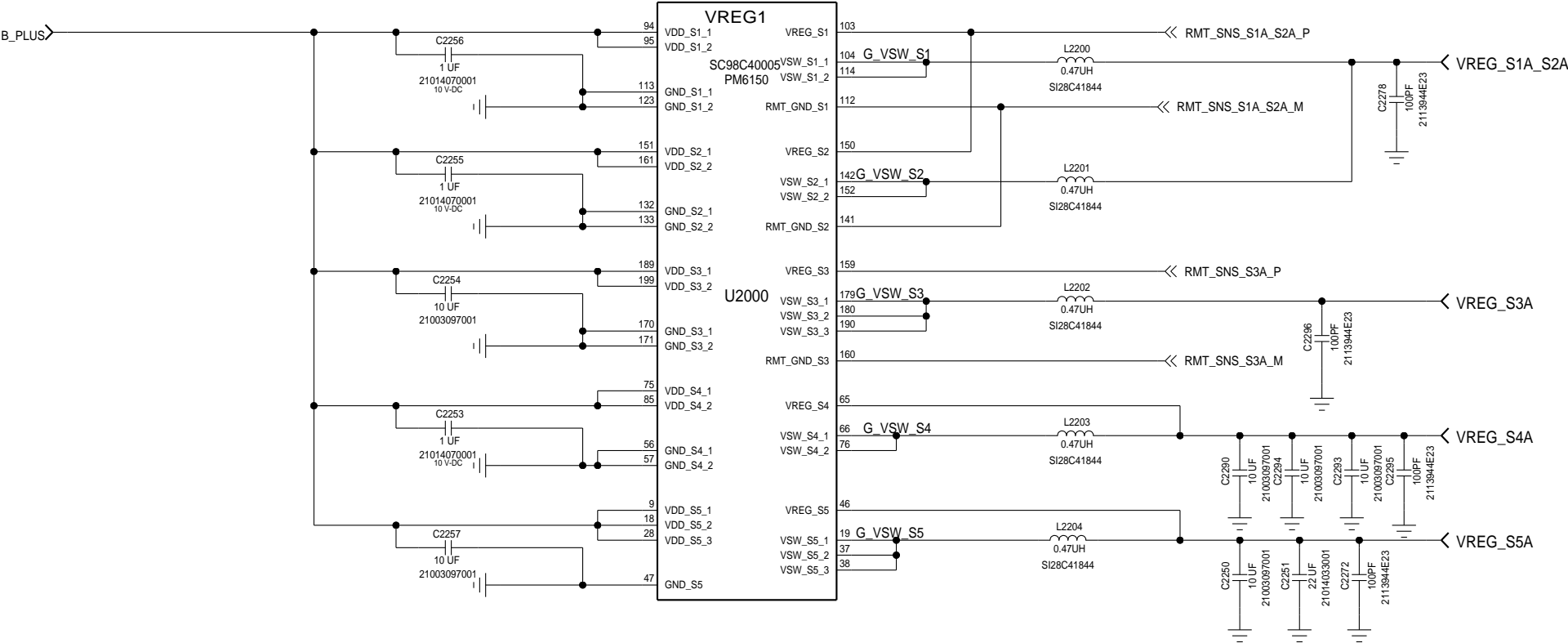
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		CAD FILE NAME:	PAGE 58 OF 67

