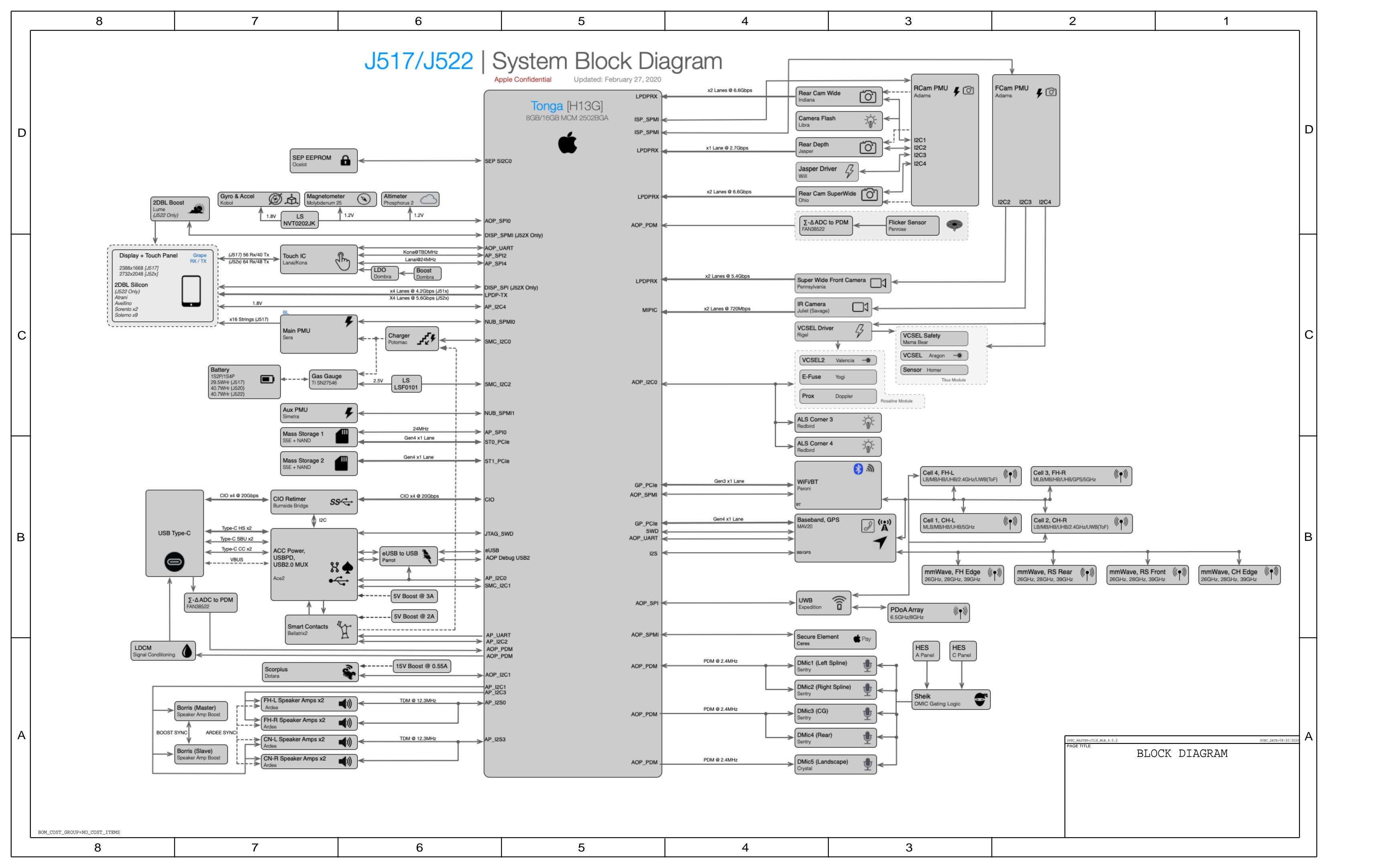
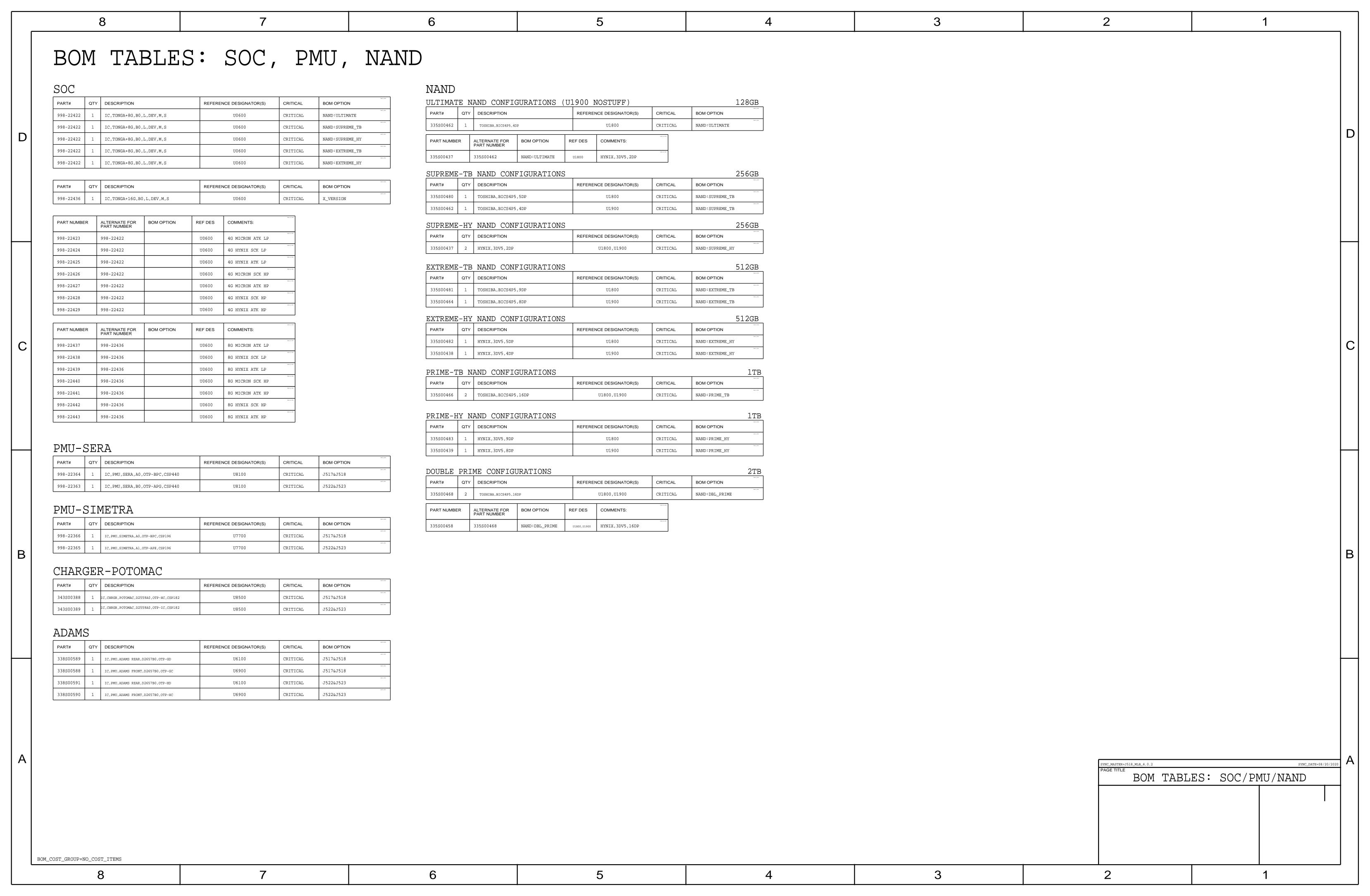
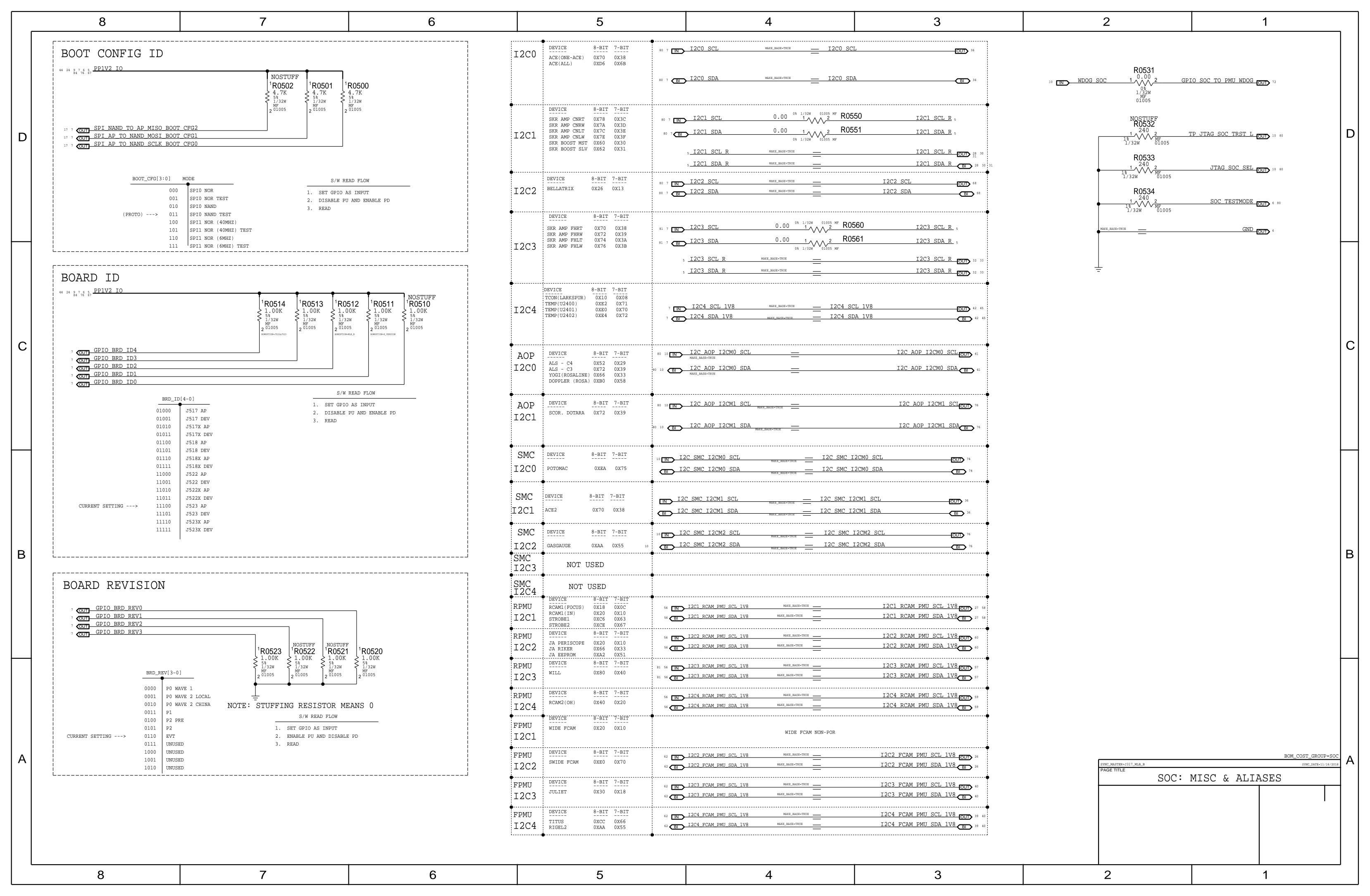
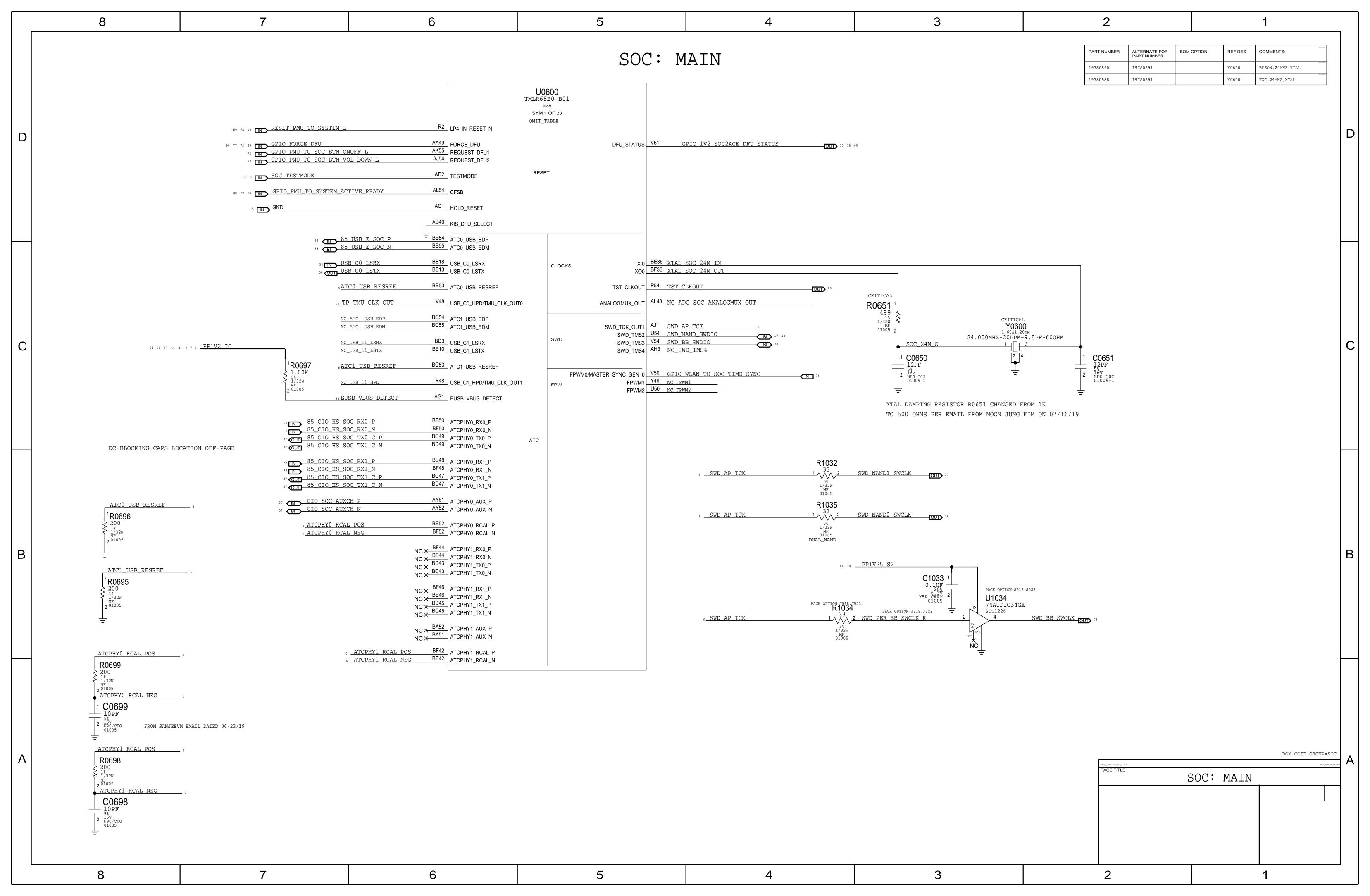
_	8	7	6	5	5 4		3	2		1	
	<ol> <li>ALL RESISTANCE VALUES ARE IN OHMS, 0.1 WATT +/- 5%.</li> <li>ALL CAPACITANCE VALUES ARE IN MICROFARADS.</li> <li>ALL CRYSTALS &amp; OSCILLATOR VALUES ARE IN HERTZ.</li> </ol>			J52	3 EVT: MLB-B			REV	ECN	DESCRIPTION OF REVISION	CK APPD DATE 2020-08-31
	LAST_MODIFICATION=Mon Aug 31 1	.6:04:42 2020		LAST MODIFICATION=Mon	n Aug 31 16:04:42 2020		LAST_MODIFICATION=Mon Aug 3	1 16:04:42 2020	ı		2020-00-31
	PAGE CSA CONTENTS	SYNC	DATE	PAGE CSA CONTENTS	SYNC	DATE	PAGE CSA CONTENTS		SYNC	DATE	
	1 1 TABLE OF CONTENTS			53 56 SENSOR: KOBOL VT	J518_MLB_4.0.2	08/20/2020	105 120 DCDC1		RADIO_MLE		_  _
D	2 2 BLOCK DIAGRAM	J518_MLB_4.0.2	08/20/2020	54 59 LDCM	J518_MLB_4.0.2	08/20/2020	106 121 LB PAD		RADIO_MLE		<del></del>
	3 3 BOM TABLES: SOC/PMU/NAND	J518_MLB_4.0.2	08/20/2020	55 60 CAMERA: ADAMS REAR PO		08/20/2020	107 122 HB PAD		RADIO_MLE		<del></del>
	4 4 BOM TABLES: MECH/DISC/ETC	J518_MLB_4.0.2	08/20/2020	56 61 CAMERA: ADAMS REAR IO		08/20/2020	108 123 UHB LAT PAD		RADIO_MLE		<del></del>
	5 5 SOC: MISC & ALIASES 6 6 SOC: MAIN	J317_MLB_B	11/16/2018 08/20/2020	57 62 CAMERA: JASPER POWER 58 65 CAMERA: B2B RCAM1 WII		08/20/2020	109 124 LMB_2G_PAD 110 125 LB DSM		RADIO_MLE		<del></del>
	7 7 SOC: I/OS	J518_MLB_4.0.2 J517_MLB_2.3.0	08/26/2020	59 66 CAMERA: B2B RCAM2 SW		08/20/2020	111 126 HB TXDSM		RADIO_MLE		<del></del>
	8 8 SOC: LPDP & MIPI	J518_MLB_4.0.2	08/20/2020	60 67 CAMERA: B2B JASPER	J518_MLB_4.0.2	08/20/2020	112 127 UHB DSM		RADIO_MLE		<del></del>
	9 9 SOC: PCIE	J518_MLB_4.0.2	08/20/2020	61 68 CAMERA: ADAMS FRONT		08/20/2020	113 128 MIMO DSM LOWER		RADIO_MLE		
	10 10 SOC: AOP	J518_MLB_4.0.2	08/20/2020	62 69 CAMERA: ADAMS REAR IO	O (2/2) J518_MLB_4.0.2	08/20/2020	114 129 MIMO DSM UPPER		RADIO_MLE	B_3.27.0 08/31/2020	
	11 11 SOC: POWER (DDR, SRAM)	J518_MLB_4.0.2	08/20/2020	63 74 NFC	J518_MLB_4.0.2	08/20/2020	115 130 COUPLER LOWER		RADIO_MLE	20/01/000	<del></del>
	12 12 SOC: POWER (IO)	J518_MLB_4.0.2	08/20/2020	64 76 GPM	J518_MLB_4.0.2	08/20/2020	116 131 COUPLER UPPER		RADIO_MLE	3_3.27.0 08/31/2020	_
	13 13 SOC: POWER (CPU, GPU)	J518_MLB_4.0.2	08/20/2020	65 77 POWER: SIMETRA (1/3)	J518_MLB_4.0.2	08/20/2020	117 132 GNSS_L1		RADIO_MLE	3_3.27.0 08/31/2020	<del>_</del>
	14 14 SOC: POWER (SRAM, SOC)	J518_MLB_4.0.2	08/20/2020	66 78 POWER: SIMETRA (2/3)	J518_MLB_4.0.2	08/20/2020	118 133 GNSS_L5		RADIO_MLE	3_3.27.0 08/31/2020	
	15 15 SOC: GND	J518_MLB_4.0.2	08/20/2020	67 79 POWER: SIMETRA (3/3)	J518_MLB_4.0.2	08/20/2020	119 134 LAA CONNECTIONS		RADIO_MLE	B_3.27.0 08/31/2020	<u> </u>
	16 16 SOC: GND-2	J518_MLB_4.0.2	08/20/2020	68 80 ORION CONNECTOR & PO	WER PATH J517_MLB_2.3.0	08/26/2020	120 135 FOREHEAD ANTENNA FEEDS_ANT	4A	RADIO_MLE	3_3.27.0 08/31/2020	
C	17 18 NAND	J518_MLB_4.0.2	08/20/2020	69 81 POWER: SERA (1/4)	J518_MLB_4.0.2	08/20/2020	121 136 FOREHEAD ANTENNA FEEDS_ANT	4B	RADIO_MLE	3_3.27.0 08/31/2020	
	18 19 NAND	J518_MLB_4.0.2	08/20/2020	70 82 POWER: SERA (2/4)	J518_MLB_4.0.2	08/20/2020	122 137 CHIN ANTENNA FEEDS_ANT2A		RADIO_MLE	3_3.27.0 08/31/2020	
	19 21 SENSOR: KOBOL, PHOS2, MOLY	J518_MLB_4.0.2	08/20/2020	71 83 POWER: SERA (3/4)	J518_MLB_4.0.2	08/20/2020	123 138 CHIN ANTENNA FEEDS_ANT2B		RADIO_MLE	3_3.27.0 08/31/2020	_
	20 22 TOUCH: LANAI MASTER	J518_MLB_4.0.2	08/20/2020	72 84 POWER: SERA (4/4)	J518_MLB_4.0.2	08/20/2020	124 139 ANT CONNECTORS		RADIO_MLE		<del></del>
	21 23 TOUCH: KONA SLAVE	J518_MLB_4.0.2	08/20/2020	73 85 POWER: CHARGER	J518_MLB_4.0.2	08/20/2020	125 140 METROCIRC		RADIO_MLE		<del></del>
	22 24 TOUCH: GRAPE CONN	J518_MLB_4.0.2	08/20/2020	74 86 POWER: VT LDO	J517_MLB_2.3.0	08/26/2020	126 141 ESIM		RADIO_MLE	3_3.27.0 08/31/2020	_
	23 25 TOUCH: SENSE & DRIVE ALIAS	J518_MLB_4.0.2	08/20/2020	75 87 POWER: BELLATRIX2 BOO	OSTS J518_MLB_4.0.2	08/20/2020	127 142 DEBUG & TEST POINTS		RADIO_MLE		<del></del>
