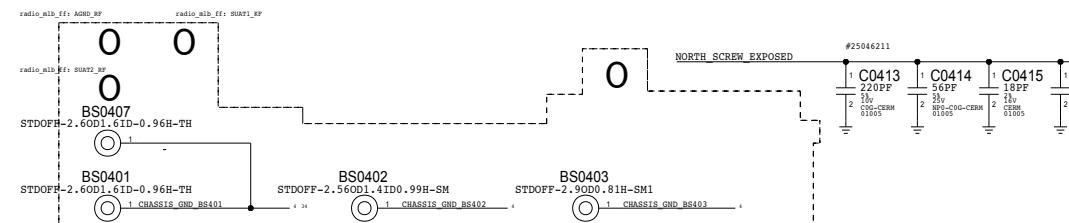


Current as of D21 MCO 056-03352 REV 42

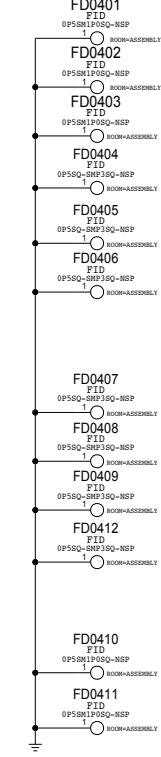
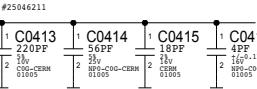
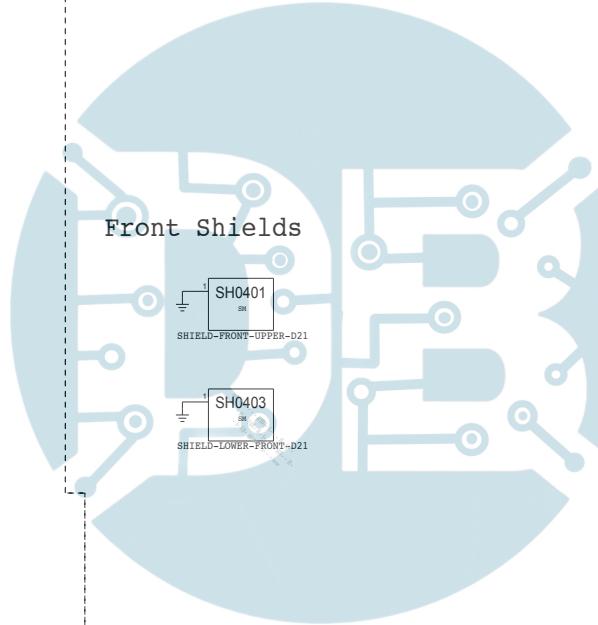
FIDUCIALS