PM6150: SMPS

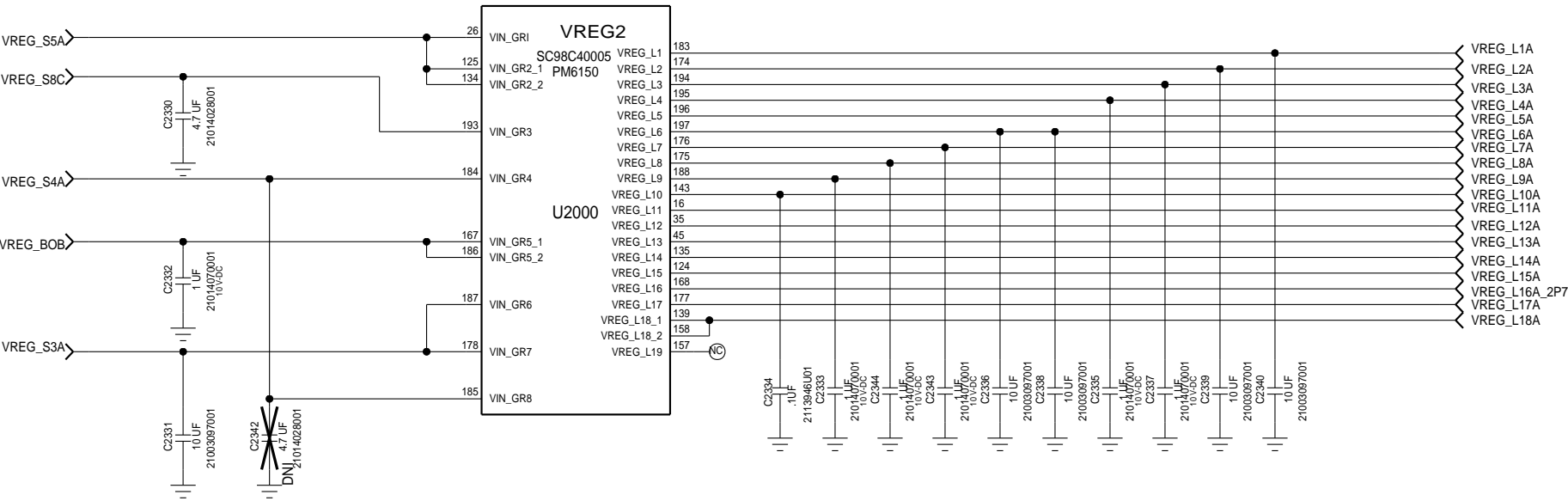
REF: 2200-2299



APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOROLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:28 2019		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 sr28c48948_b_0527.cpm	REV 03
CAD FILE NAME:			PAGE 59 OF 67


PM6150: LDOS

REF: 2300-2399



PSEUDO CAPLESS LDOS

FOR CAPLESS LDOS: IF DECAPS ON THE LOAD SIDE DO NOT
ADD UP TO LDO SPEC, THEN INSTALL THE CAP CLOSE TO THE PMIC

APPROVALS		<div> MOTOROLA</div> <div>MOBILE DEVICES</div>	
ENGINEER: MOTOROLA		BLOCK TITLE: ap_pmic	
LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:28 2019			
MOTOROLA CONFIDENTIAL RESTRICTED			
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		CAD FILE NAME: PAGE 60 OF 67	

REF: 2400-2419



APPROVALS



MOTOROLA
MOBILE DEVICES

ENGINEER: MOTOROLA

BLOCK TITLE:

LAST MODIFIED BY: MOTOROLA
Wed Apr 03 11:16:29 2019

ap_pmic

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		PROJECT NAME
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B	sr28c48948_b_0527.cpm
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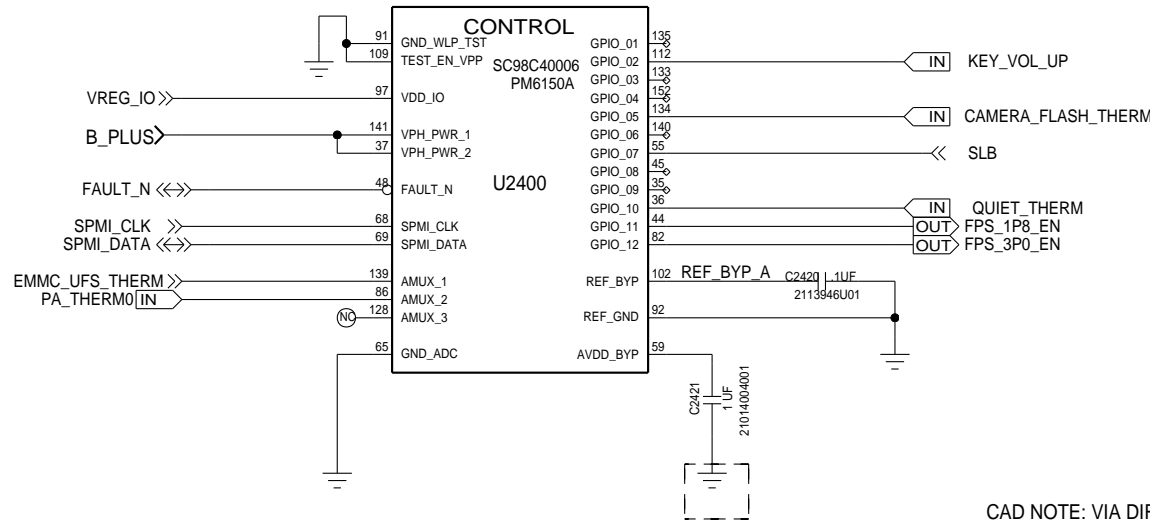
REV
03