	24 26 CAMERA: PENROSE ADC	J518_MLB_4.0.2	08/20/2020	76 89 POWER: BATTERY & ORIO	ON & SCORPIUS CONN J517_MLB_2.3.0	08/26/2020	128 143 SYNONYMS		RADIO_MLE		<del></del>
	25 27 CAMERA: B2B STROBE & MISC	J518_MLB_4.0.2	08/20/2020	77 90 SOC: DEBUG	J518_MLB_4.0.2	08/20/2020	129 144 MLB ADJUSTABLES		RADIO_MLE		<del></del>
	26 28 CAMERA: B2B FRONT 27 29 CAMERA: STROBE	J518_MLB_4.0.2	08/20/2020	78 91 ALIASES: BB/WLAN/BT 79 92 ALIASES: J517/J522 D3	J518_MLB_4.0.2	08/20/2020	130 145 MMW 131 146 MMW 1V9 LDO		RADIO_MLE	20/01/000	_
		J518_MLB_4.0.2				_			RADIO_MLE		—
	28 30 AUDIO: BORRIS BOOST  29 31 AUDIO: DMIC B2B & FILTERS	J518_MLB_4.0.2 J518_MLB_4.0.2	08/20/2020	80 93 TEST: TPS/MECH 81 94 TEST: TPS ADDITIONAL	J518_MLB_4.0.2	08/20/2020	132 147 MMW_MOZART_CONN 133 148 MMW_CHOPIN_CONN		RADIO_MLE		<del></del>
	30 32 AUDIO: SPEAKER AMPS (CNL)	J518_MLB_4.0.2	08/20/2020	82 95 TEST: EE TP/PP	J518_MLB_4.0.2	08/20/2020	134 149 PSIM FILTERS		RADIO_MLE		_
	31 33 AUDIO: SPEAKER AMPS (CNR)	J518_MLB_4.0.2	08/20/2020	83 98 TEST: DCR TABLE	J517_MLB_2.0.1	08/21/2020	135 150 UAT ANT SYSTEM		RADIO_MLE	20/01/000	
В	32 34 AUDIO: SPEAKER AMPS (FHL)	J518_MLB_4.0.2	08/20/2020	84 99 ALIASES: POWER	J517_MLB_2.3.0	08/26/2020	136 151 LAT ANT SYSTEM		RADIO_MLE		– IB
	33 35 AUDIO: SPEAKER AMPS (FHR)	J518_MLB_4.0.2	08/20/2020	85 100 BOM TABLES	RADIO_MLB_3.27.0	08/31/2020	137 152 J5xx_Only		RADIO_MLE	3_3.27.0 08/31/2020	_
	34 36 IO: ACE PERIPHERALS	J518_MLB_4.0.2	08/20/2020	86 101 CONSTRAINTS: Impedance	ce Tables RADIO_MLB_3.27.0	08/31/2020					
	35 37 IO: IOFLEX B2B & SIM B2B	J518_MLB_4.0.2	08/20/2020	87 102 CONSTRAINTS: RF Phys	ical RADIO_MLB_3.27.0	08/31/2020					
	36 38 IO: ACE USB-C CONTROLLER	J517_MLB_2.3.0	08/26/2020	88 103 CONSTRAINTS : RF Space	cing RADIO_MLB_3.27.0	08/31/2020					
	37 39 IO: USB-C HIGH SPEED	J518_MLB_4.0.2	08/20/2020	89 104 CONSTRAINTS: Power	RADIO_MLB_3.27.0	08/31/2020					
	38 40 IO: PARROT, LT, ACE/BSB FLASH	J518_MLB_4.0.2	08/20/2020	90 105 CONSTRAINTS: 90ohm	RADIO_MLB_3.27.0	08/31/2020					
	39 41 PEARL: RIGEL DRIVER	J518_MLB_4.0.2	08/20/2020	91 106 CONSTRAINTS: Misc	RADIO_MLB_3.27.0	08/31/2020					
	40 42 PEARL: B2B TITUS + JULIET	J518_MLB_4.0.2	08/20/2020	92 107 PMIC: BUCKs	RADIO_MLB_3.27.0	08/31/2020					
	41 43 PEARL: B2B ROSALINE + MISC	J517_MLB_2.3.0	08/26/2020	93 108 PMIC: LDOs	RADIO_MLB_3.27.0	08/31/2020		SCH A	AND BOARI	D P/N	
	42 45 DISPLAY: B2B CONN  43 46 DISPLAY: EDP SUPPORT	J518_MLB_4.0.2	08/20/2020	94 109 PMIC: CLOCKS & CONTRO 95 110 BB: POWER		08/31/2020	PART# QTY	DESCRIPTION	REFERENCE [	DESIGNATOR(S) CRITICAL B	OM OPTION
	43 46 DISPLAY: EDP SUPPORT  44 47 2DBL: LUME BOOST	J518_MLB_4.0.2	08/20/2020	95 110 BB: POWER 96 111 BB: GND	RADIO_MLB_3.27.0	08/31/2020		SCHEM,MLB-B,NY,J523		SCH1 CRITICAL	Maria, American
	45 48 2DBL: B2B CONN	J518_MLB_4.0.2 J518_MLB_4.0.2	08/20/2020	96 111 BB: GND 97 112 BB: GPIOS & QLINK	RADIO_MLB_3.27.0  RADIO_MLB_3.27.0	08/31/2020	820-02156 1	PCBF, MLB-B, NY, J523		PCB1 CRITICAL	
A	46 49 BOM Option	WIFI_MLB_0.44.0		98 113 XCVR POWER_1	RADIO_MLB_3.27.0  RADIO_MLB_3.27.0	08/31/2020					
^	47 50 PERONI	WIFI_MLB_0.44.0	08/27/2020	99 114 XCVR POWER_2	RADIO_MLB_3.27.0	08/31/2020		SYNC_MASTE  DRAWING TI	ITLE		SYNC_DATE=07/17/2017
	48 51 J523 5G rFEM (UAT)	WIFI_MLB_0.44.0	08/27/2020	100 115 XCVR DIGITAL & GND	RADIO_MLB_3.27.0	08/31/2020	PACKAGING OPTIONS			SCHEM, MLB-B, NY, J523	
	49 52 J523 5G rFEM (LAT)	WIFI_MLB_0.44.0	08/27/2020	101 116 XCVR RF	RADIO_MLB_3.27.0	08/31/2020	PACK_OPTIONS TO INCLUDE IN NETLIST  J523				
	50 53 2G4 rFEM (UAT)	WIFI_MLB_0.44.0	08/27/2020	102 117 QET_DISCRETE_0	RADIO_MLB_3.27.0	08/31/2020	0323				
	51 54 2G4 rFEM (LAT)	WIFI_MLB_0.44.0	08/27/2020	103 118 QET_DISCRETE_1	RADIO_MLB_3.27.0	08/31/2020					
	52 55 J523 Front End	WIFI_MLB_0.44.0		104 119 DCDC2	RADIO_MLB_3.27.0						
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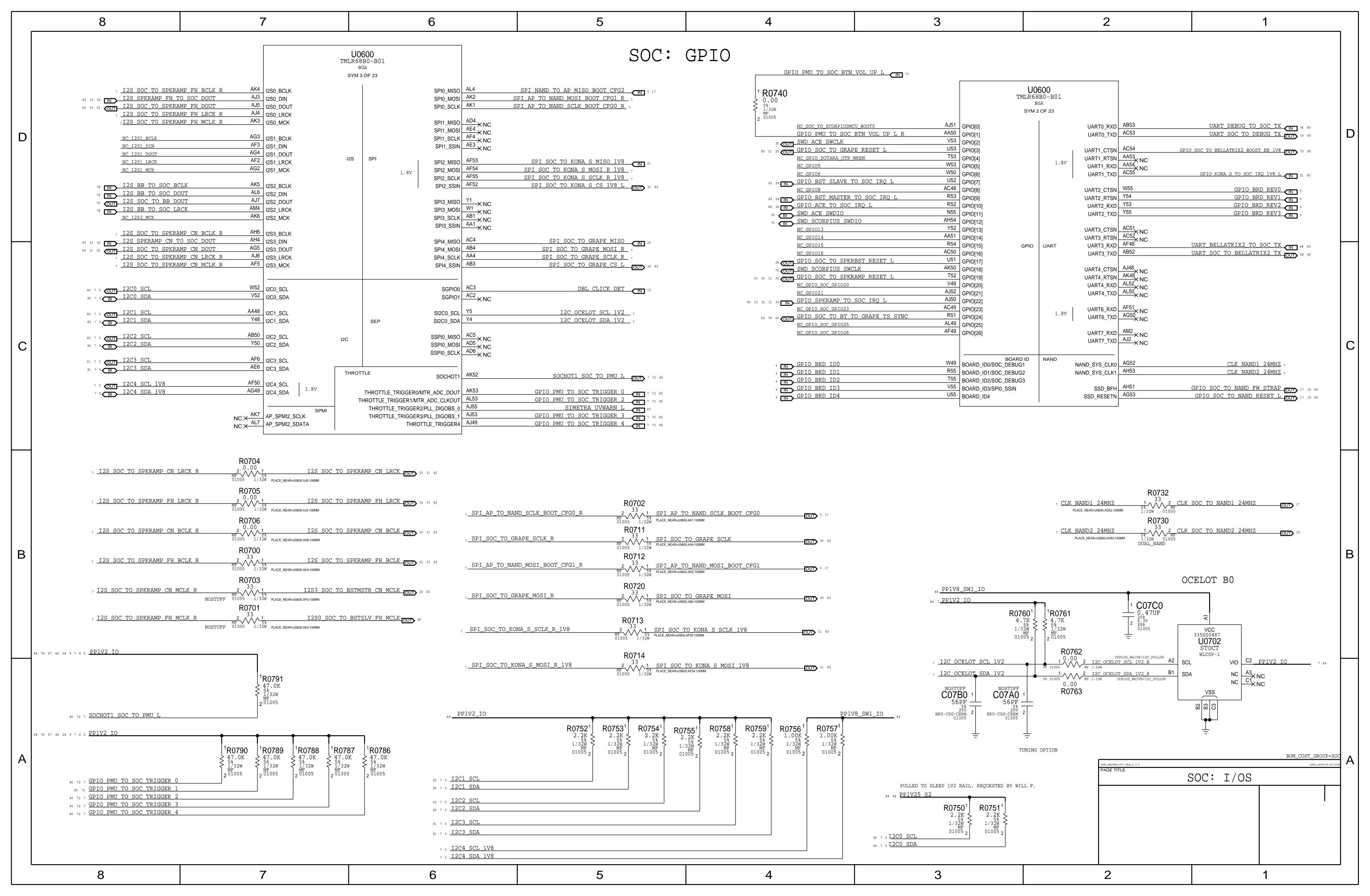