Back Shields

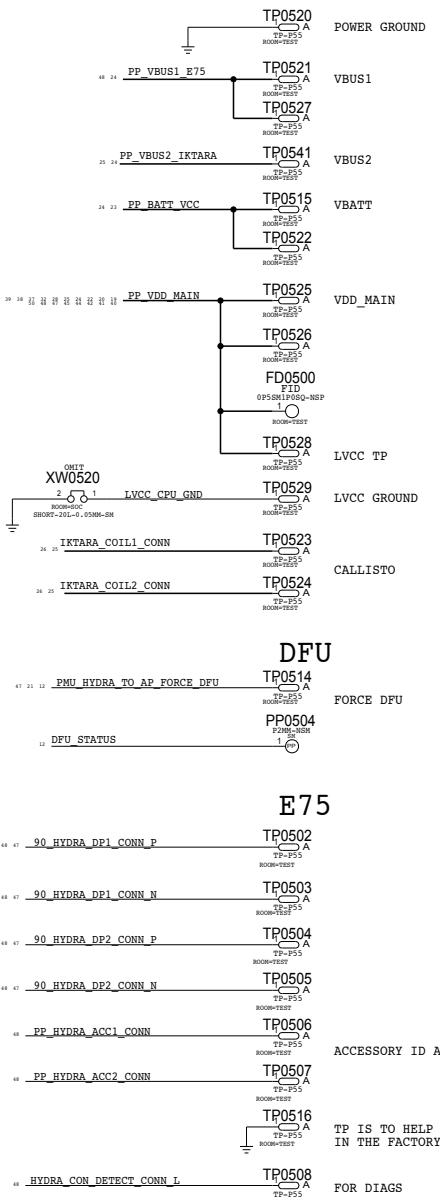


TOP SIDE



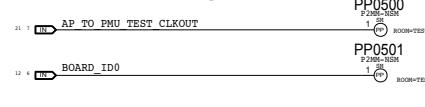
Test Points

POWER

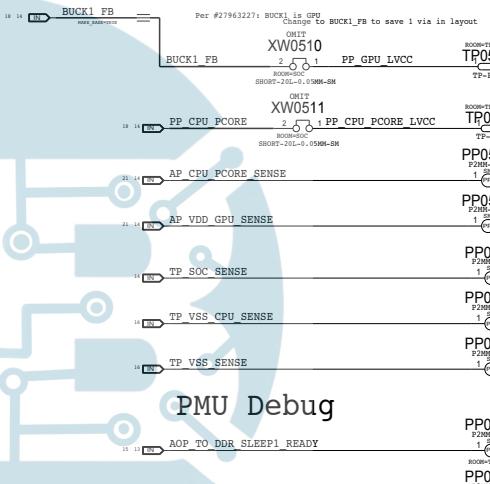


Probe Points

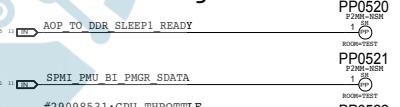
SOC Debug



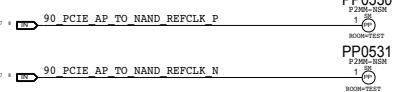
SOC CPU/GPU



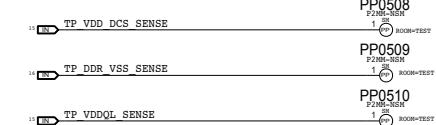
PMU Debug



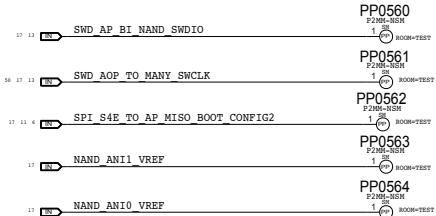
PCIE Refclk



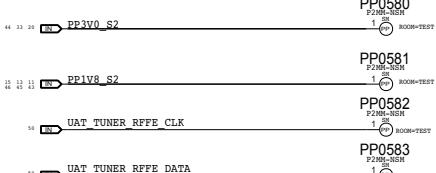
SOC DDR



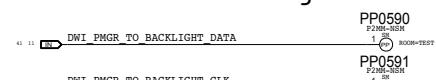
NAND Debug



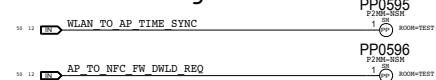
BB UAT Debug



BACKLIGHT Debug



RF Debug



SYSTEM: Testpoints

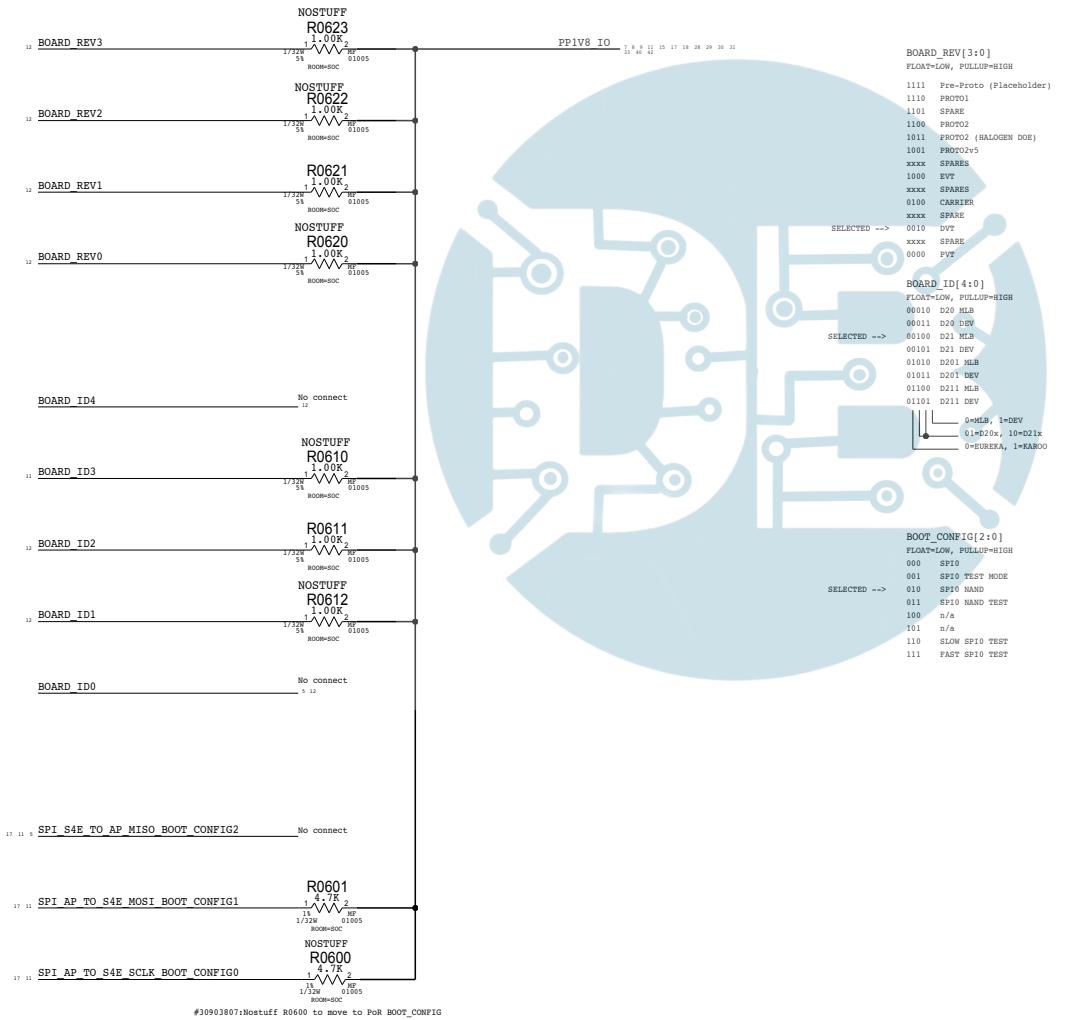
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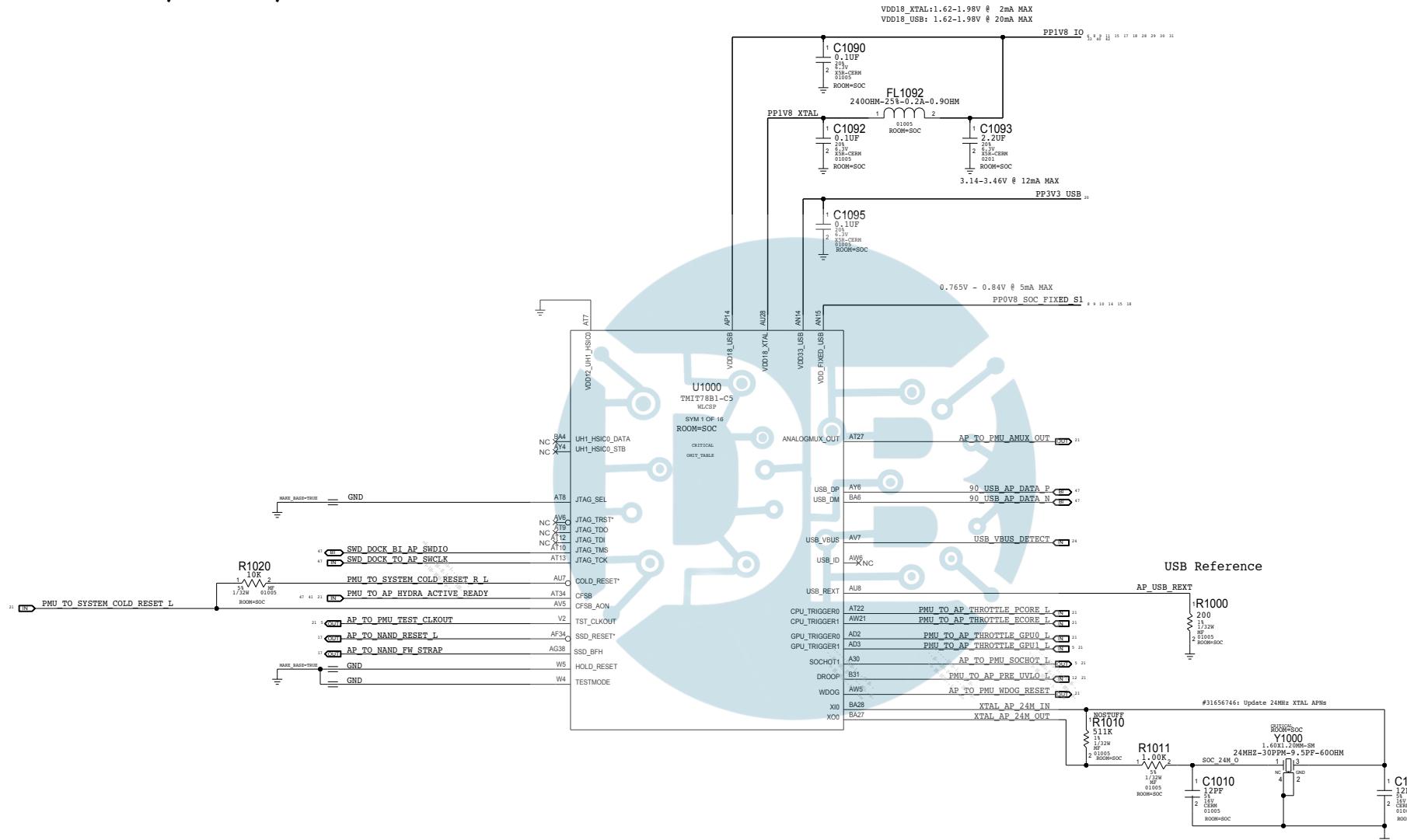
BOOTSTRAPPING:BOARD REV