CAD FILE NAME:

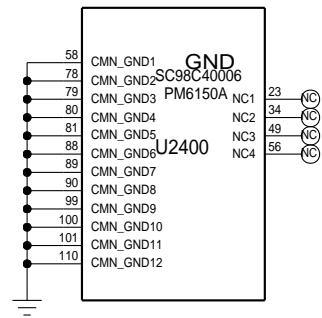
PAGE 61 OF 67


PM6150A: GPIOs

REF: 2420-2439



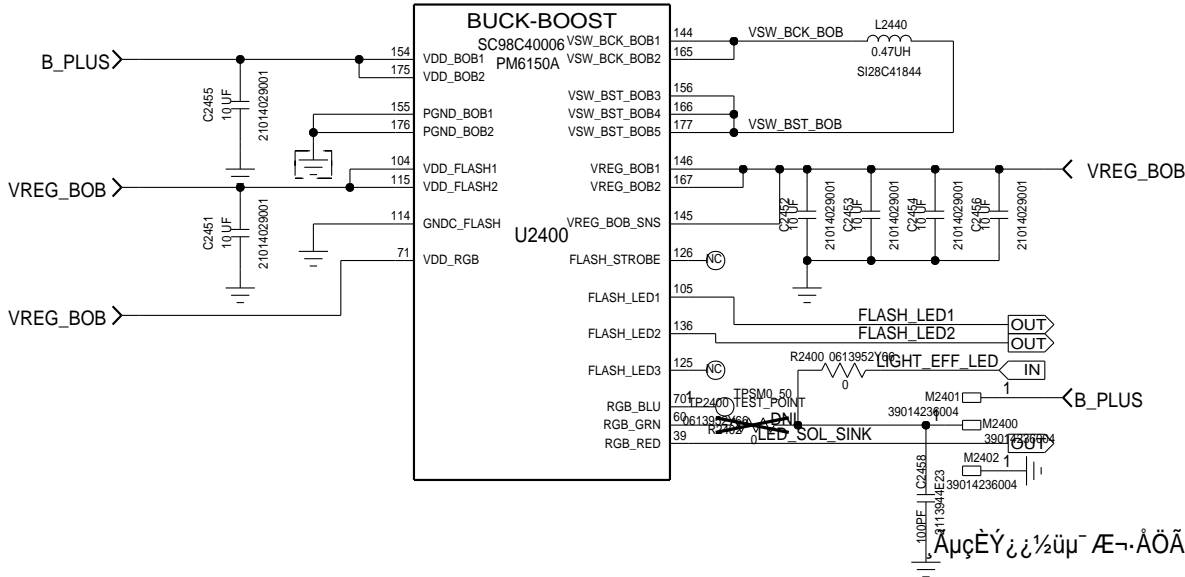
CAD NOTE: VIA DIRECTLY TO MAIN GND. DON'T CONNECT TO ANY OTHER GND




APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOROLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:30 2019		ap_pmic	
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		B sr28c48948_b_0527.cpm	
		REV	
		03	
		CAD FILE NAME:	
		PAGE 62 OF 67	