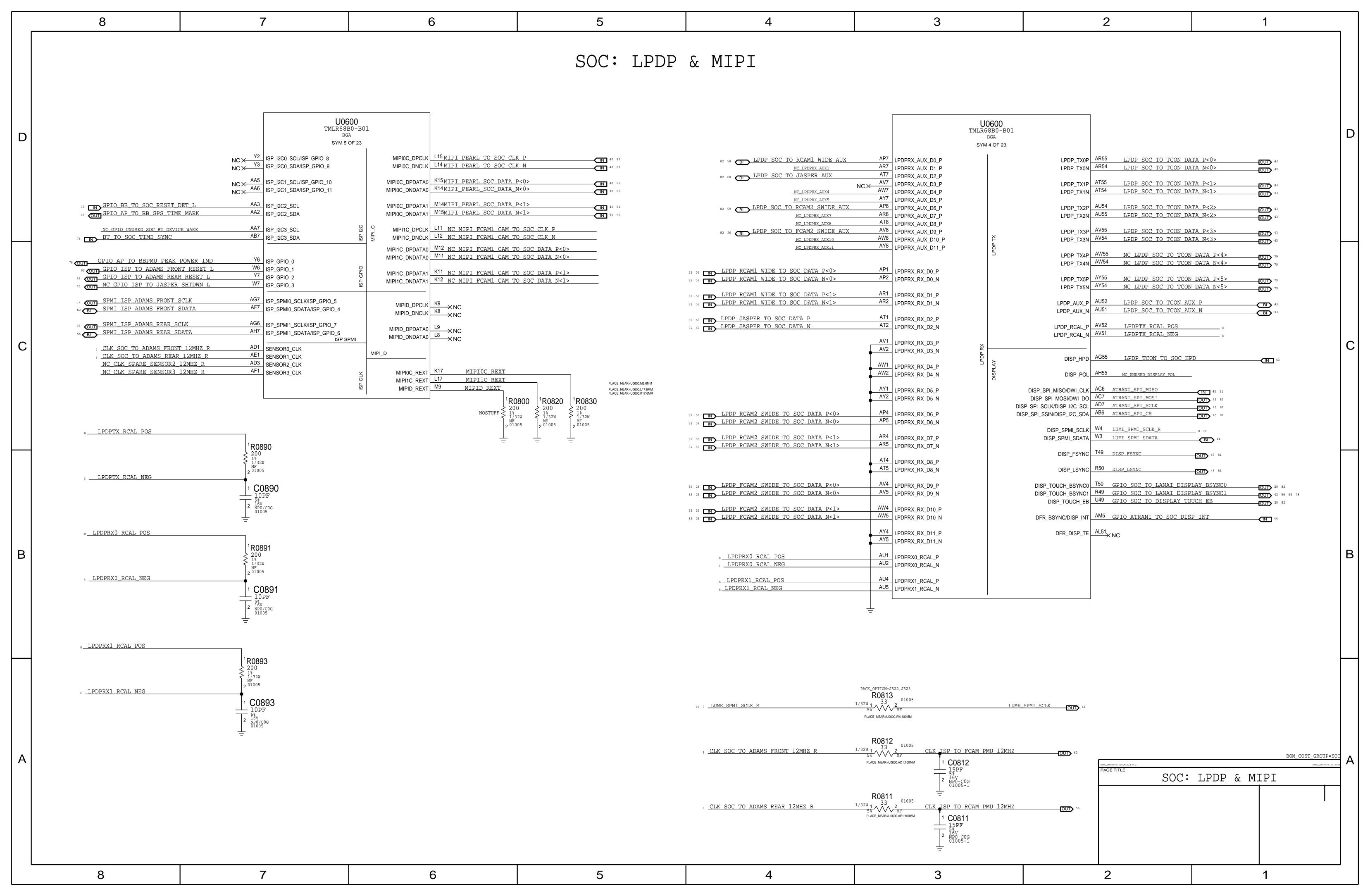


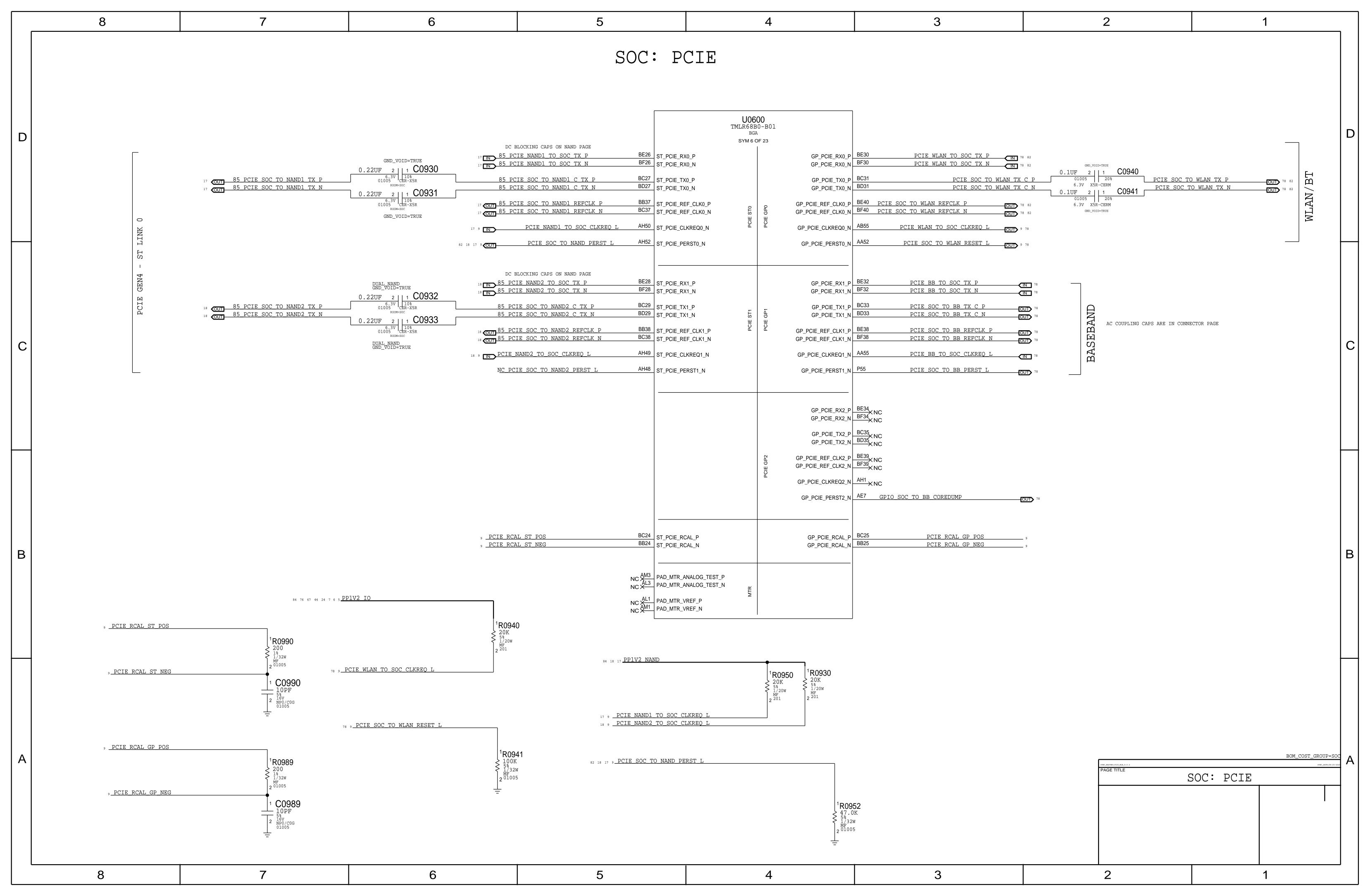
	8	7	6		5	4			3	2		1	
	BOM TABLES	S: MECHANICA	L, BAR	CODES,	DISCRETES	, ETC.							
			CAPS					INDUCTORS					
	CKPLUS WAIVE TABLE  CKPLUS RULE EXCEPTIONS	REQUIRED	PART	NUMBER ALTERNATE PART NUME	FOR REFERENCE DESIGNATOR(S)	DESCRIPTION	BOM OPTION	PART NUMBER	ALTERNATE FOR PART NUMBER	REFERENCE DESIGNATOR(S)	DESCRIPTION	BOM OPTION	
	SCHEMATIC DEFINED CONSTRAINTS (YES/NO)	NO	138	3800143 1388001		22UF 4V KYOCERA		152S00963	152S00885	L77A0,L8490	0.47UH TAIYO YUDEN		
				38500163 1385001		22UF 4V TAIYO YUDEN		152S00964	152S00888	L7741,ETC	0.15UH TAIYO YUDEN		
	MECHANICAL PARTS  TODO: ADD MECHANICAL PARTS TABLE FOR E	F.VT		2S00211 132S000 2S00212 132S000		270PF 16V KYOCERA  270PF 16V TAIYO YUDEN		152S01003 152S01090	152S00888 152S01085	L7741,ETC L3900	0.15UH SUNLORD 0.68UH 2016 CHIS.		
			132	2S00233 132S000	14 C1144,ETC	0.22UF 6.3V		132501050	132331003	23700	orden zere enzer		
	BARCODE LABEL/EEEE CODES		Talk, (Max	2800304 1328000	· · · · · · · · · · · · · · · · · · ·	0.22UF 6.3V		FERRITE BEA	ADS				
	PART# QTY DESCRIPTION  825-7691 1 EEEE 639-11797 (ULTIMATE,NY,US,J523)	REFERENCE DESIGNATOR(S)  CRITICAL  BOM OPTION  EEEE_Q2GK  CRITICAL  EEEE:.J523_US_UL	Table 4,470a	3S00148 138S001 3S00150 138S001		15UF 4V KYOCERA 15UF 4V SAMSUNG		PART NUMBER	ALTERNATE FOR PART NUMBER	REFERENCE DESIGNATOR(S)	DESCRIPTION	BOM OPTION	
	825-7691 1 EEEE 639-10618 (SUPREME-TB,NY,US,J523)	EEEE_PHW3 CRITICAL EEEE:J523_US_SU	Total 6,070e	3800151 1388001		15UF 4V TAIYO YUDEN		155S00593	155S0755	FL2771,ETC	0.9 DCR TAIYO YUDEN		
	825-7691 1 EEEE 639-11796 (SUPREME-HY,NY,US,J523)	EEEE_Q2GJ CRITICAL EEEE:J523_US_SU	REME_HY 13	880614 1388073	32 C2218,ETC	1UF 10V 0402		155S0664	155800018	FL2748,ETC	0.18 DCR MURATA		
	825-7691 1 EEEE 639-11798 (EXTREME-TB,NY,US,J523)	EEEE_Q2GL CRITICAL EEEE:J523_US_EX	Total, 5,1956	2800088 1328063		0.47UF 25V TAIYO YUNDEN		155S00097	155800018	FL2748,ETC	0.17 DCR TDK		-
	825-7691 1 EEEE 639-11799 (EXTREME-HY,NY,US,J523) 825-7691 1 EEEE 639-11800 (PRIME-TB,NY,US,J523)	EEEE_Q2GM CRITICAL EEEE:J523_US_EX  EEEE_Q2GN CRITICAL EEEE:J523_US_PR.	1664,4704	8S0706 138S073 8S0945 138S073		1UF 10V 0201 MURATA 1UF 10V 0201 KYOCERA		155S0660 155S00194	155S0513 155S00400	FL2761,ETC FL2602,ETC	0.04 DCR MURATA  0.69 DCR 01005 TDK		
	825-7691 1 EEEE 639-11801 (PRIME-HY,NY,US,J523)	EEEE_Q2GP CRITICAL EEEE:J523_US_PR	Total 6,070e	.s00299 131s001		180PF 50V TAIYO YUDEN		155800616	15580686	FL2102,ETC	0.7 DCR 01005 TDK		
	825-7691 1 EEEE 639-11802 (DOUBLE-PRIME,NY,US,J523)	EEEE_Q2GQ CRITICAL EEEE:J523_US_DB:		1285000	67 C77DF, ETC	150UF 6.3V TOKIN		155S00414	155S0876	FL1800,ETC	0.05 DCR 01005 TDK		
				1285000		150UF 6.3V ROHM							
	PART# QTY DESCRIPTION	REFERENCE DESIGNATOR(S) CRITICAL BOM OPTIO	ı   <u></u>	3800215 138S106 .S00172 131S001		4.7UF 16V TAIYO YUDEN 220PF 16V KYOCERA		MOSFETS	T	1			
	825-7691 1 EEEE 639-12984 (ULTIMATE,NY,ROW,J524)	EEEE_Q8YH CRITICAL EEEE:J524_ROW_U	TIMATE	.s00173 131s001		220PF 16V TAIYO YUDEN		PART NUMBER	ALTERNATE FOR PART NUMBER	REFERENCE DESIGNATOR(S)	DESCRIPTION	BOM OPTION	
	825-7691 1 EEEE 639-12983 (SUPREME-TB, NY, ROW, J524)	EEEE_Q8YG CRITICAL EEEE:J524_ROW_SI	PREME_TB 133	.S00142 131S000		150PF 50V 0201		376S00319	376S00104	Q2201	DIODES		
	825-7691 1 EEEE 639-12811 (SUPREME-HY,NY,ROW,J524) 825-7691 1 EEEE 639-12985 (EXTREME-TB,NY,ROW,J524)	EEEE_Q4NL CRITICAL EEEE:J524_ROW_SI  EEEE_Q8YJ CRITICAL EEEE:J524_ROW_EE	13	180730 1318083		15PF 50V 0201		376S00182 376S00071	376S00126 376S00126	Q8580 Q8580	DIODES		
	825-7691 1 EEEE 639-12986 (EXTREME-HY,NY,ROW,J524)	EEEE_Q8YK CRITICAL EEEE:J524_ROW_E:	TREME_HY 138	38500139 1385001		4UF 4V MURATA		376S00314	376S00125	Q8051	DIODES		
	825-7691 1 EEEE 639-12987 (PRIME-TB,NY,ROW,J524)	EEEE_Q8YL CRITICAL EEEE:J524_ROW_PI	IME_TB	3S00164 138S001 3S00084 138S000		4UF 4V TAIYO YUDEN 47UF 6.3V TAIYO YUNDEN		376S00182	376S00070	Q8581	DIODES		
	825-7691 1 EEEE 639-12988 (PRIME-HY,NY,ROW,J524)	EEEE_Q8YM CRITICAL EEEE:J524_ROW_PI	IME_HY	.s00313 131s082		330PF 25V TAIYO YUNDEN		376S00190	376S00119	Q8000	DIODES		
	825-7691 1 EEEE 639-12989 (DOUBLE-PRIME, NY, ROW, J524)	EEEE_Q8YN CRITICAL EEEE:J524_ROW_DI	L_PRIME 132	2800175 1328002	02 C4000,ETC	0.22UF KYOCERA ONLY		376S1245	376S1102	Q6260,ETC	DIODES		
			Table Ayelab	2S00154 132S068	83 C6352,ETC	0.1UF 01005 TAIYO		DIODEG					
	PART# QTY DESCRIPTION	REFERENCE DESIGNATOR(S) CRITICAL BOM OPTIC	104,5,004	880641 1388070		2.2UF 10V 0402 TAIYO		DIODES	ALTERNATE FOR				
	825-7691 1 EEEE 639-14784 (ULTIMATE,NY,CH,J524) 825-7691 1 EEEE 639-14783 (SUPREME-TB,NY,CH,J524)	EEEE_07P7 CRITICAL EEEE:J524_CH_U  EEEE_07P6 CRITICAL EEEE:J524_CH_S	1944,5/84	2S0316 132S001 .S00164 131S001		.1UF 6.3V 01005 TAIYO 220PF 16V 01005 MURATA		PART NUMBER	ALTERNATE FOR PART NUMBER	REFERENCE DESIGNATOR(S)	DESCRIPTION	BOM OPTION	
	825-7691 1 EEEE 639-14782 (SUPREME-HY,NY,CH,J524)	EEEE_07P5 CRITICAL EEEE:J524_CH_S	1944,4794	.800173 1318001		220PF 16V 01005 MORATA  220PF 16V 01005 TAIYO		371s00133 371s0685	371S00046 371S00176	D8710 DZ8051	DIODES		
	825-7691 1 EEEE 639-14785 (EXTREME-TB,NY,CH,J524)	EEEE_07P8 CRITICAL EEEE:J524_CH_E	Talled, A, (The	3800048 1388000		15UF 6.3V 0402 KYOCERA		37780155	377S0184	DZ4014,ETC	ONSEMI		
	825-7691 1 EEEE 639-14786 (EXTREME-HY,NY,CH,J524)	EEEE_07P9 CRITICAL EEEE:j524_CH_E	TREME_HY 13	8S0888 138S000	03 C6000,ETC.	15UF 6.3V 0402 TAIYO		371S00190	371S00085	D3800	DIODES		
	825-7691 1 EEEE 639-14787 (PRIME-TB,NY,CH,J524)	EEEE_07PC CRITICAL EEEE:J524_CH_P	1044,000	880711 1388000		10UF 6.3V 0402 TAIYO		NTCS					
	825-7691 1 EEEE 639-14788 (PRIME-HY,NY,CH,J524) 825-7691 1 EEEE 639-14789 (DOUBLE-PRIME,NY,CH,J524)	EEEE_07PD CRITICAL EEEE:J524_CH_P  EEEE_07PF CRITICAL EEEE:J524_CH_D	1984.4,784	3S00093 128S000 3S00103 128S000		33UF 16V TOKIN 33UF16V SAMSUNG			ALTERNATE FOR	DEFENSE DESIGNATOR(S)	DESCRIPTION	DOM ODTION	
		<u> </u>		2S00200 132S001		0.1UF 10V 01005 TAIYO		PART NUMBER	ALTERNATE FOR PART NUMBER	REFERENCE DESIGNATOR(S)	DESCRIPTION	BOM OPTION	
3			132	2800204 1328001	99 C77E2,ETC.	0.1UF 10V 01005 KYO.		107S00298	107S0208	R8422 ETC.	TDK 10K NTC		
			132	2800064 1328040	09 C3207,ETC.	0.1UF 16V 0201 MUR.		LEVEL TRANS	SLATOR				
				2800262 1328066		0.047UF 25V 0201 KYO.		PART NUMBER	ALTERNATE FOR PART NUMBER	REFERENCE DESIGNATOR(S)	DESCRIPTION	BOM OPTION	
				2S00263 132S066 3S00117 138S000		0.047UF 25V 0201 YAG. 4UF 6.3V KYOCERA		311S00212	311S00230	U2370,U4030	TI SINGLE UNI. LT		
				38300117 1383000 3800116 1388000		4UF 6.3V TAIYO	+						
			138	1385001	33 C3801,ETC	.47UF 6.3V 01005 KYO.							
				1385001		.47UF 6.3V 01005 TY							
_				38500164 1385001		4UF 4V 0201 TY							-
				3S00140 138S001 3S00211 138S002		3.9UF 6.3V 0201 KYO. 6.8UF 6.3V 0402 MUR.	+						
				3S000211 130S002 3S00049 138S083		2.2UF 6.3V 0201 KYO.	+						
			138	3800056 1388110	00 C1310,ETC	10UF 4V 3-TERM TY.							
				1385000		25UF 6.3V 0402 TY.							
				1385001		20UF 10V 0402 KYO.							
			138	3800221 1388001	46 C4197,ETC	18UF 6.3V 0402 KYO.							
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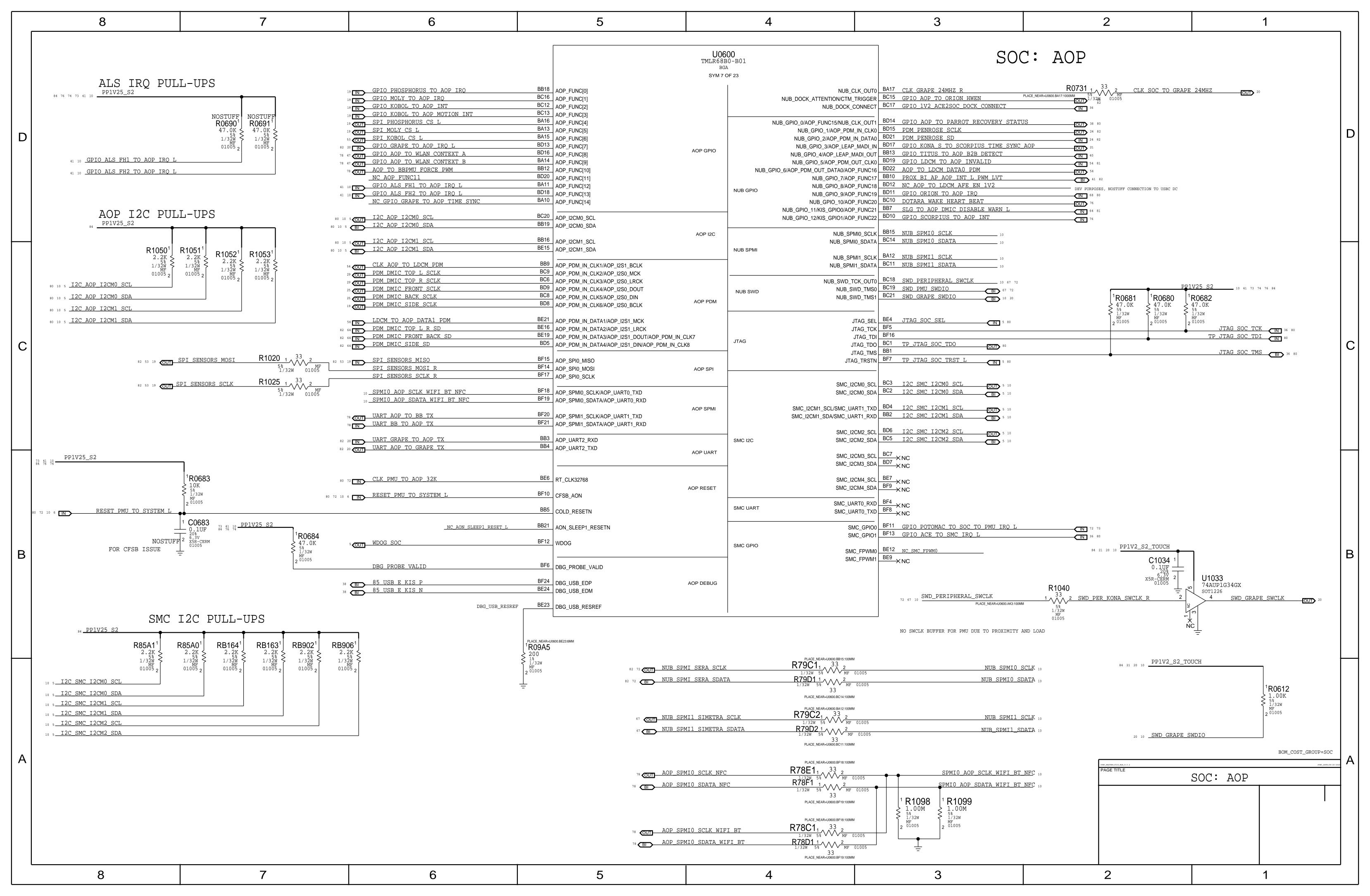