BOARD ID

BOOT CONFIG

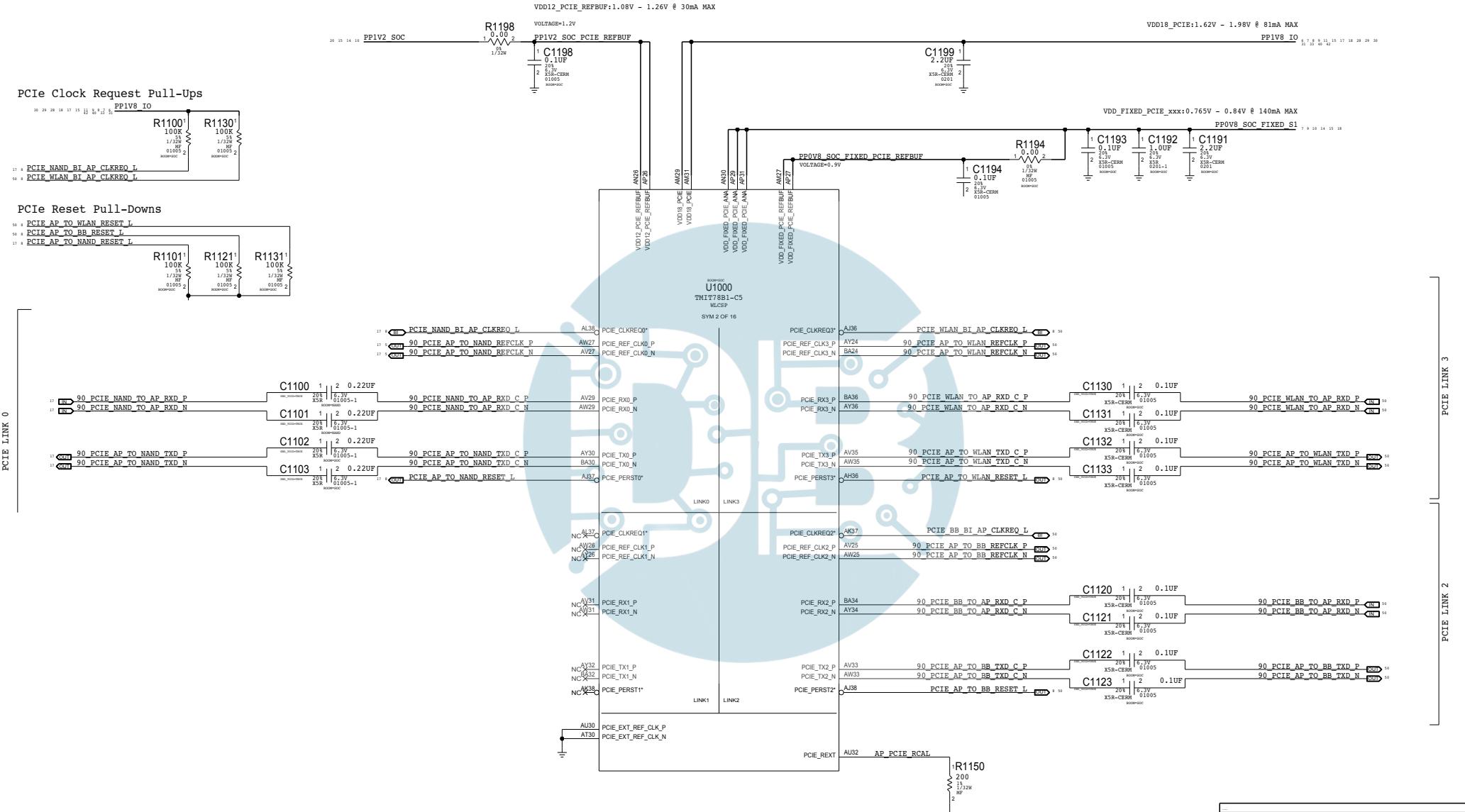


SOC - USB, JTAG, XTAL



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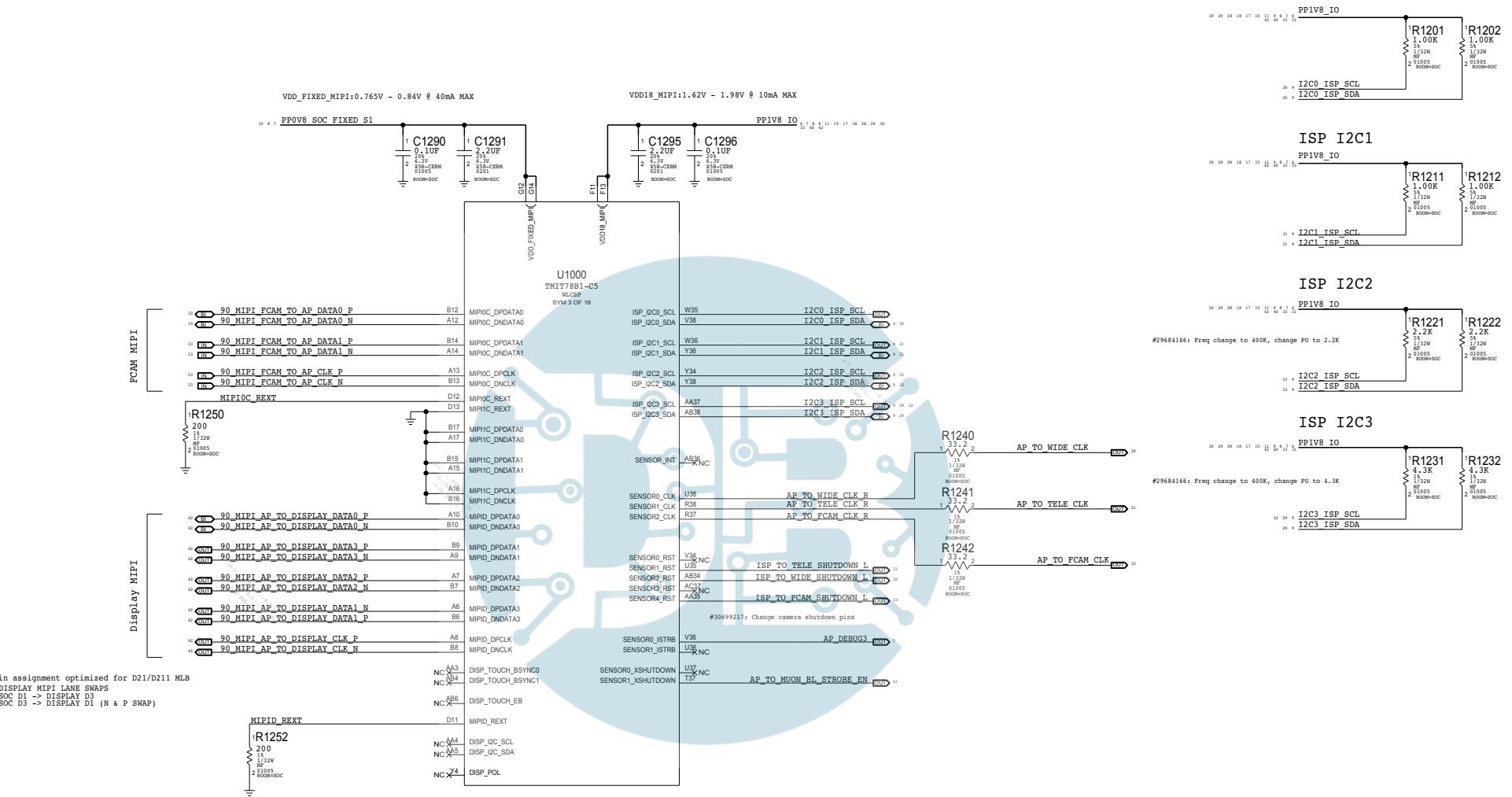
SOC - PCIE INTERFACES



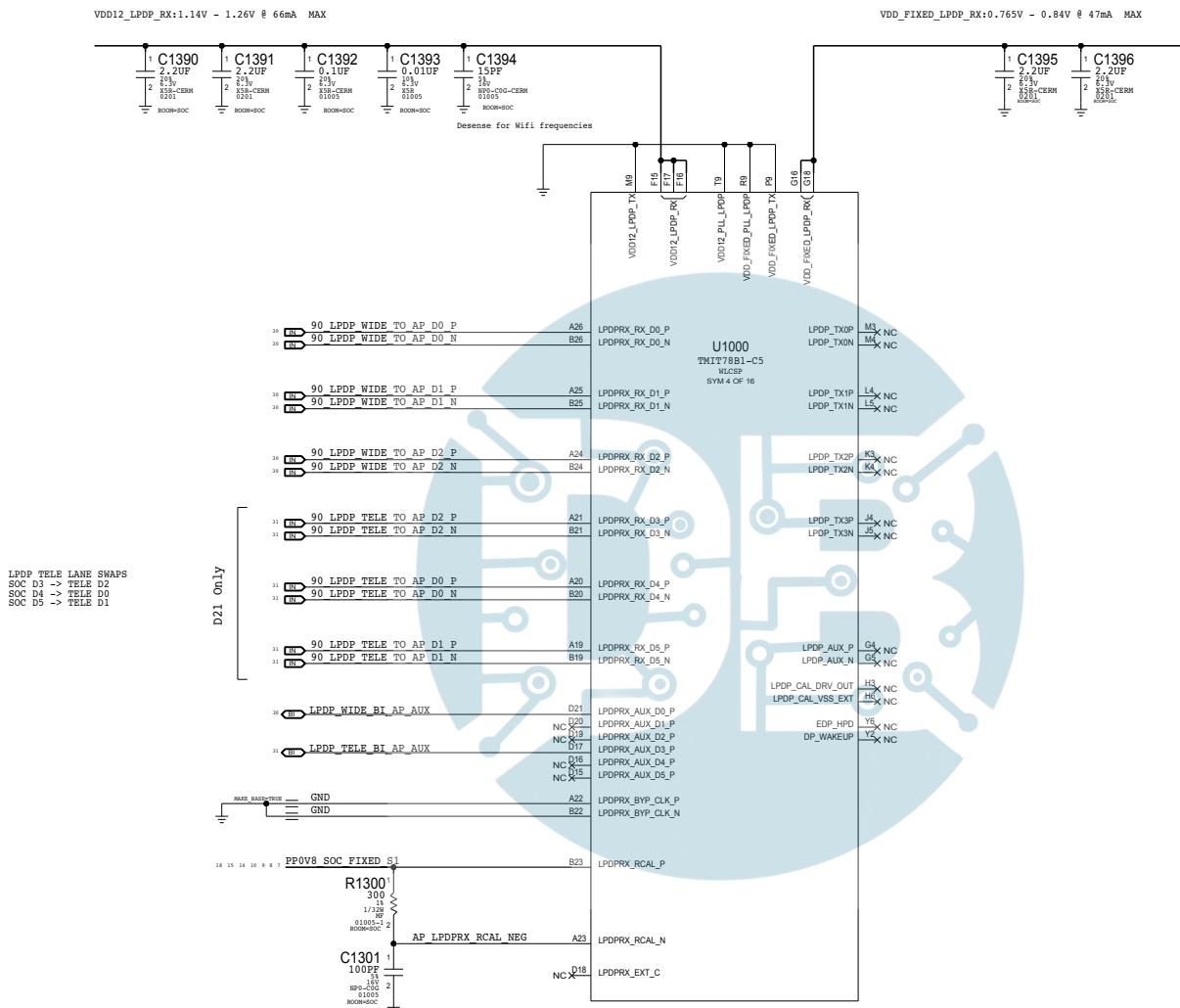
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SOC - MIPI & ISP INTERFACES