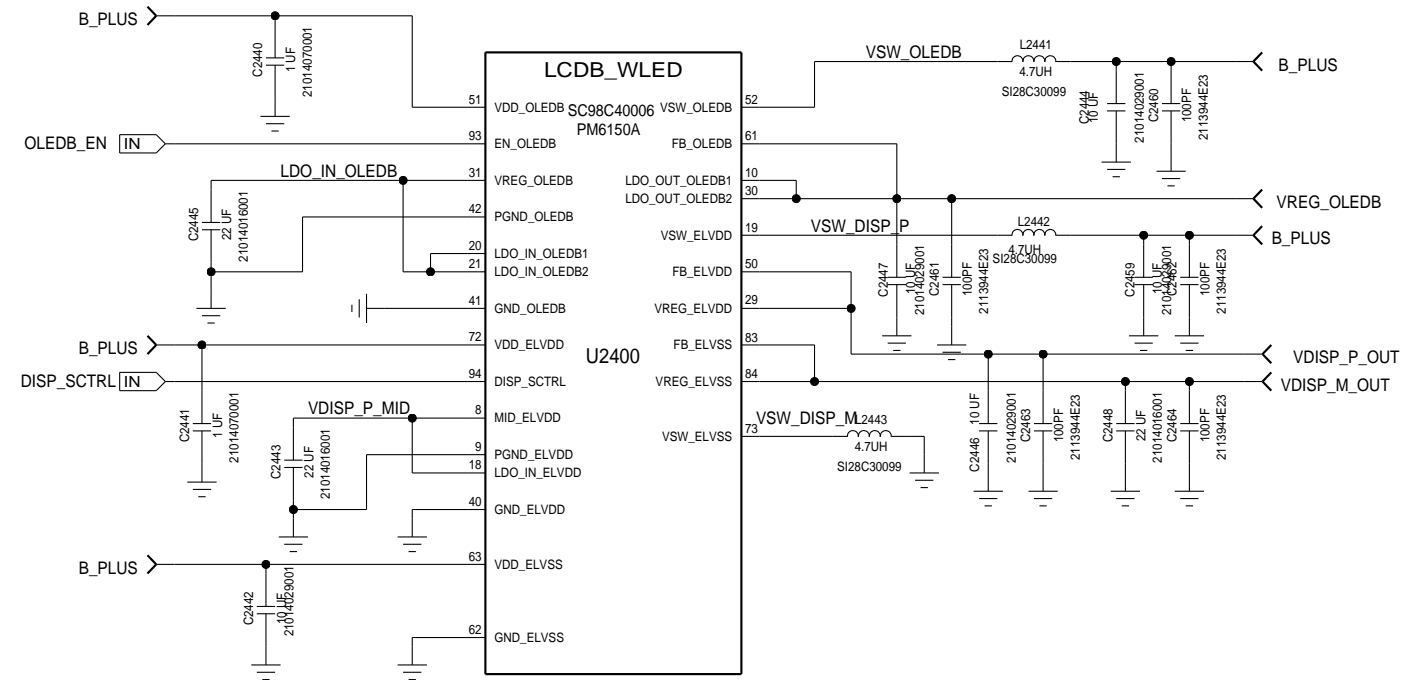
PM6150A: BOB_FLASH


REF: 2440-2459



APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOROLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:30 2019		ap_pmic	
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		REV 03	
		CAD FILE NAME: PAGE 63 OF 67	