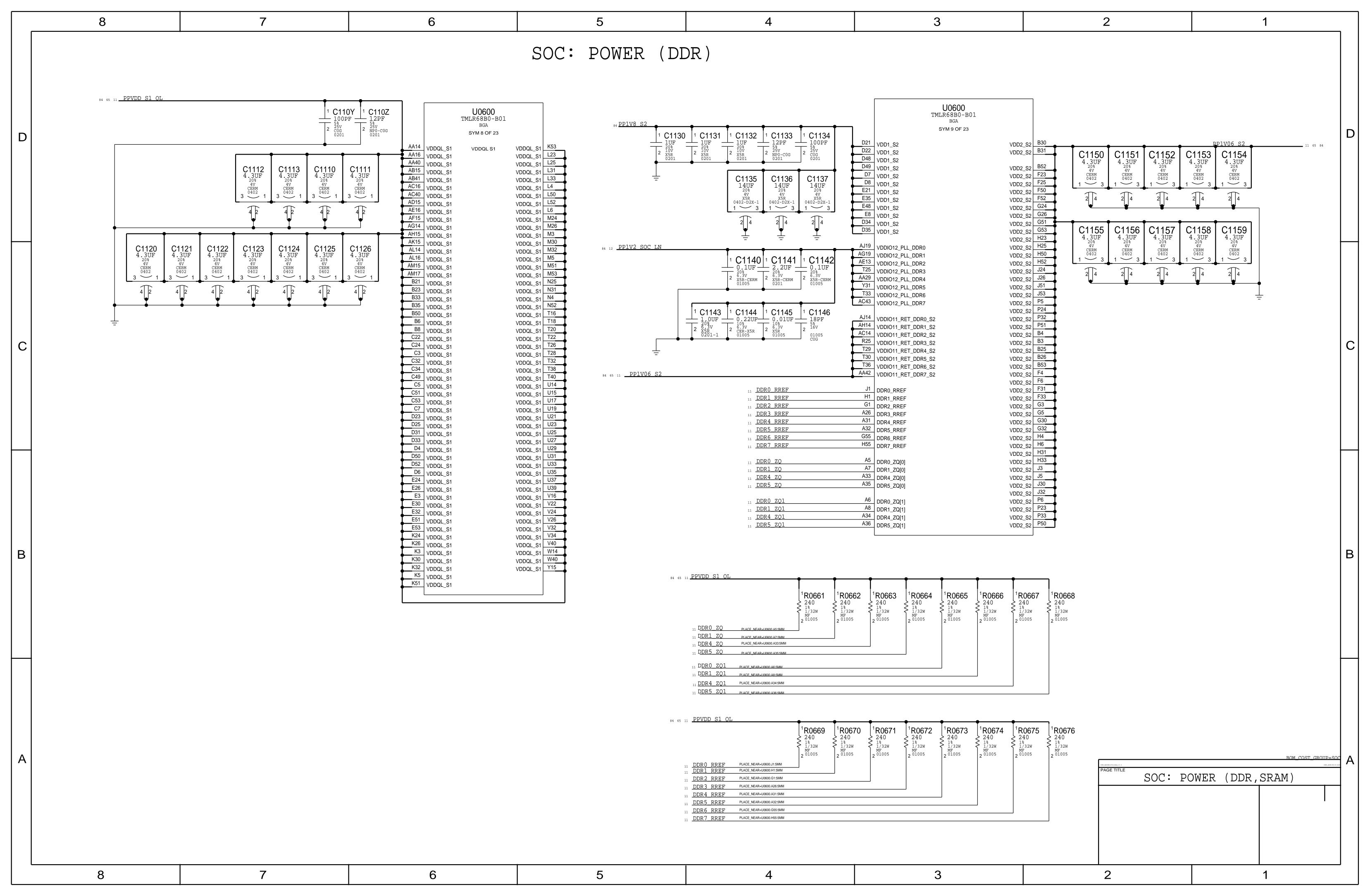


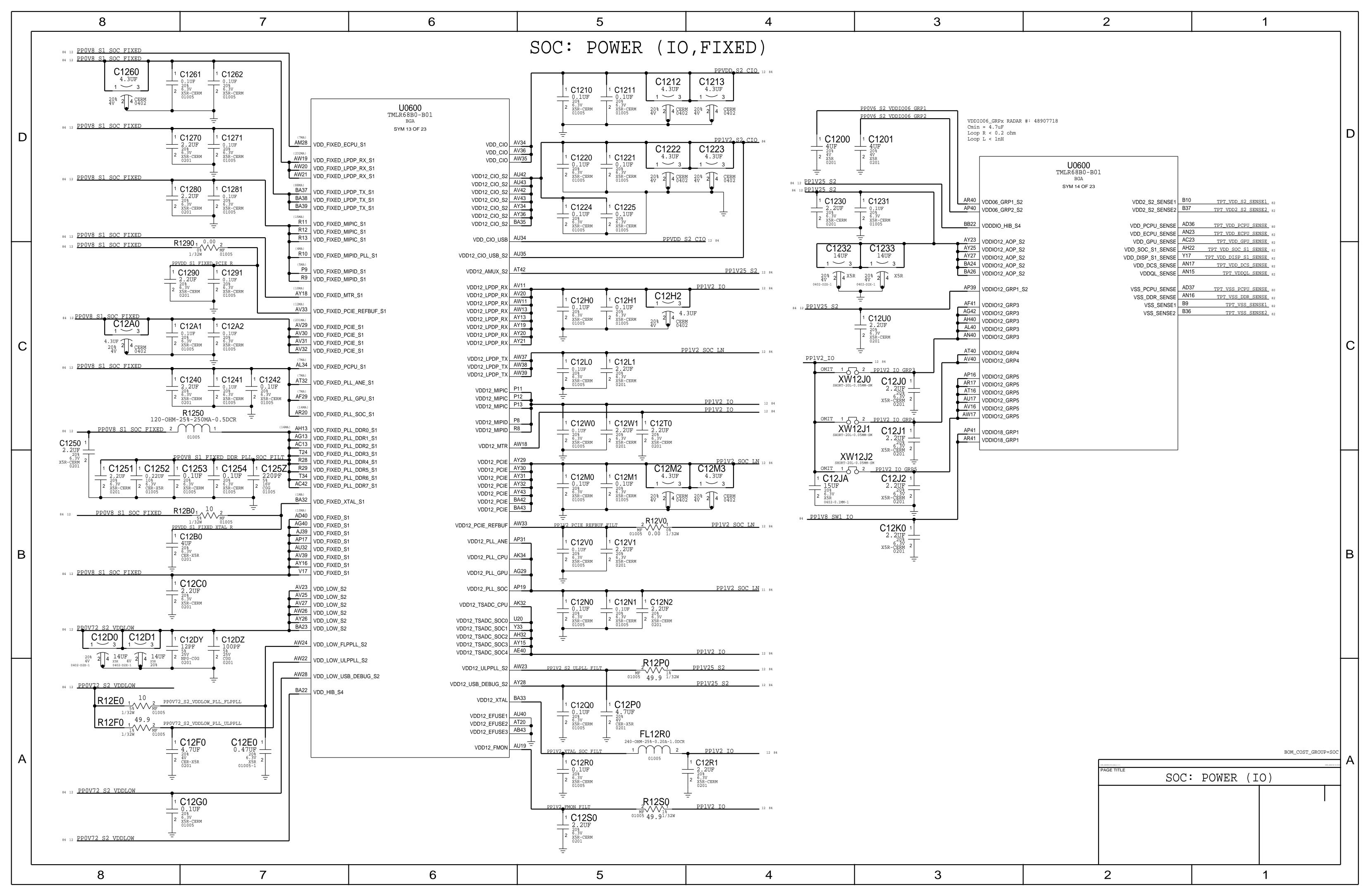


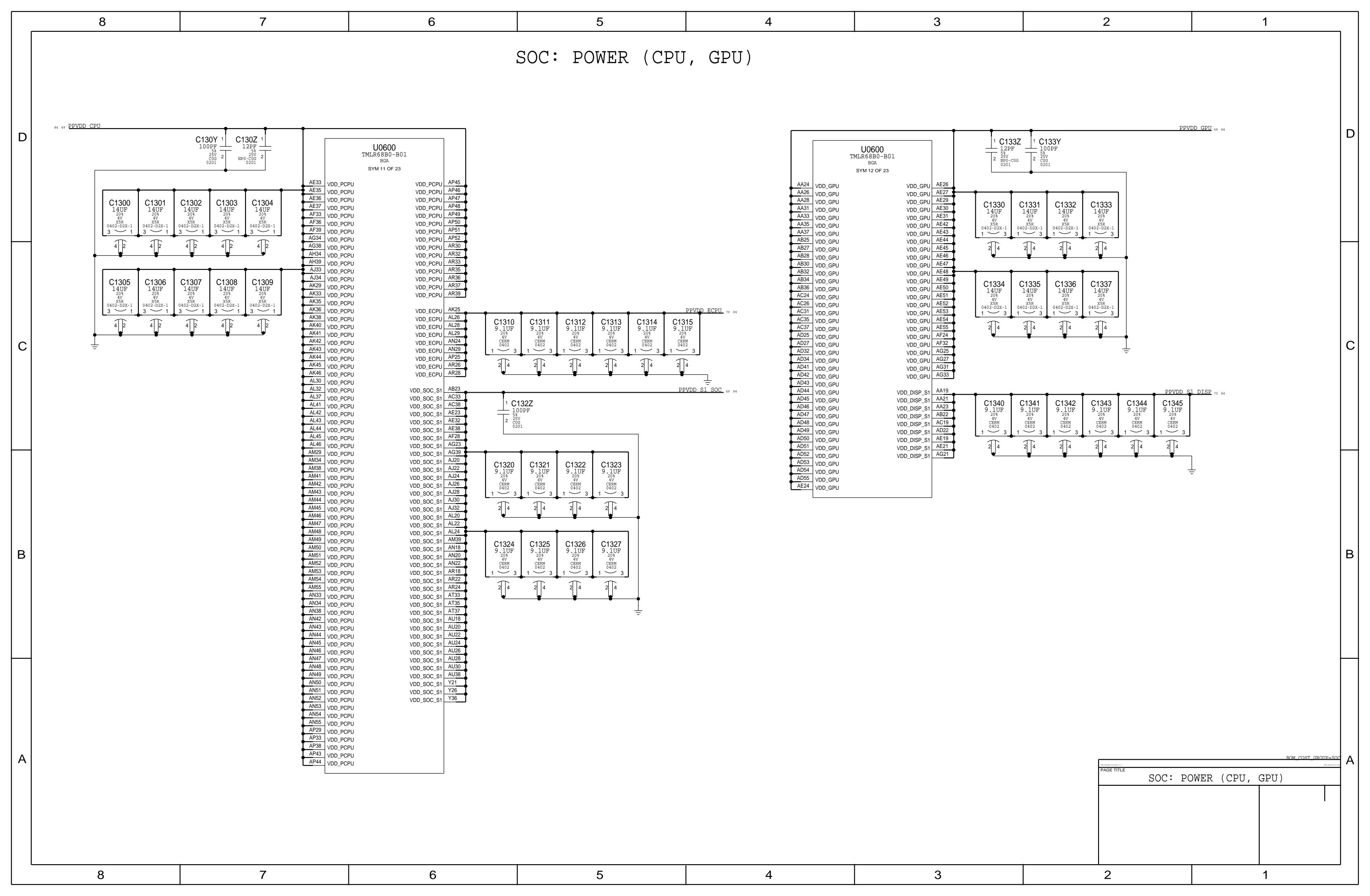


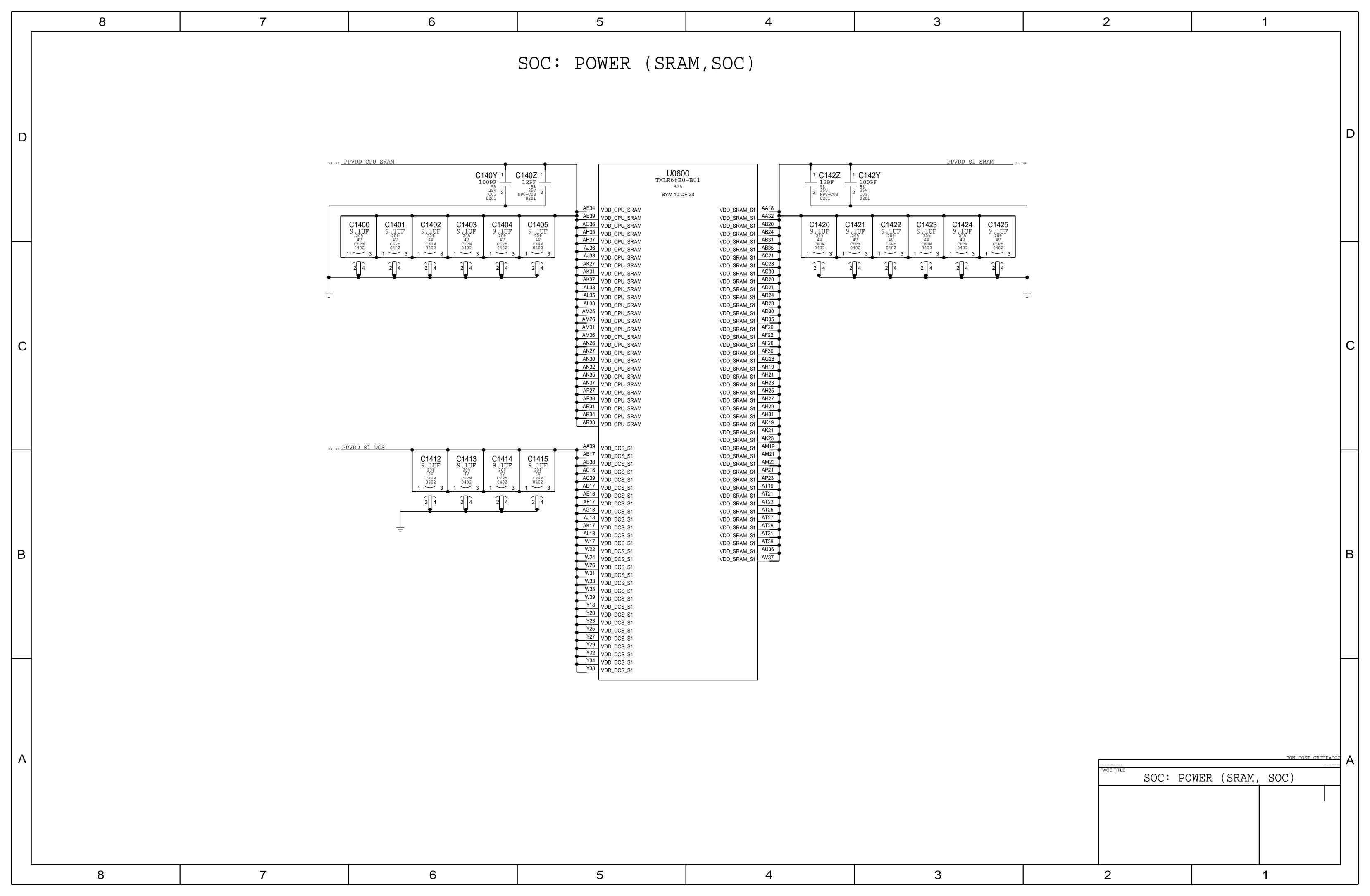


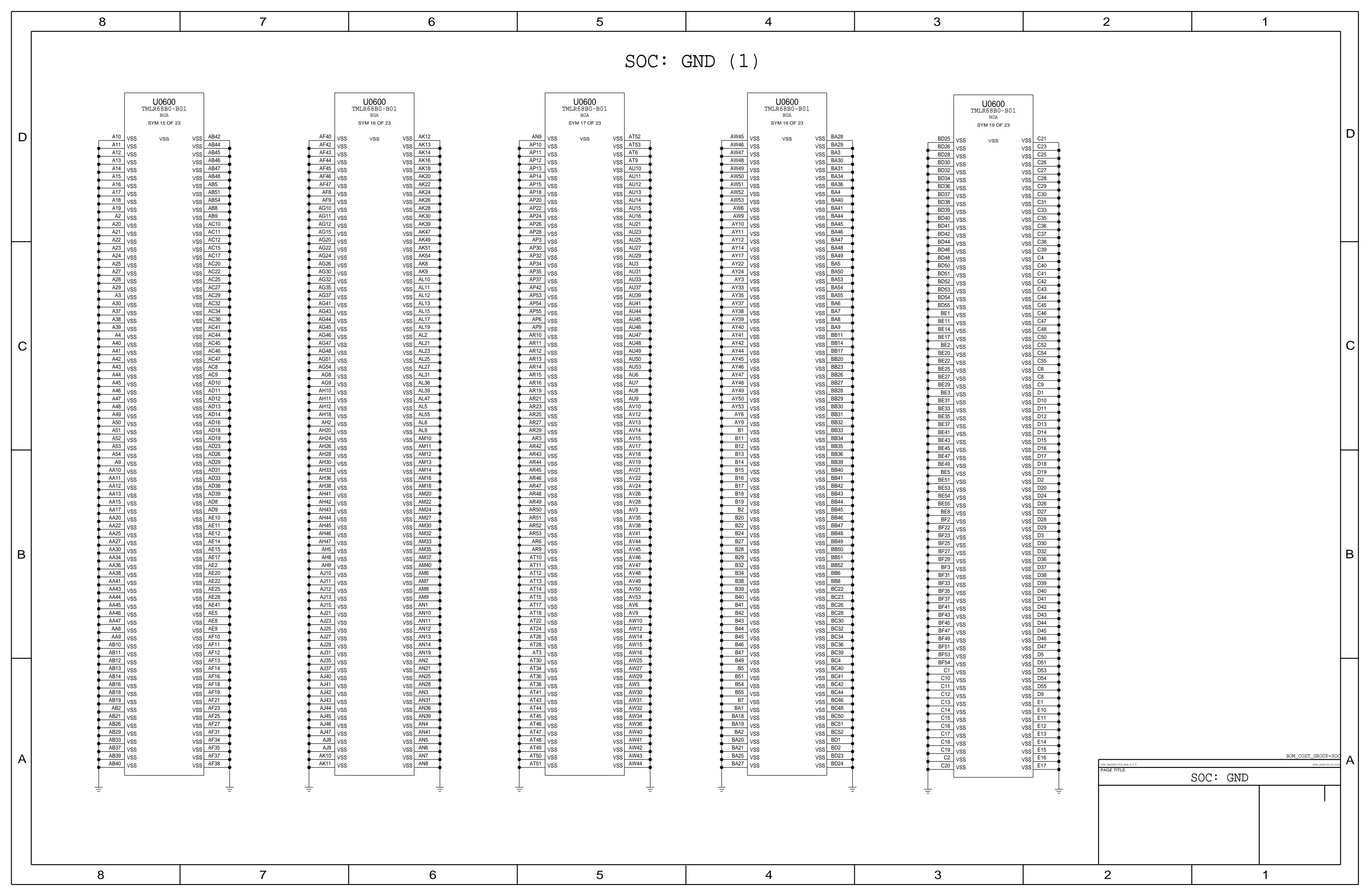


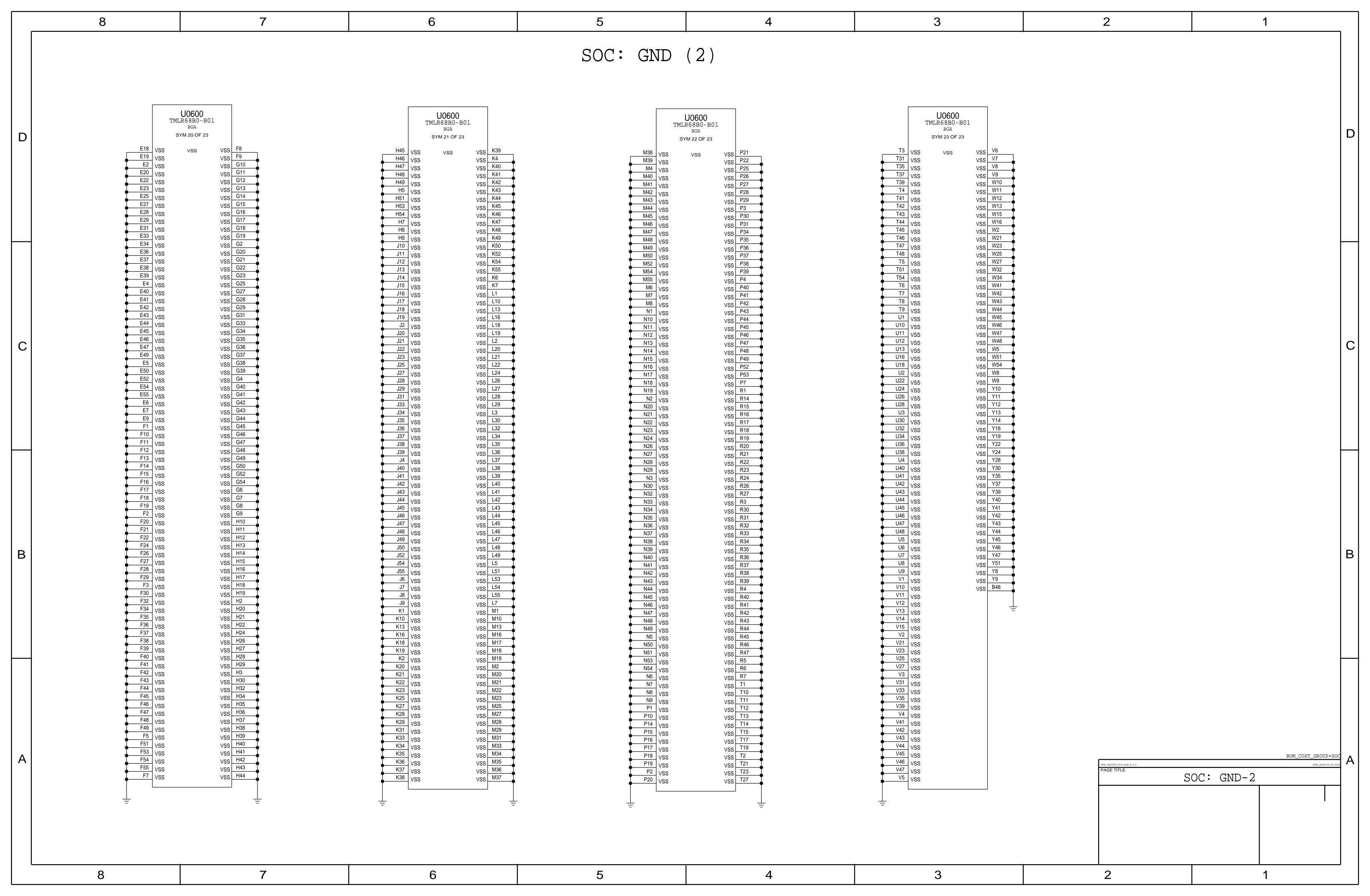


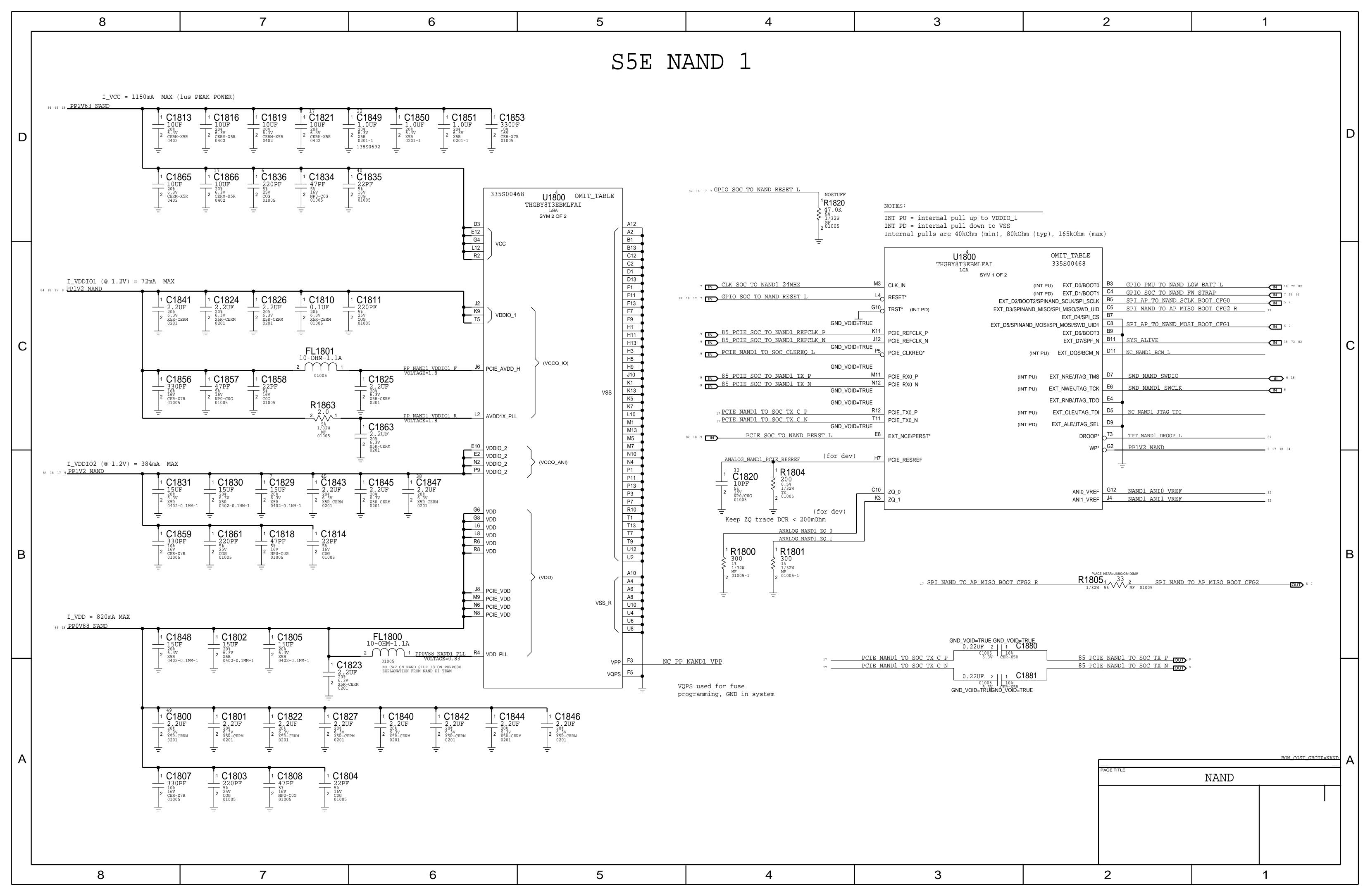


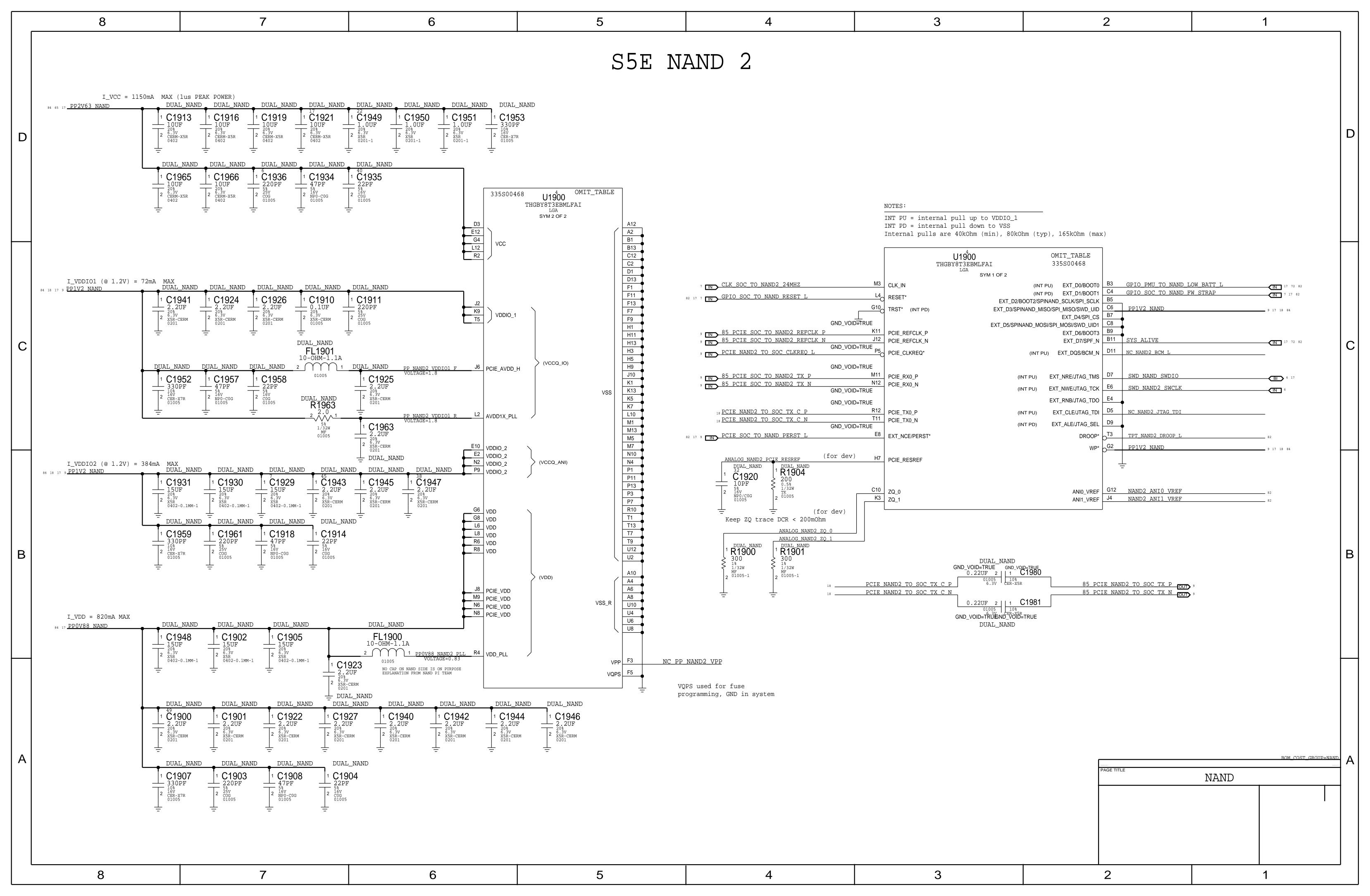


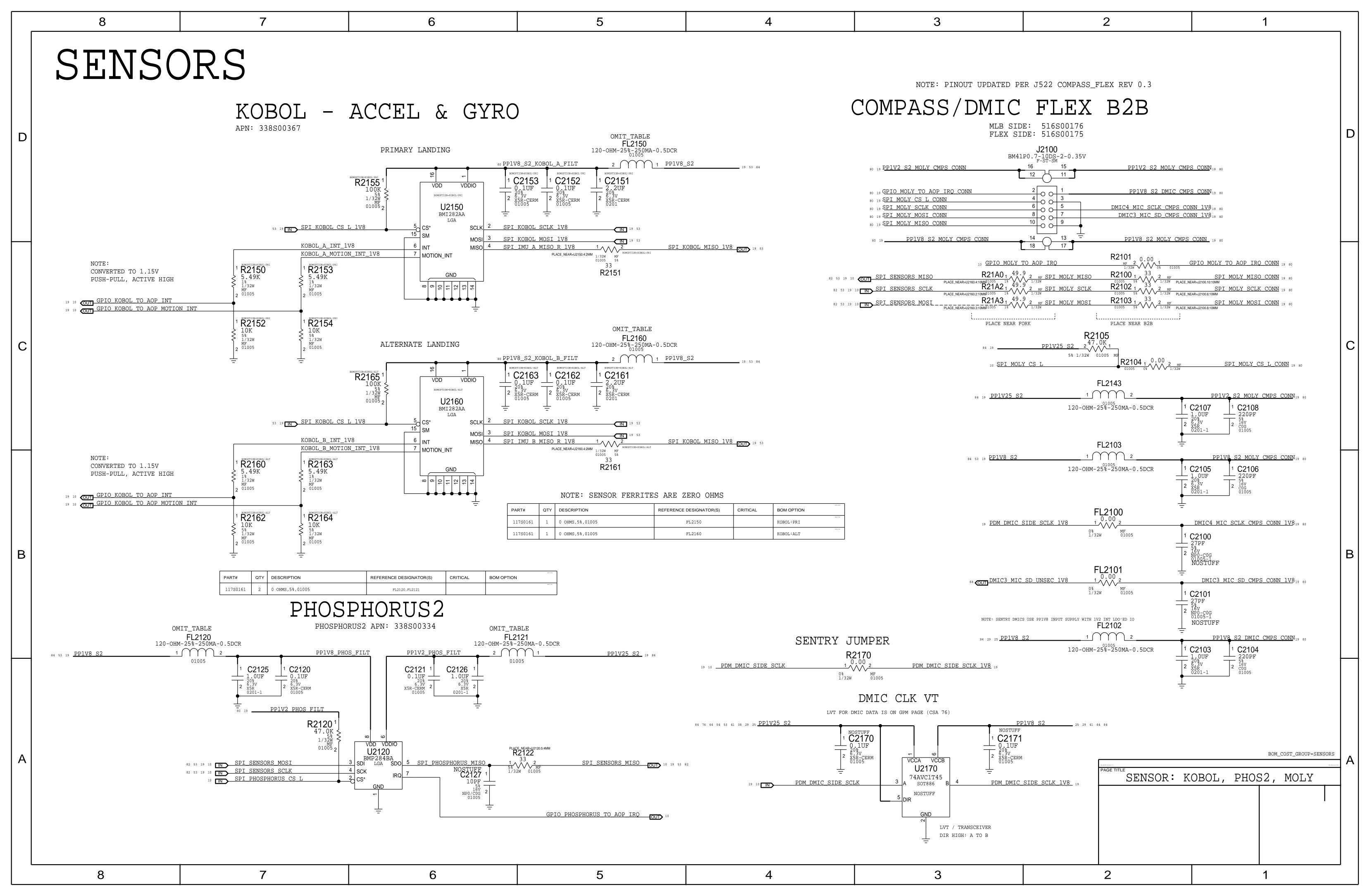


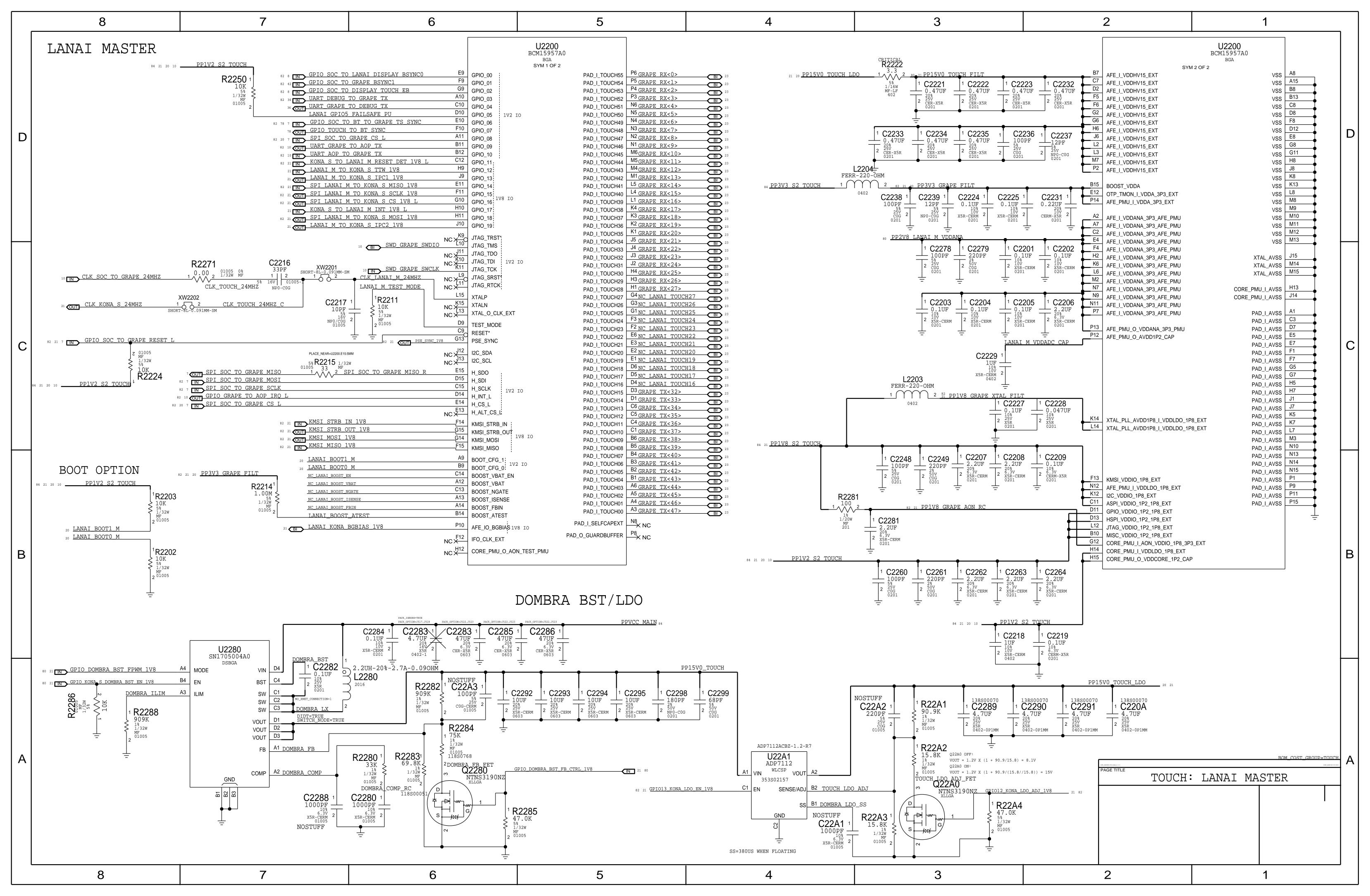


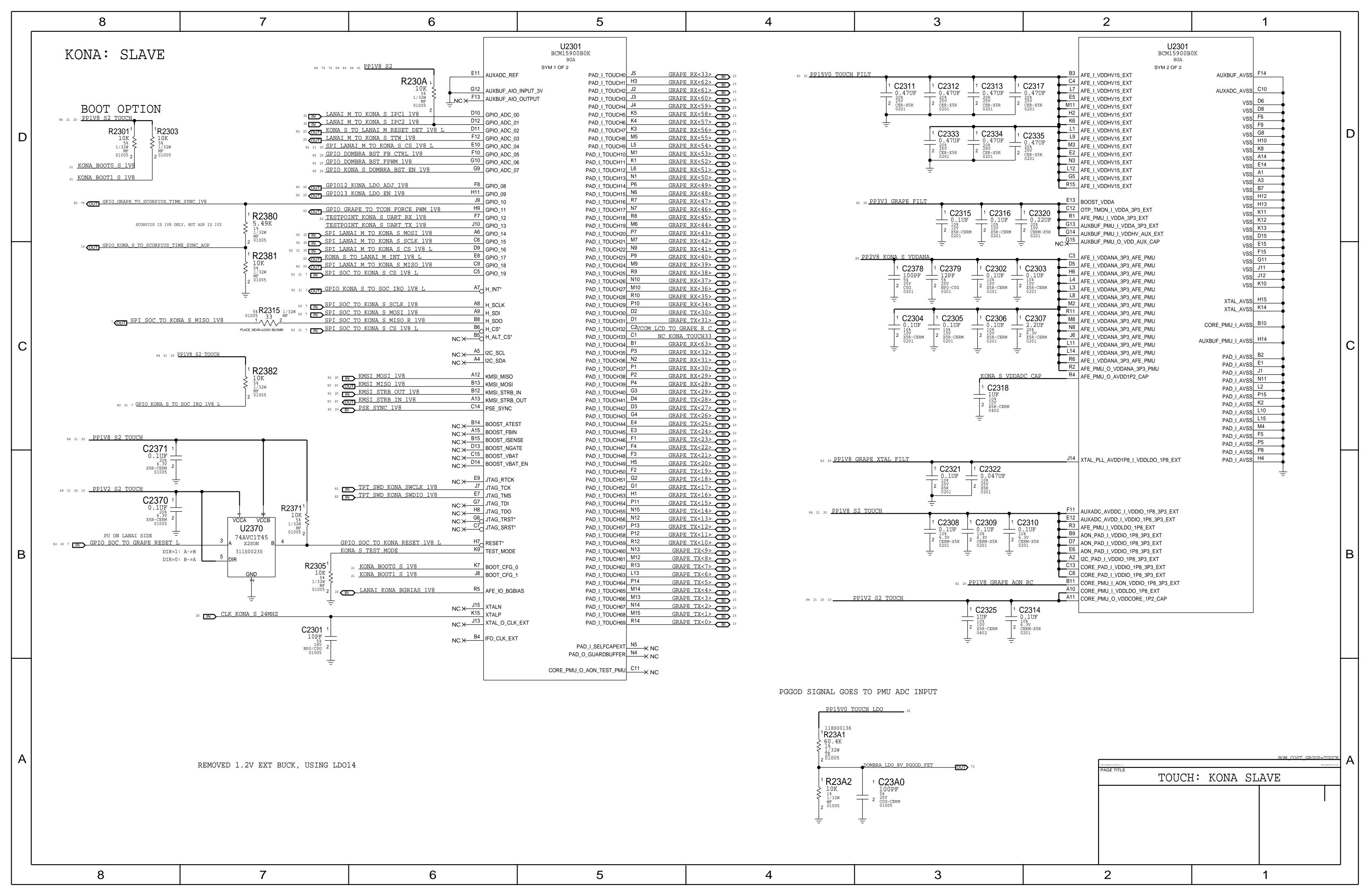


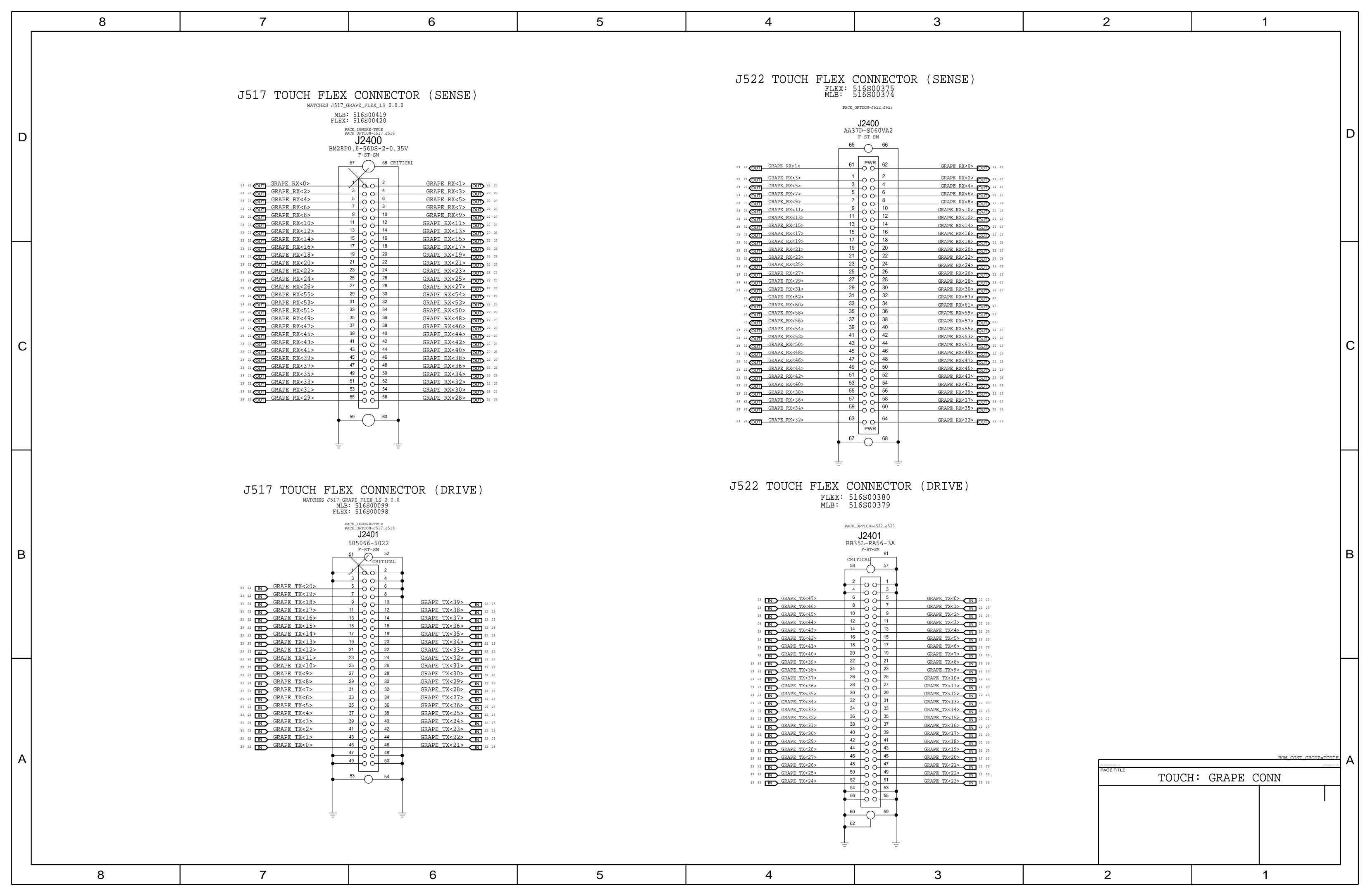




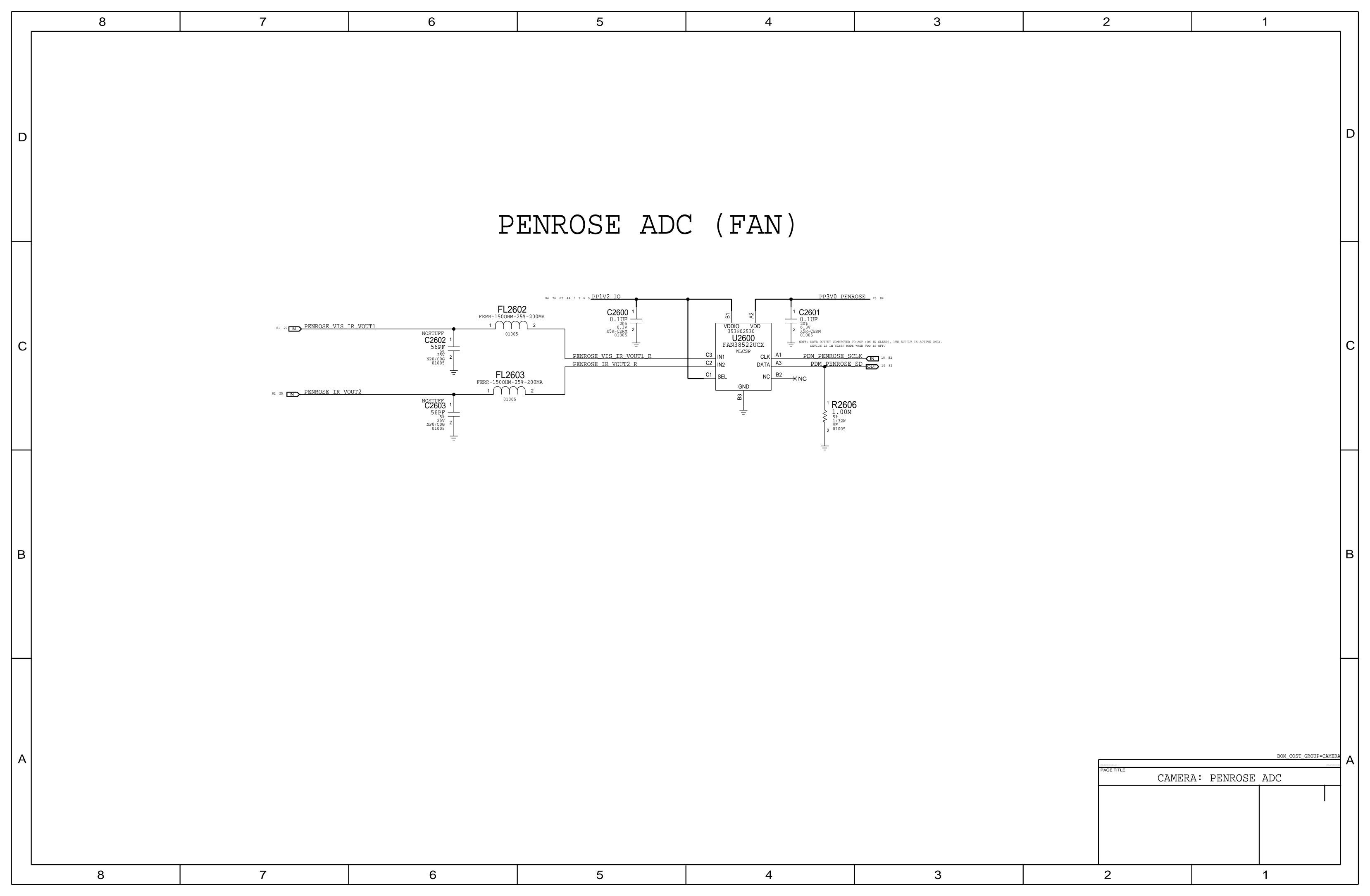