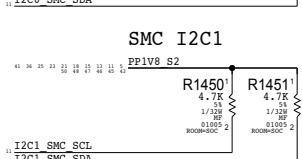
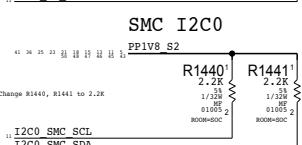
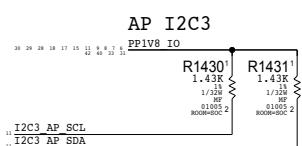
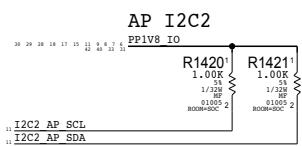
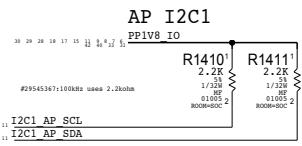
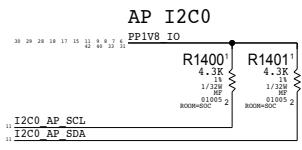
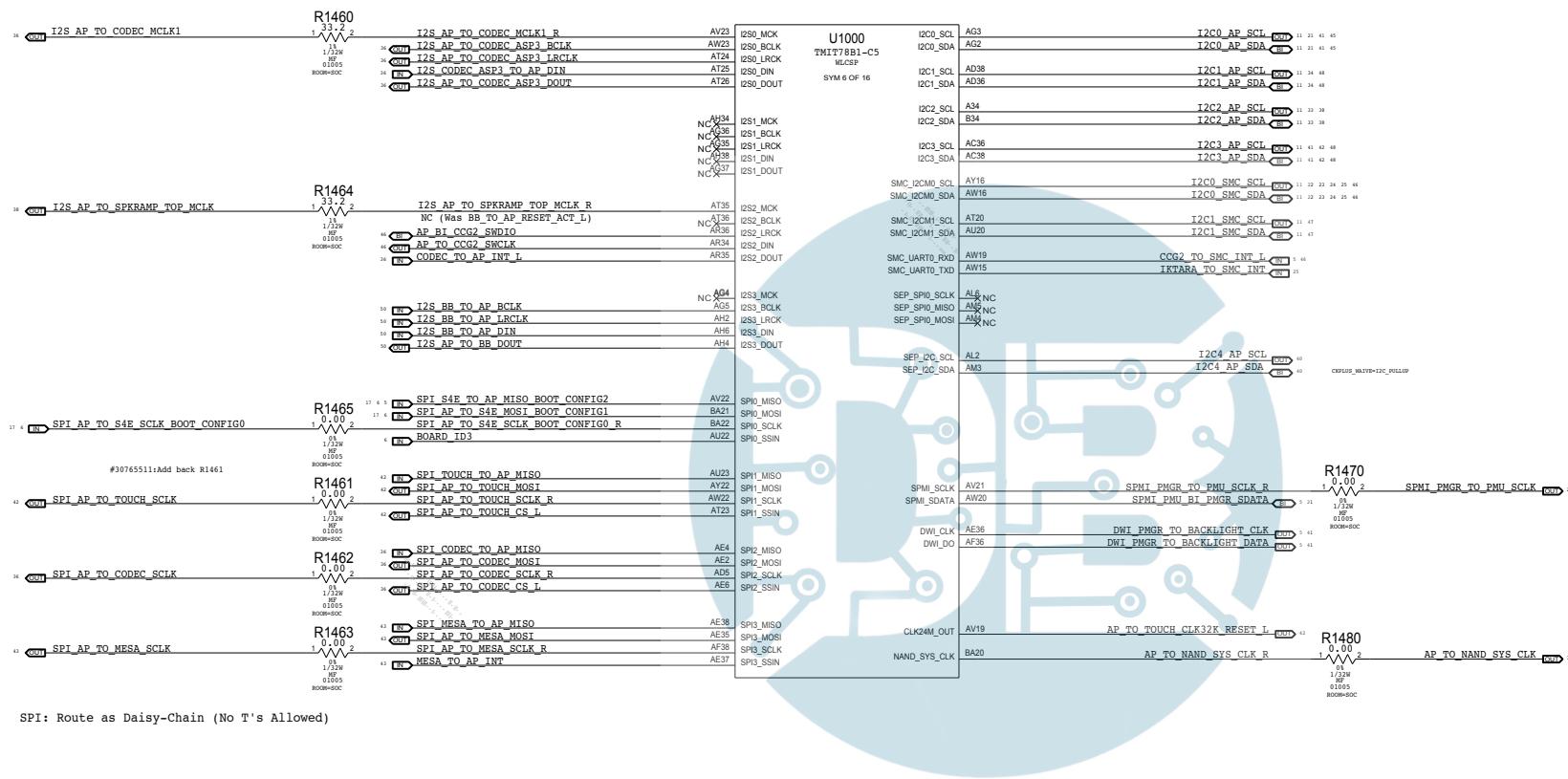


SOC - LPDP INTERFACES



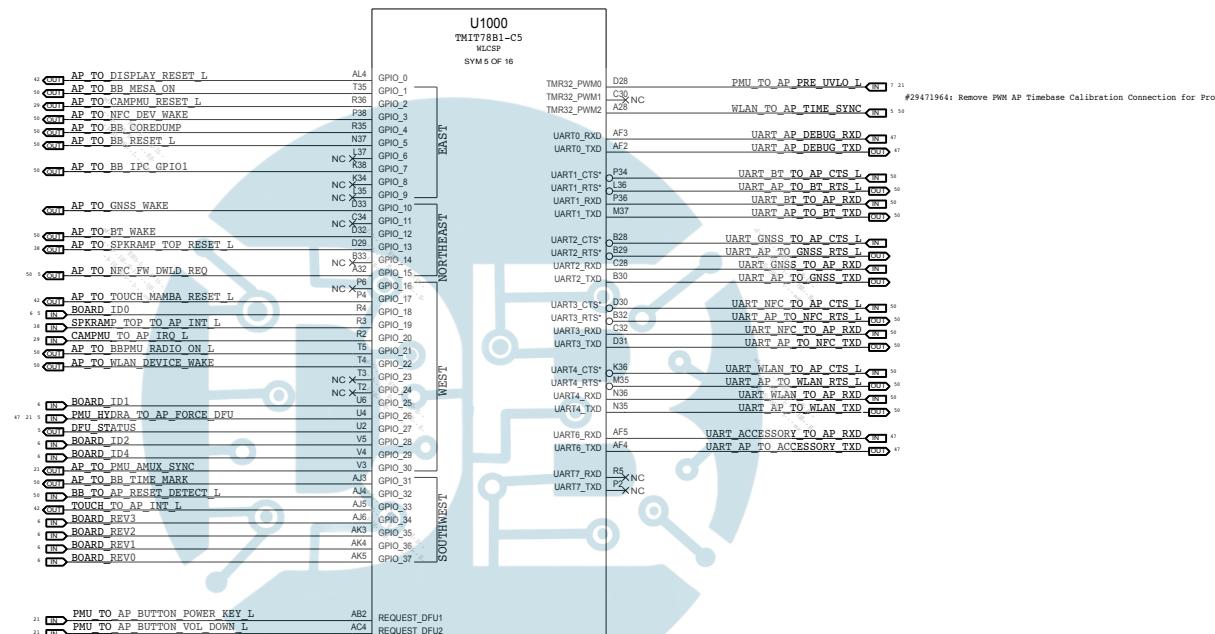
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SOC - SERIAL INTERFACES

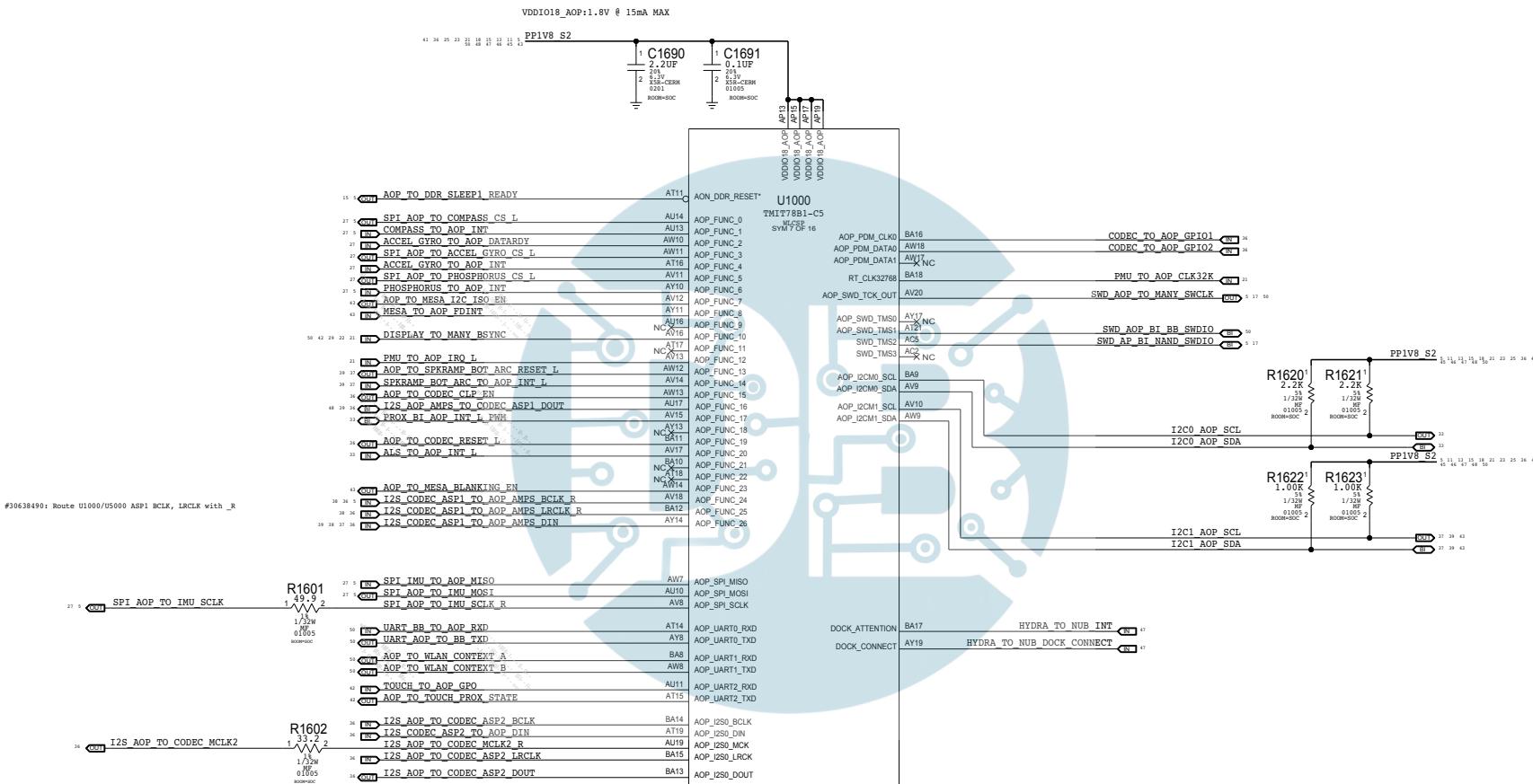


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SOC: SERIAL + SMC	051-02159	04/09/2013
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SOC - GPIO INTERFACES