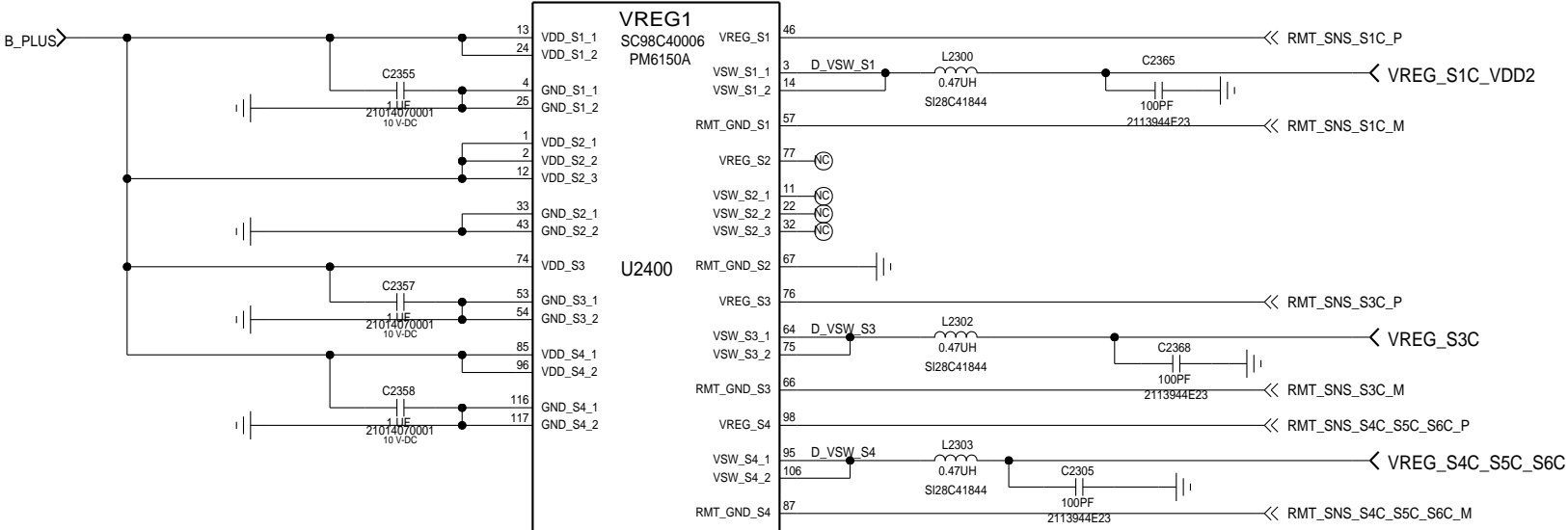
REF: 2440-2459



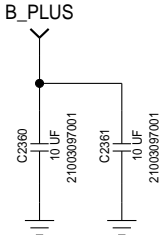
APPROVALS		<div> MOTOROLA</div> <div>MOBILE DEVICES</div>		
ENGINEER: MOTOROLA		BLOCK TITLE: ap_pmic		
LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:30 2019				
<div>MOTOROLA CONFIDENTIAL RESTRICTED</div> <div>THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO MOTOROLA AND SHALL NOT BE USED OR DISCUSSED IN WHOLE OR IN PART WITHOUT MOTOROLA'S CONSENT.</div> <div>© COPYRIGHT, MOTOROLA. THIS DOES NOT IMPLY PUBLICATION</div>		B	PROJECT NAME sr28c48948_b_0527.cpm	REV 03
		CAD FILE NAME:		PAGE 64 OF 67


PM6150A: SMPS1

REF: 2300-2399



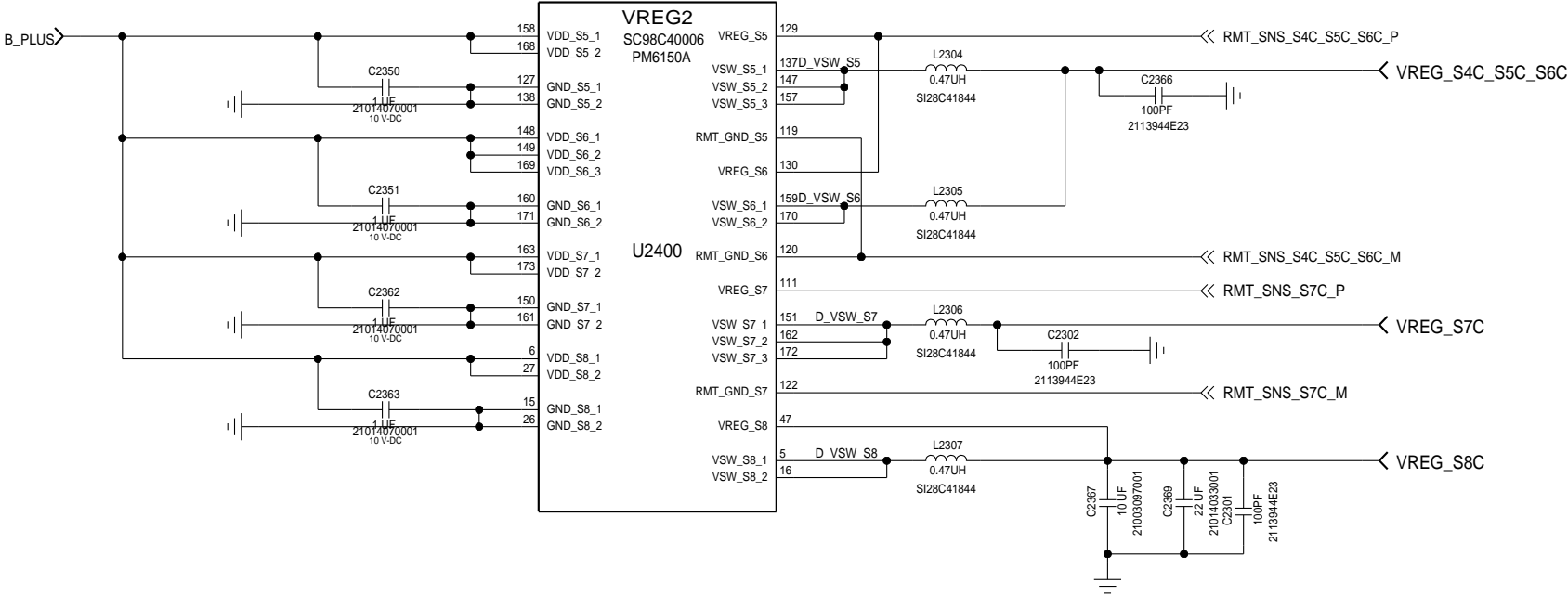
B_PLUS BULK _CAPS.DISTRIBUTE THESE ALL OVER U2400




APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOROLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:31 2019		ap_pmic	
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		CAD FILE NAME: PAGE 65 OF 67	