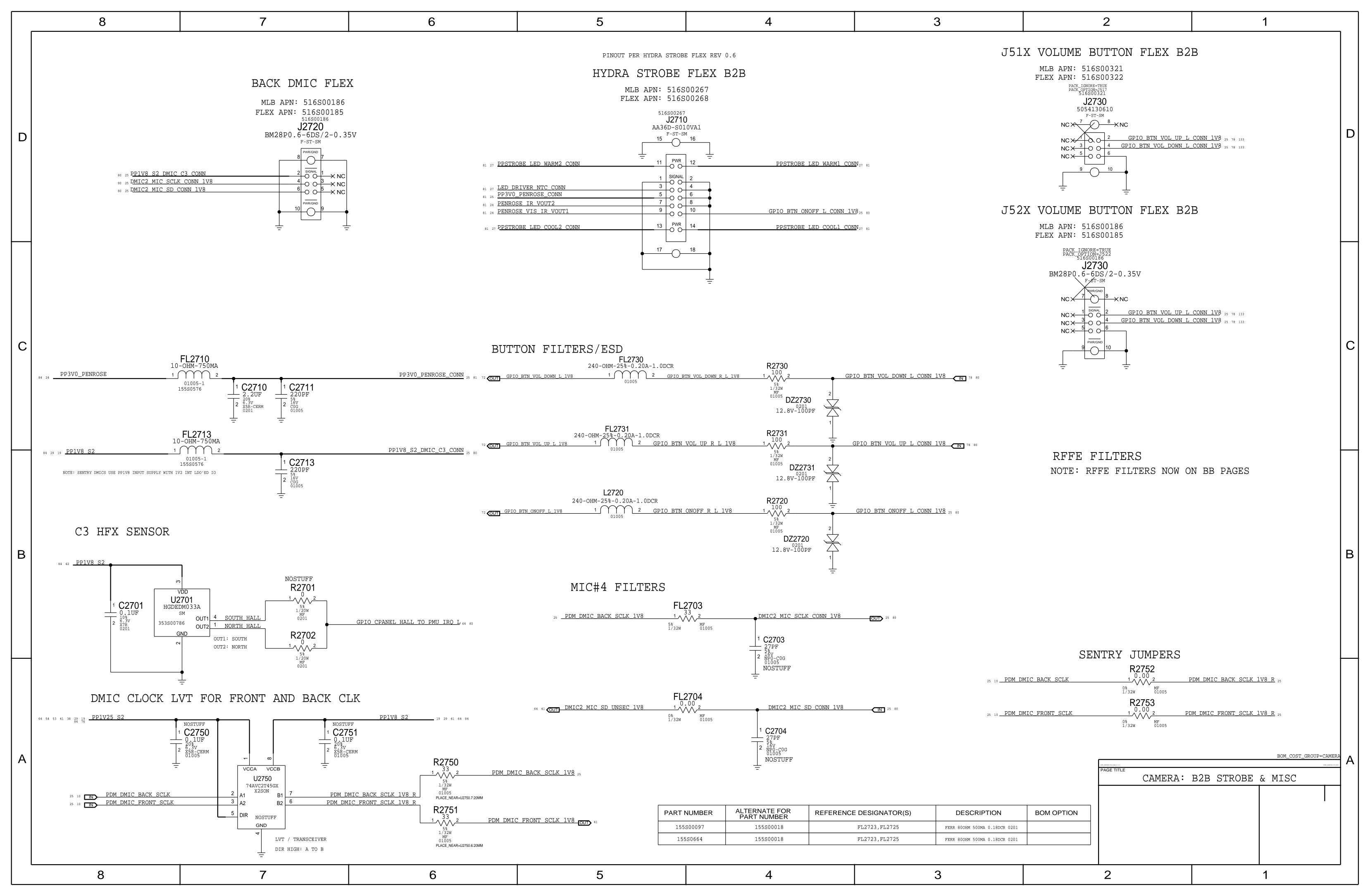


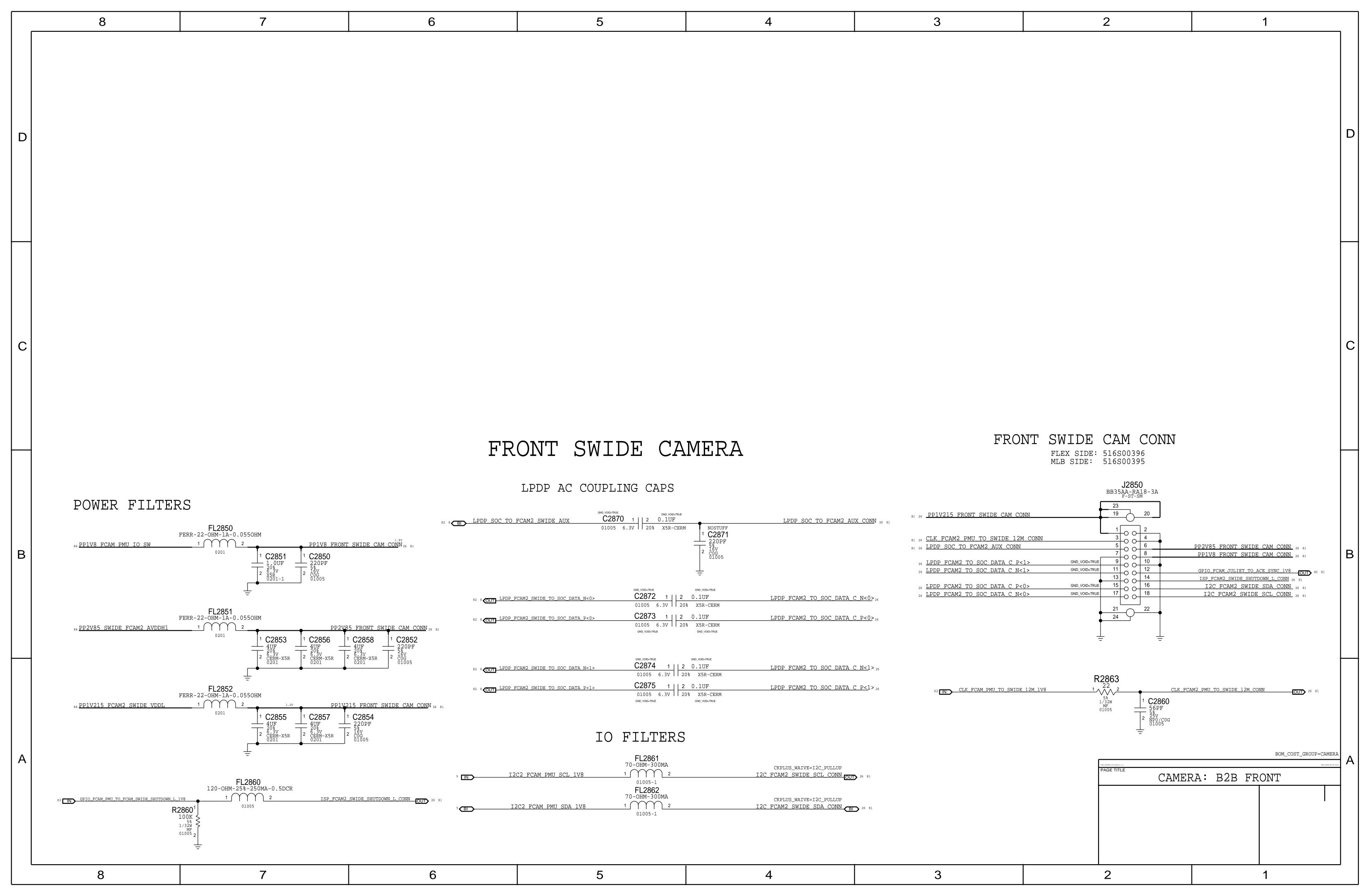


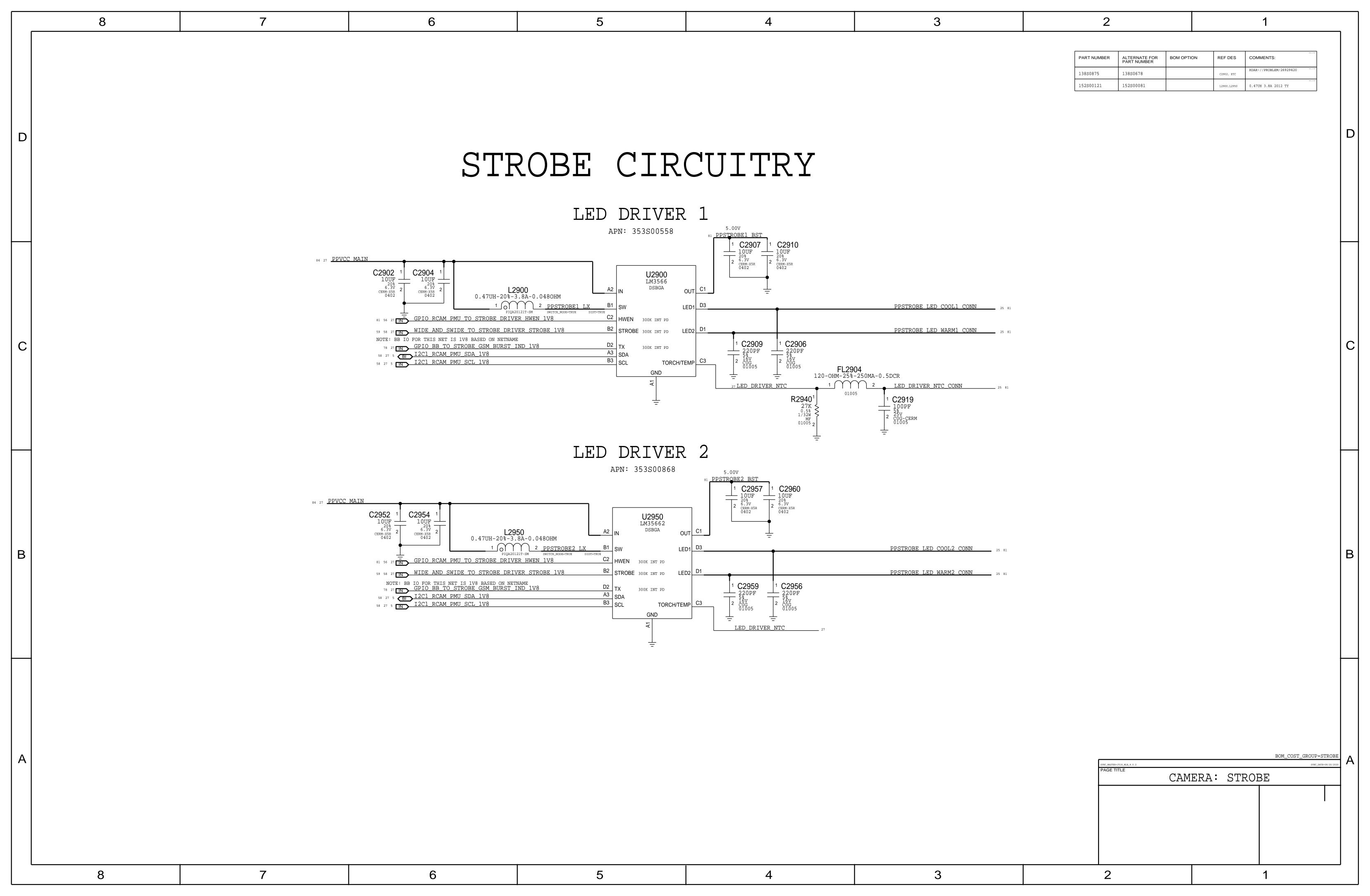


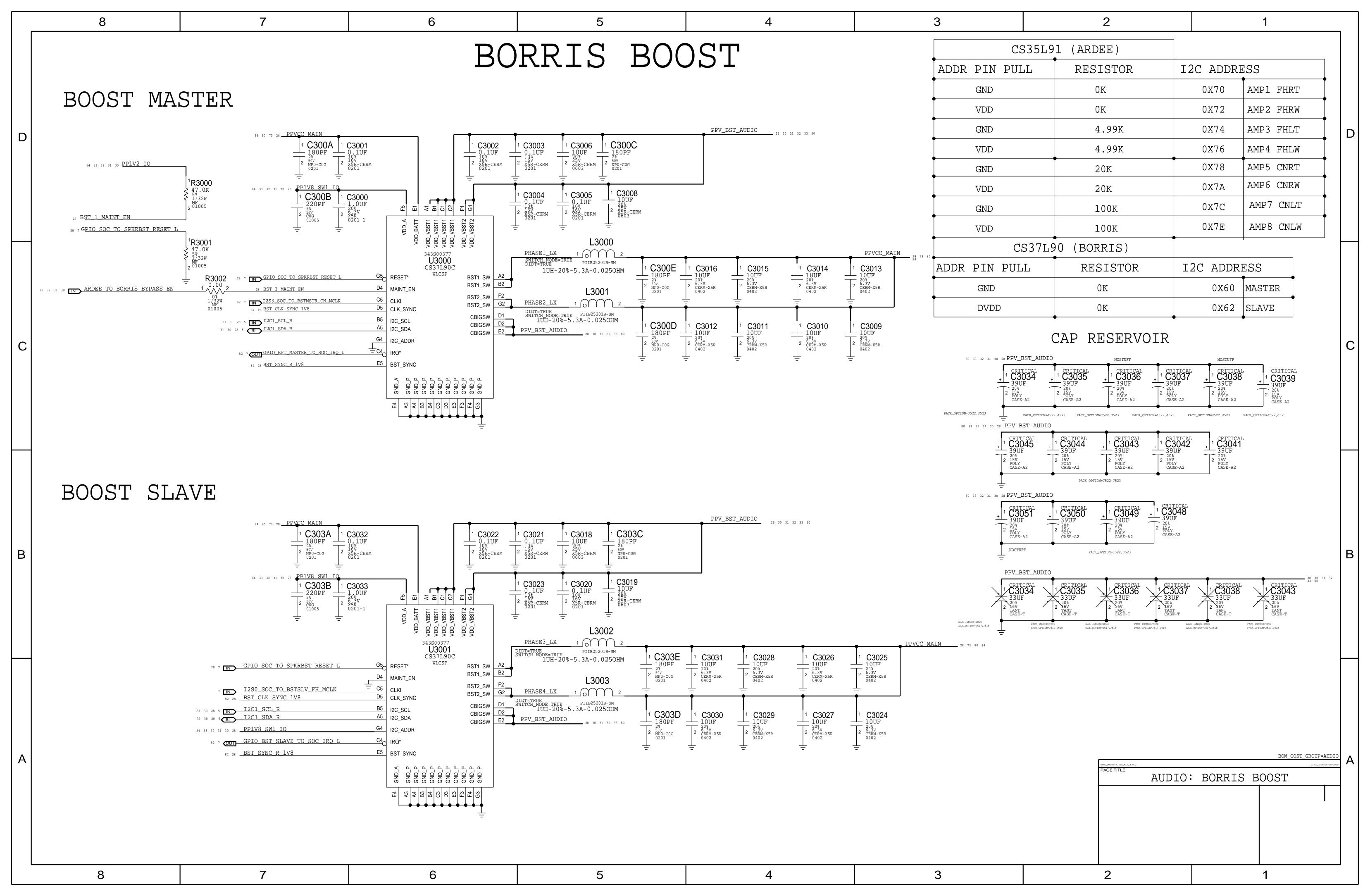
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D	GRAPE RX<0> MAKL_MASETPOOL  GRAPE RX<0  GRAPE RX<0  GRAPE RX<0  GRAPE RX<0  GRAPE RX<0  MAKL_MASETPOOL  GRAPE RX<0  MAKL_MASETPOOL  GRAPE RX<0  GRAPE RX<0  GRAPE RX<0  GRAPE RX<0  MAKL_MASETPOOL  GRAPE RX<0  MAKL_MASETPOOL  GRAPE RX<0  MAKL_MASETPOOL  GRAPE RX<0  GRAPE RX<0  MAKL_MASETPOOL  MAKL_MASETPOOL  MAKL_MASETPOOL  