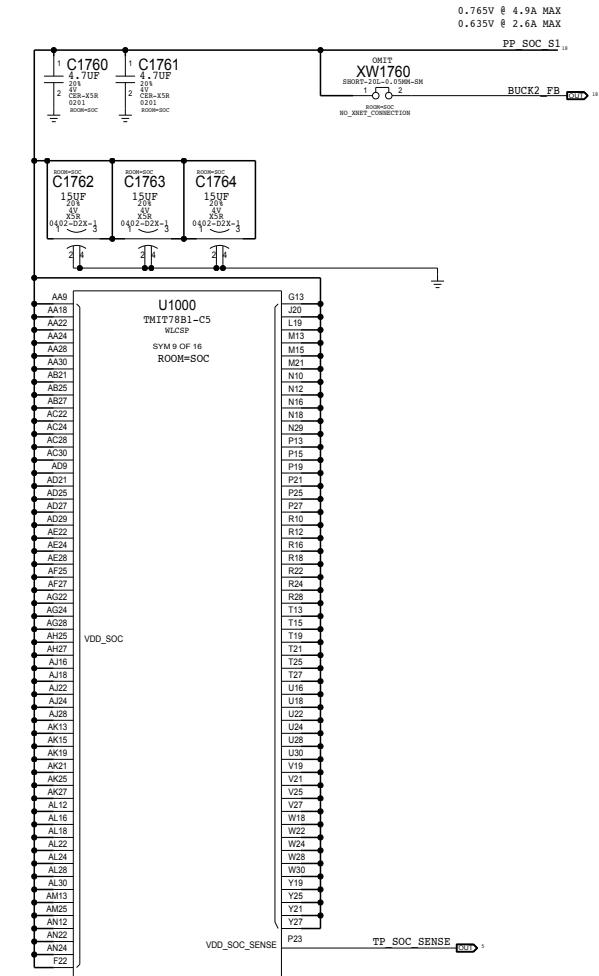
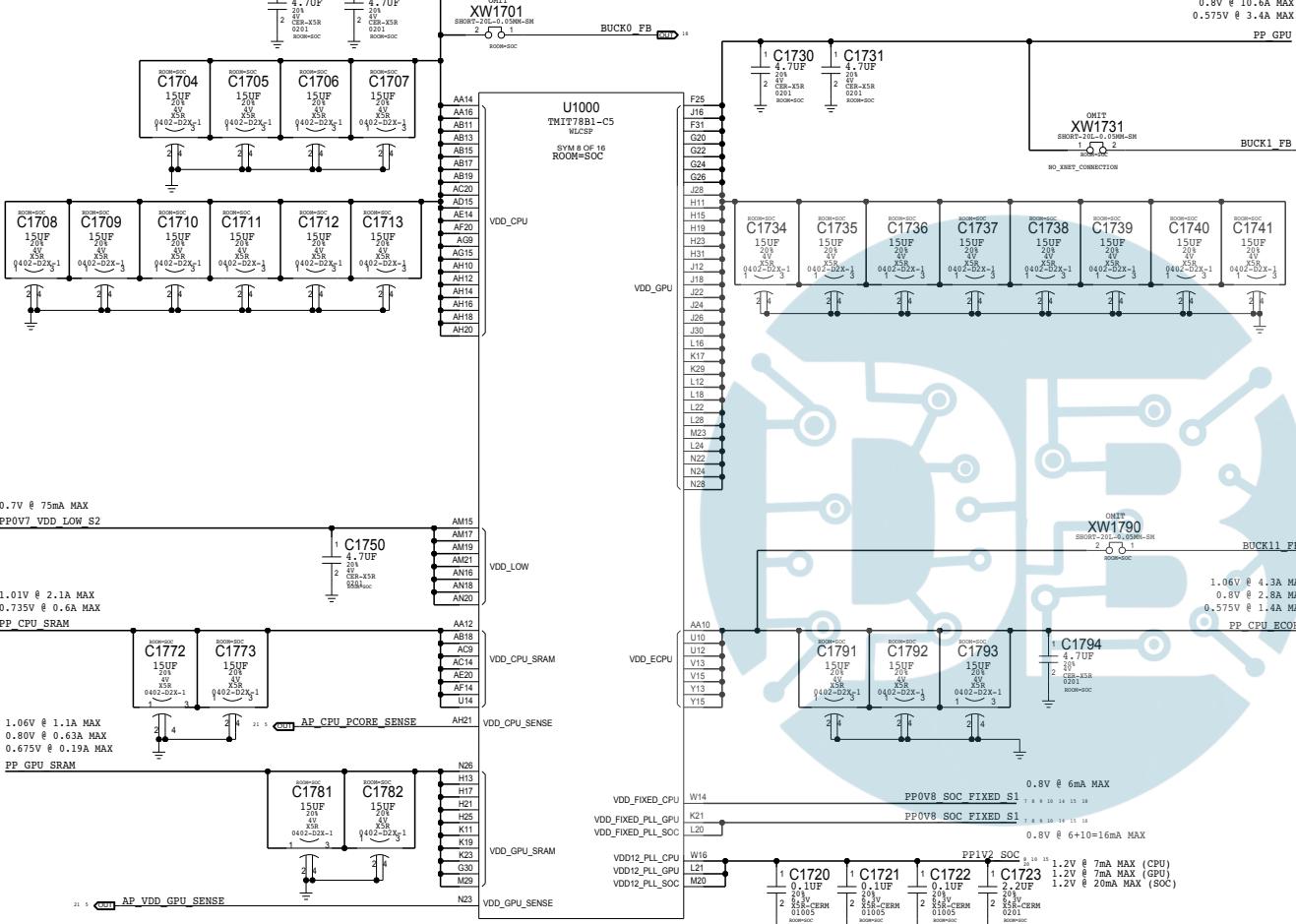


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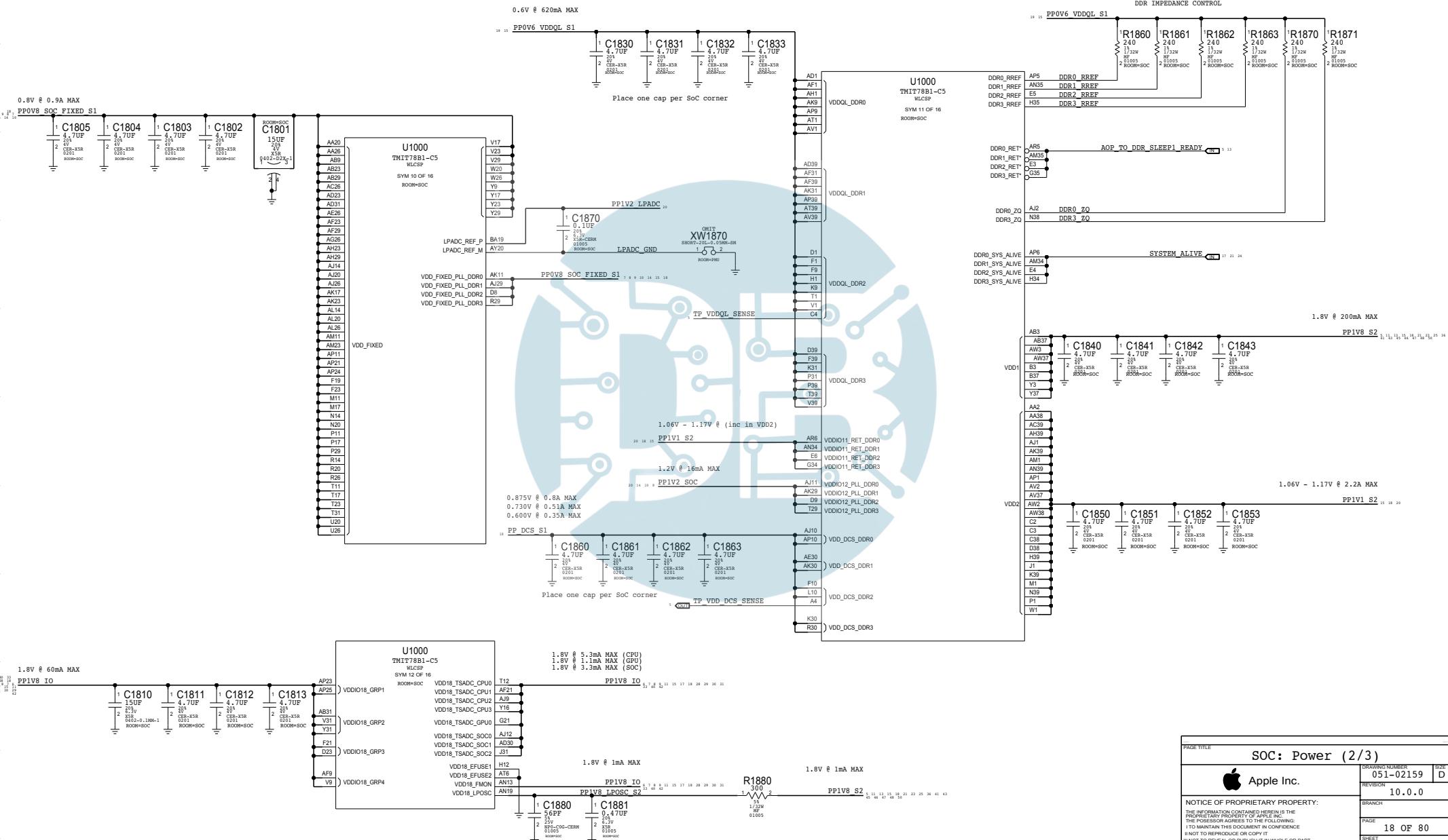