PM6150A: SMPS2

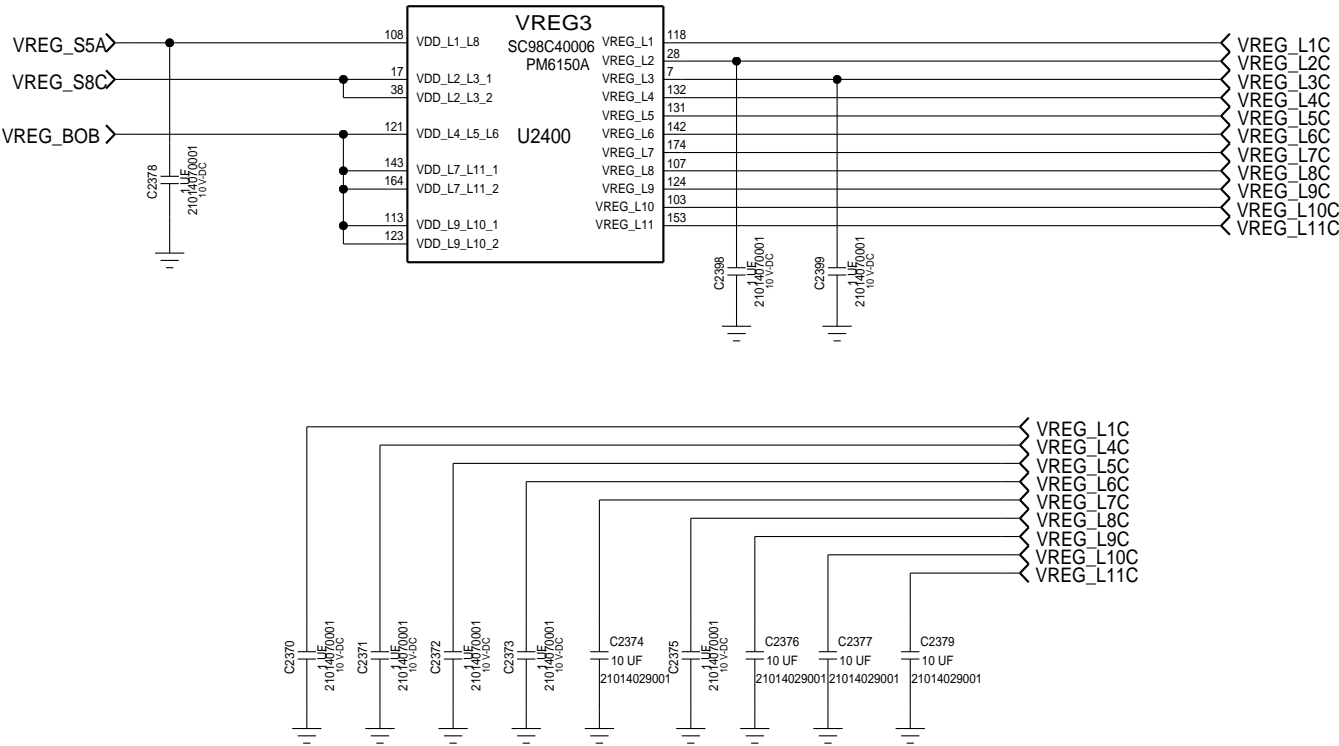
REF: 2300-2399




APPROVALS		<div> MOTOROLA</div> <div>MOBILE DEVICES</div>	
ENGINEER: MOTOROLA		BLOCK TITLE: ap_pmic	
LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:31 2019			
MOTOROLA CONFIDENTIAL RESTRICTED		PROJECT NAME	
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		CAD FILE NAME:	
		PAGE 66 OF 67	

PM6150A: LDOS

REF: 2300-2399



PSEUDO CAPLESS LDOS
FOR CAPLESS LODS:IF DECAPS ON THE LOAD SIDE DO NOT ADD UP TO LDO SPEC, THEN INSTALL THE CAP CLOSE TO THE PMIC

APPROVALS		 MOTOROLA MOBILE DEVICES	
ENGINEER: MOTOROLA		BLOCK TITLE:	
LAST MODIFIED BY: MOTOROLA Wed Apr 03 11:16:31 2019		ap_pmic	
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		CAD FILE NAME: PAGE 67 OF 67	