MAKL_MASETPOOL  MAKL_MASETPOOL  MAKL_MASETPOOL  MAKL_MASETPOOL  MAKL_MASET	22	RAPE RX-54>  MANE_RASE_TRUE  RAPE RX-54>  MANE_RASE_TRUE  RAPE RX-55>  MANE_RASE_TRUE  RAPE RX-54>  MANE_RASE_TRUE  RAPE RX-44>  MANE_RASE_TRUE  RAPE RX-45>  MANE_RASE_TRUE  RAPE RX-44>  MANE_RASE_TRUE  RAPE RX-43>  MANE_RASE_TRUE  RAPE RX-43>  MANE_RASE_TRUE  RAPE RX-43>  MANE_RASE_TRUE  RAPE RX-43>  MANE_RASE_TRUE  RAPE RX-33>  MAN	23 20 BI GRAPE RX<1> 900.69710 23 20 BI GRAPE RX<2> 900.69710 23 20 BI GRAPE RX<2> 900.69710 23 20 BI GRAPE RX<4> 900.69710 23 20 BI GRAPE RX<5> 900.69710 23 20 BI GRAPE RX<5> 900.69710 23 20 BI GRAPE RX<5> 900.69710 23 20 BI GRAPE RX<6> 900.69710 23 20 BI GRAPE RX<7> 900.69710 23 20 BI GRAPE RX<7> 900.69710 23 20 BI GRAPE RX<8> 900.69710 23 20 BI GRAPE RX<10> 900.69710 23 20 BI GRAPE RX<11> 900.69710 23 20 BI GRAPE RX<12> 900.69710 23 20 BI GRAPE RX<13> 900.69710 23 20 BI GRAPE RX<15> 900.69710 23 20 BI GRAPE RX<10> 900.69710 23 20 BI GRAPE RX<20> 900.69710 23 20 BI GRAPE RX<20> 900.69710 23 20 BI GRAPE RX<20> 900.69710 23 20 BI GRAPE RX<21> 900.69710 23 20 BI GRAPE RX<21> 