SOC - CPU, GPU & SOC RAILS

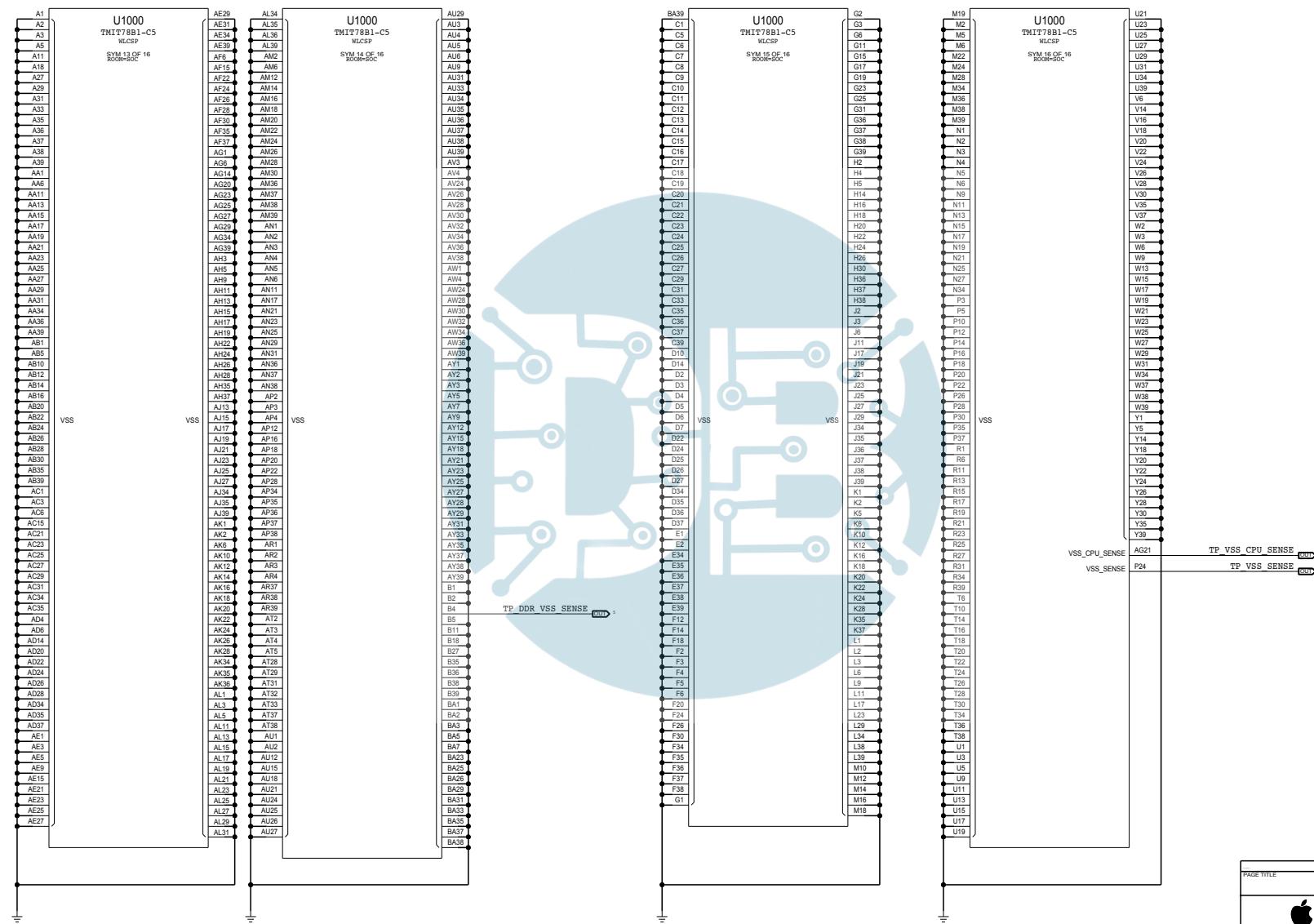
1.06V @ 11.0A MAX
0.8V @ 6A MAX
0.575V @ 2.7A MAX
PP CPU PCORE



SOC - POWER SUPPLIES



SOC - POWER SUPPLIES



339S00296
EAST-WEST METROCIRC
NORTH-SOUTH METROCIRC

METROCIRC

339S00297

NORTH-SOUTH METROCIRC

UPPER MLC

LOWER MLC

SIO1-S4

SIO5-S8

SIO9-S12

SIO13-S16

SIO17-S20

SIO21-S24

SIO25-S28

SIO29-S32

SIO33-S36

SIO37-S40

SIO41-S44

SIO45-S48

SIO49-S52

SIO53-S56

SIO57-S60

SIO61-S64

SIO65-S68

SIO69-S72

SIO73-S76

SIO77-S80

SIO81-S84

SIO85-S88

SIO89-S92

SIO93-S96

SIO97-S100

SIO101-S104

SIO105-S108

SIO109-S112

SIO113-S116

SIO117-S120

SIO121-S124

SIO125-S128

SIO129-S132

SIO133-S136

SIO137-S140

SIO141-S144

SIO145-S148

SIO149-S152

SIO153-S156

SIO157-S160

SIO161-S164

SIO165-S168

SIO169-S172

SIO173-S176

SIO177-S180

SIO181-S184

SIO185-S188

SIO189-S192

SIO193-S196

SIO197-S198

SIO199-S200

SIO201-S202

SIO203-S204

SIO205-S206

SIO207-S208

SIO209-S210

SIO211-S212

SIO213-S214

SIO215-S216

SIO217-S218

SIO219-S220

SIO221-S222

SIO223-S224

SIO225-S226

SIO227-S228

SIO229-S230

SIO231-S232

SIO233-S234

SIO235-S236

SIO237-S238

SIO239-S240

SIO241-S242

SIO243-S244

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SIO251-S252

SIO253-S254

SIO255-S256

SIO257-S258

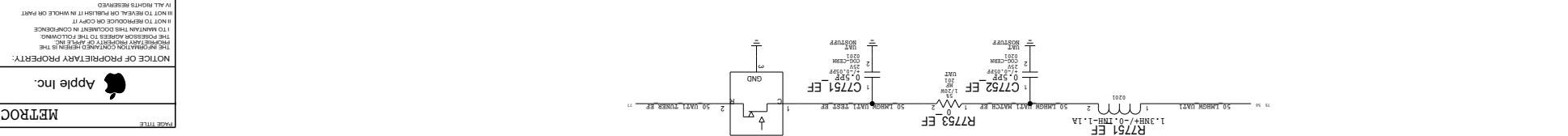
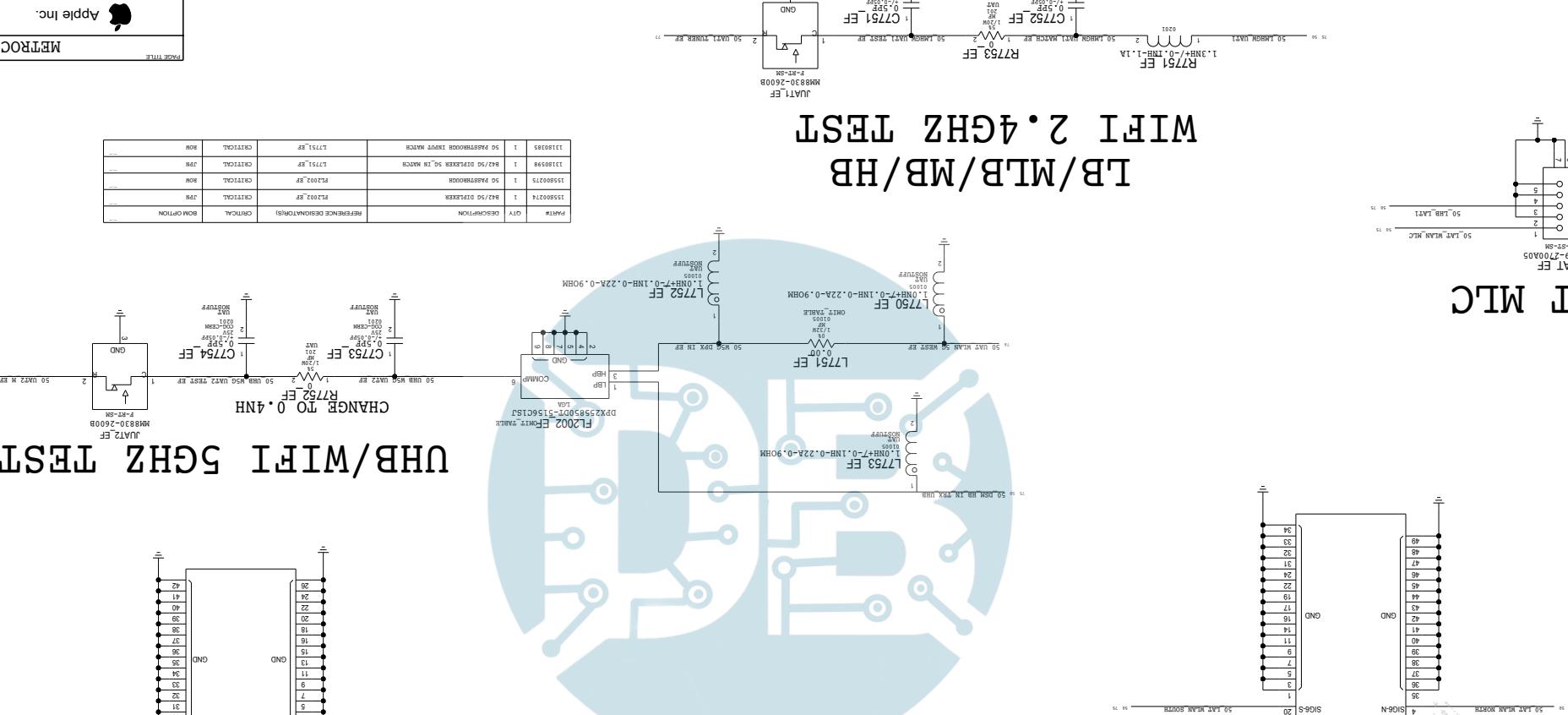
SIO259-S260

SIO261-S262

SIO263-S264

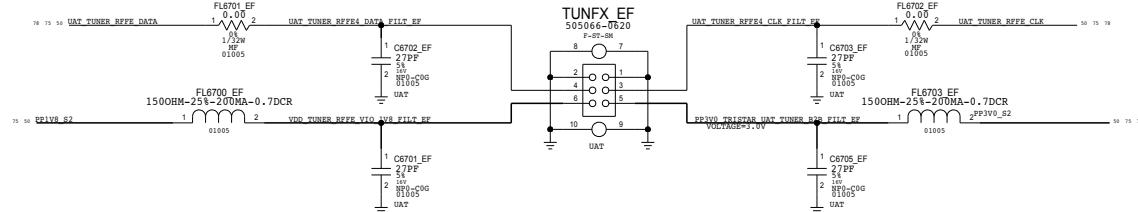
SIO265-S266

SIO267-S268



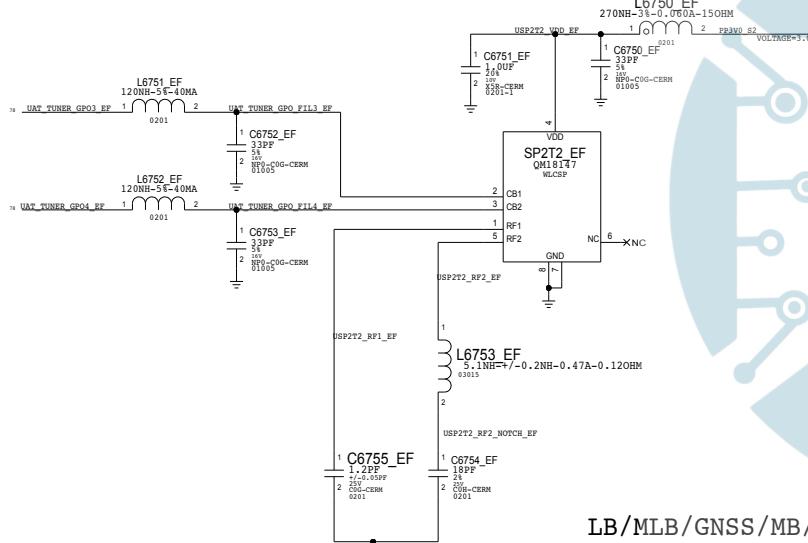
UAT TUNER FLEX

PLEASE CONTACT ANTENNA (MATT MOW)
FOR ANY COMPONENT CHANGE.

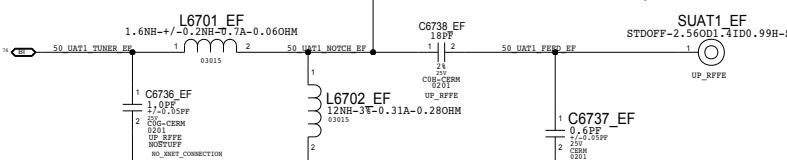


PINOUT IS ROTATED 180
COMPARED TO D20 & D201

UAT TUNER



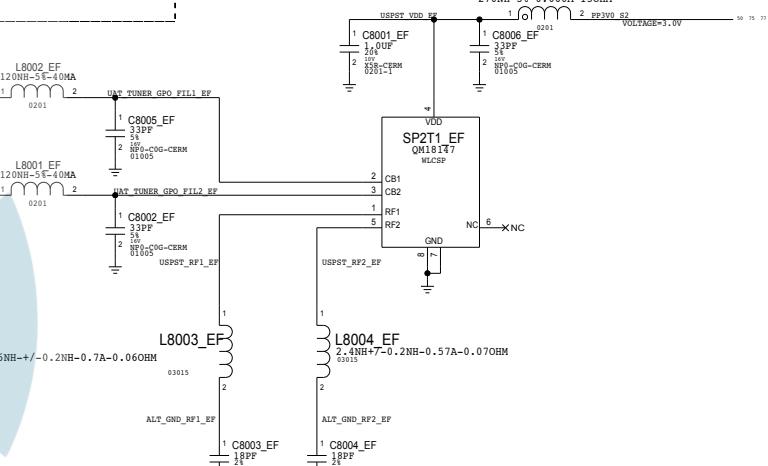
LB/MLB/GNSS/MB/HB STANDOFF



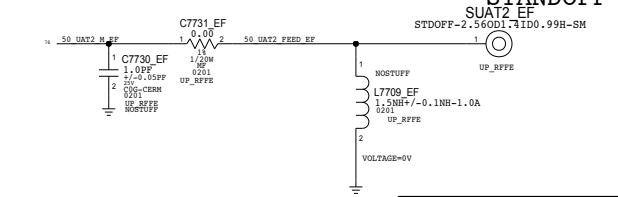
GROUND RING

PART#	QTY	DESCRIPTION	REFERENCE DESIGNATOR(S)	Critical	BOM OPTION
15282140	1	4.1NH 03015 W/N INDUCTOR	L8005_EF	Critical	JPN
15280749	1	3.6NH 03015 W/N INDUCTOR	L8005_EF	Critical	ROW

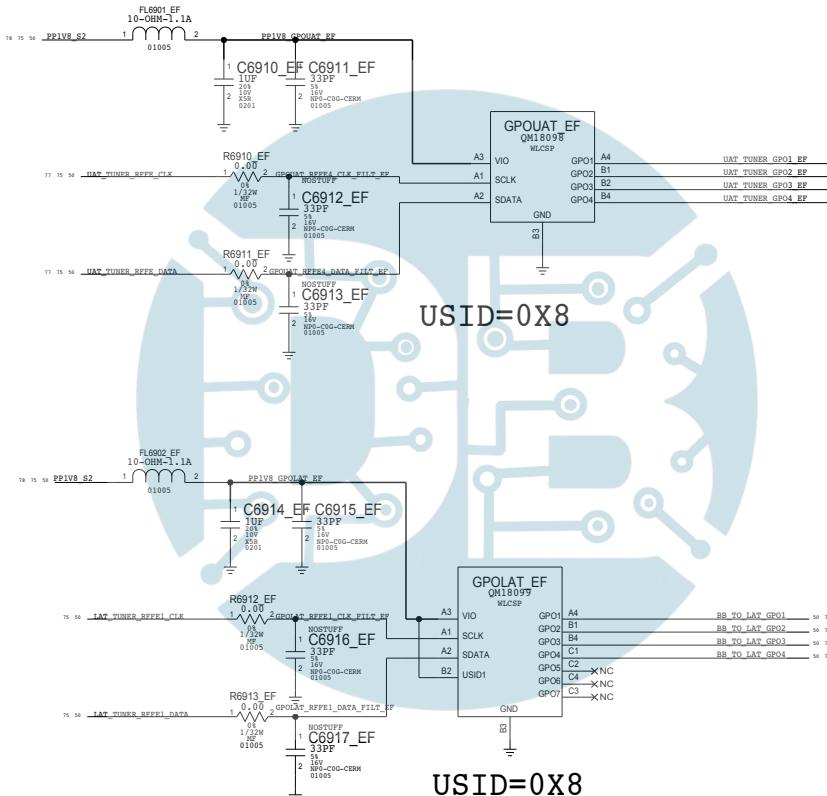
ALT UAT1 GND



5G WIFI STANDOFF



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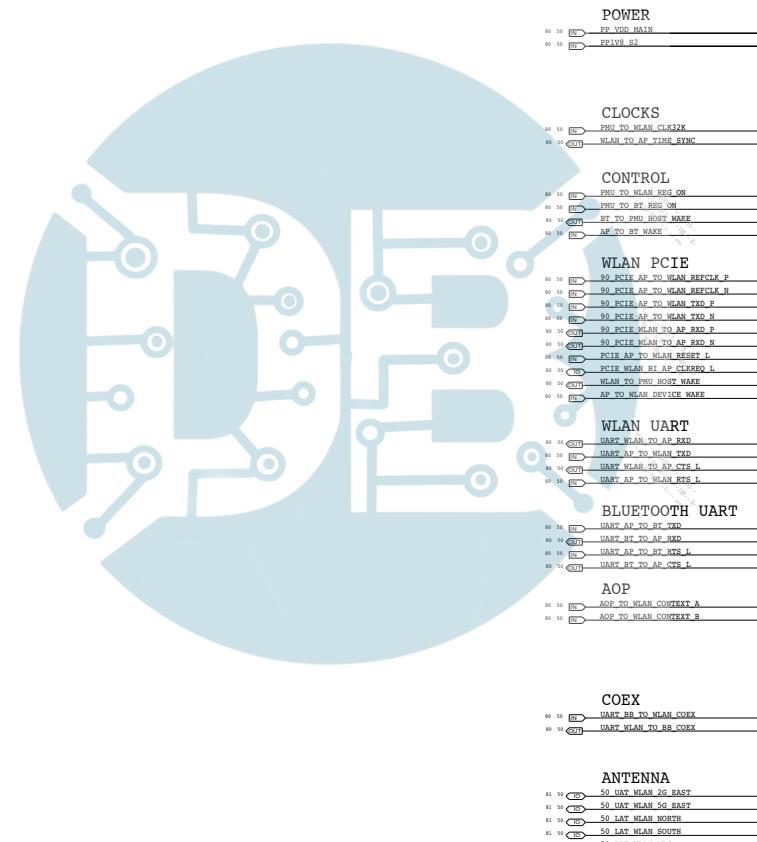


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D21X WIFI MLB (GUINNESS)

NOV 28, 2016

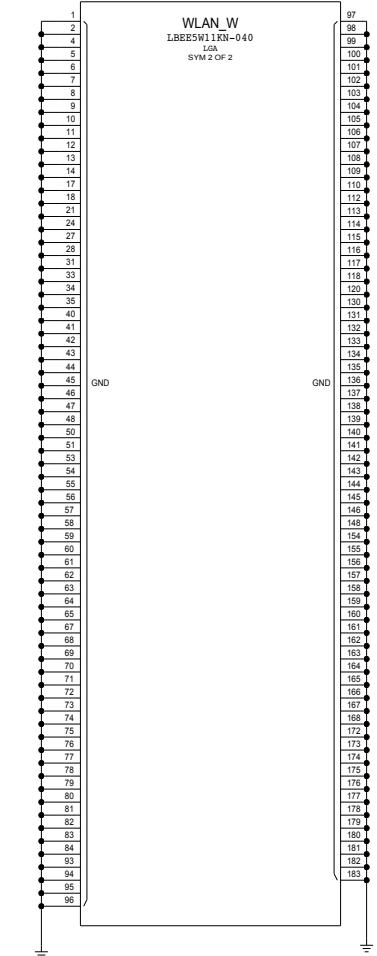
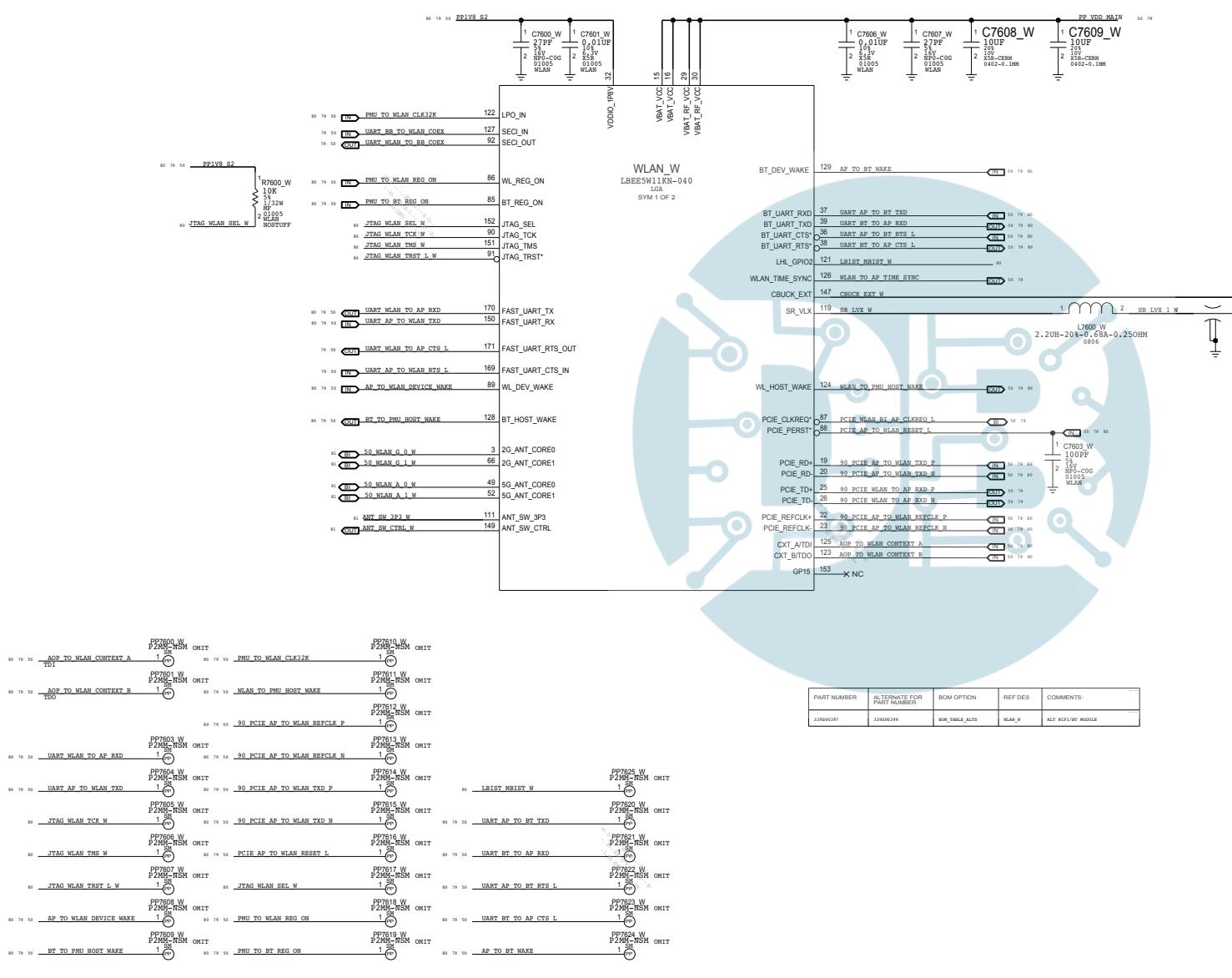
PDF PAGE	CSA PAGE	CONTENTS
2	76	GUINNESS
3	77	WIFI FRONT-END



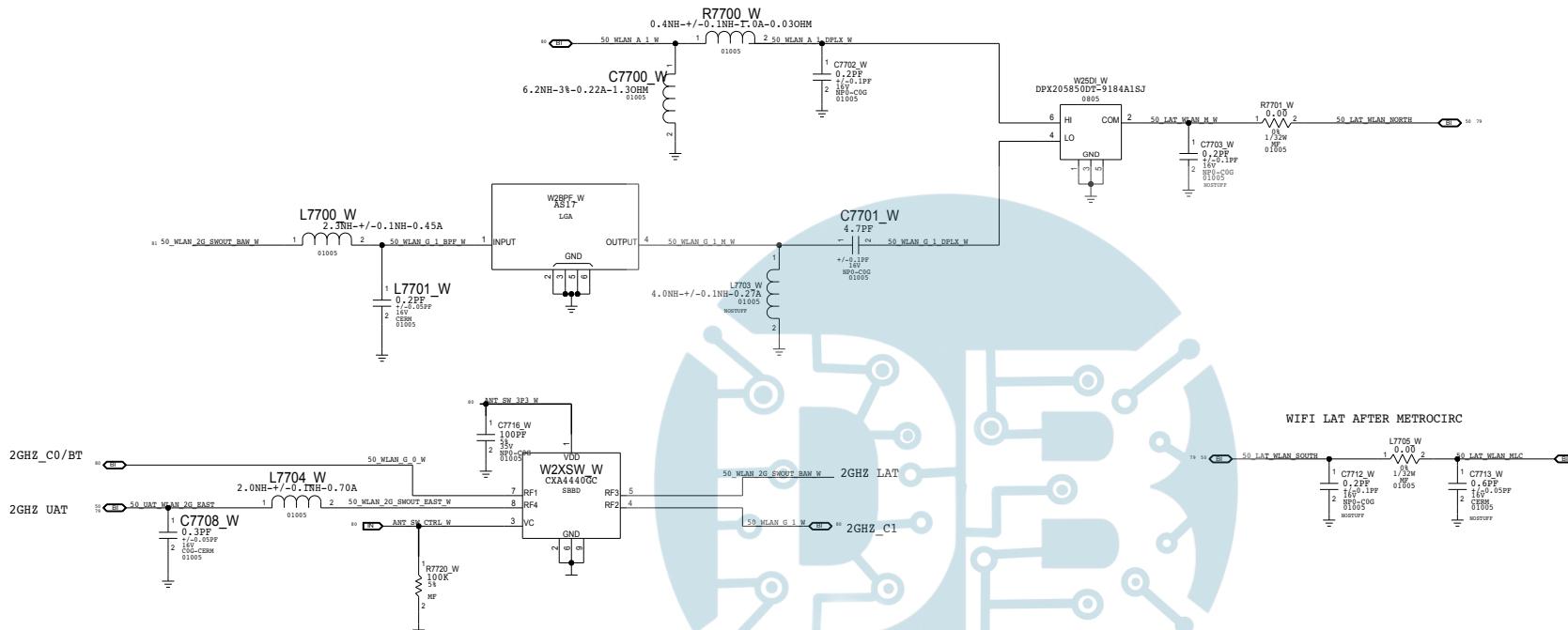
SymbolPorts

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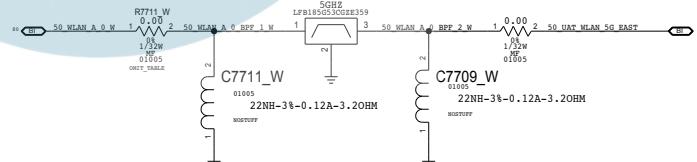
WIFI/BT



WIFI LOWER ANTENNA FEED



WIFI UPPER ANTENNA FEED



PART#	QTY	DESCRIPTION	REFERENCE DESIGNATOR(S)	CRITICAL	BOM OPTION
152800498	1	5G CORE8 BPF MATCH	R7711_W	CRITICAL	E211
11780161	1	5G CORE8 BPF MATCH	R7711_M	CRITICAL	JPN
11780161	1	5G CORE8 BPF MATCH	R7711_W	CRITICAL	ROW