900.69710 23 20 BI GRAPE RX<22> 900.69710 23 20 BI GRAPE RX<22> 900.69710 23 20 BI GRAPE RX<21> 900.69710 23 20 BI GRAPE RX<20> 900.69710 23 20 BI GRAPE RX<20 24 25 26 BI GRAPE RX<20 25 26 BI GRAPE RX<20 26 BI GRAPE RX<20 27 28 28 28 28 28 28 28 28 28 28 28 28 28	SCHAPE EXCLO  GRAPE EXCLO  GRAP	GRAPE   RX<62	GRAPE RX-623
A			<u>_</u>			PAGE TITLE  TOUCH	BOM_COST_GROUP=TOUCH SYNC_DATE=08/20/2020  SENSE & DRIVE ALIAS
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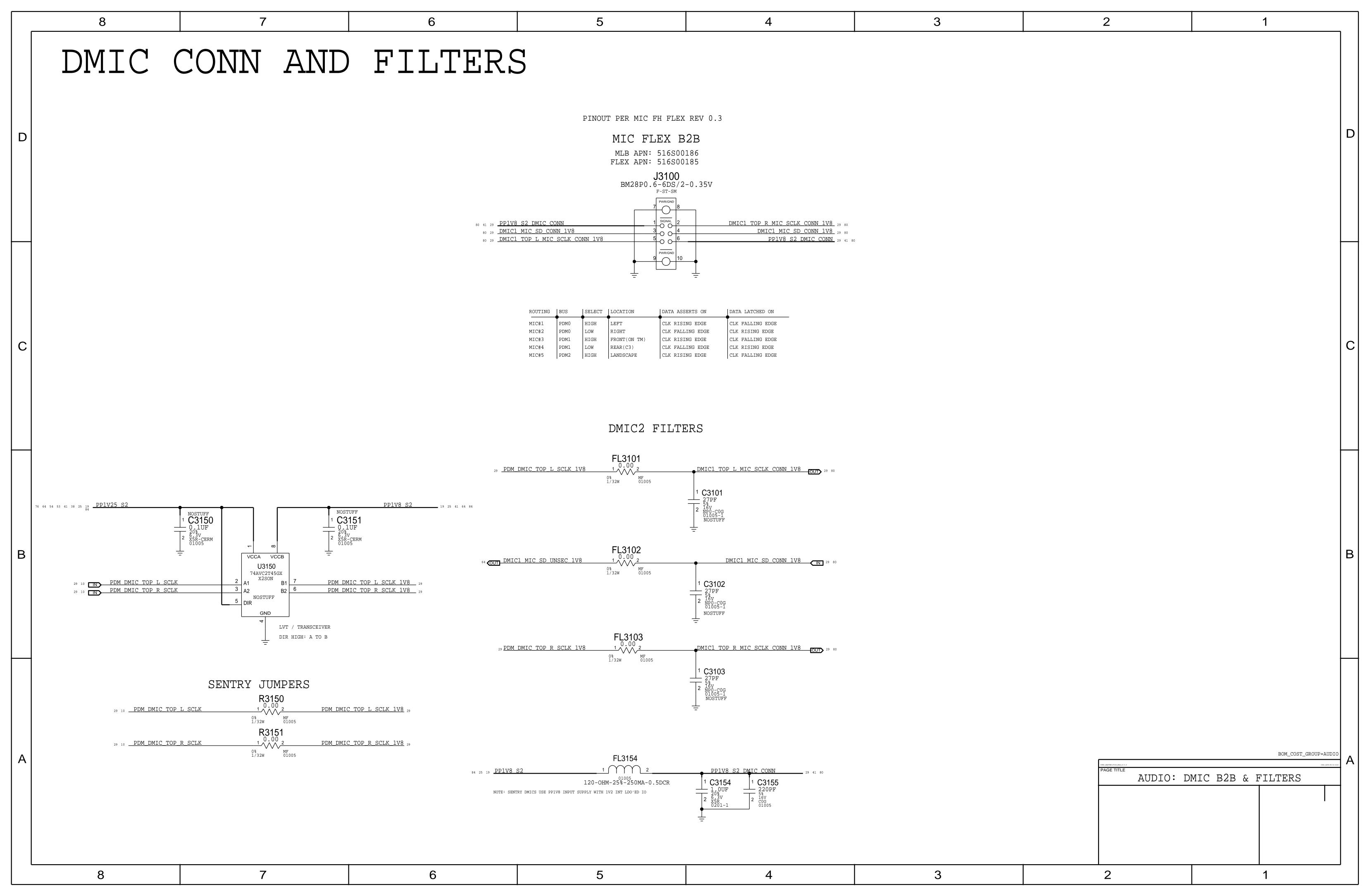


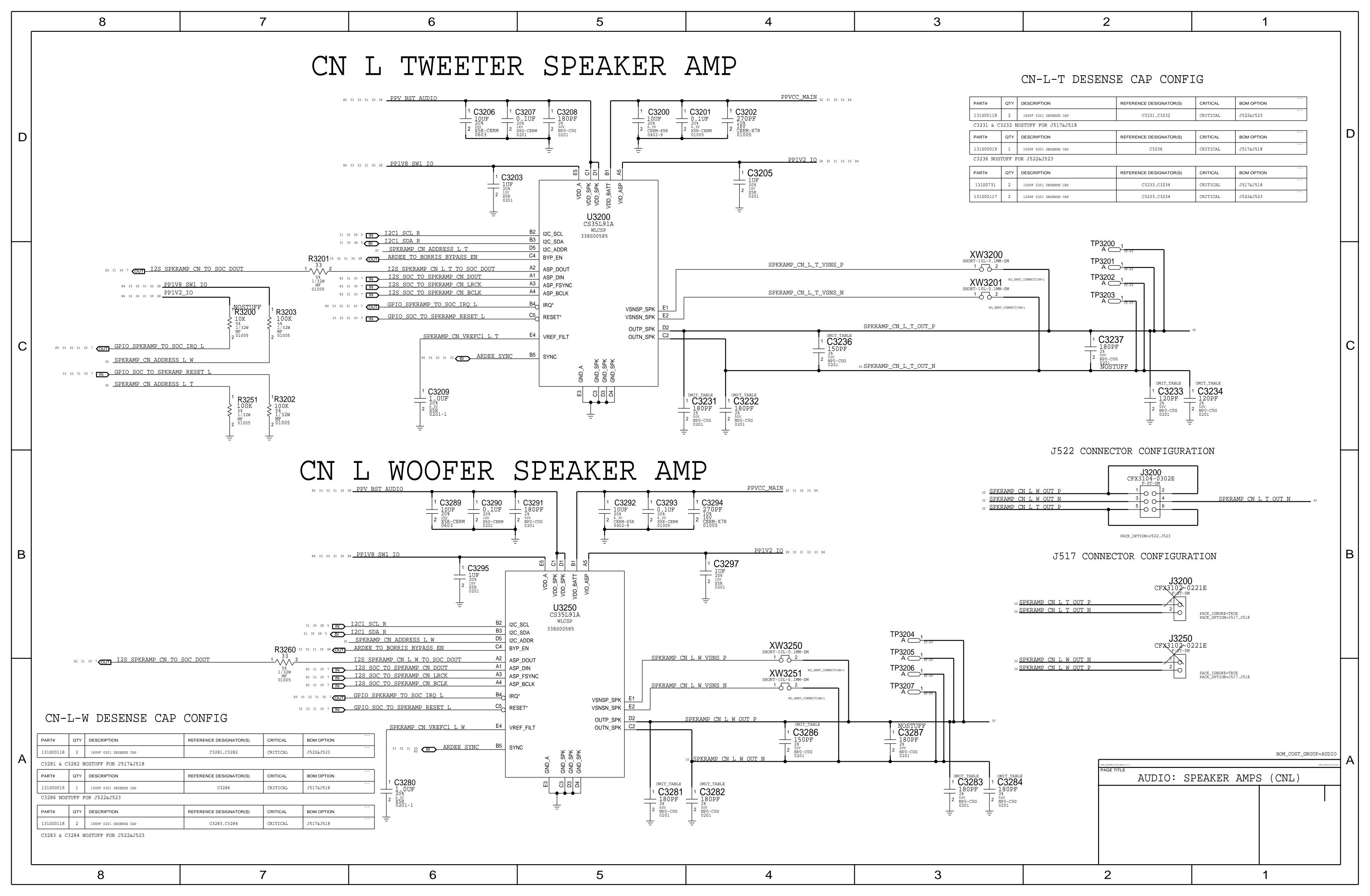


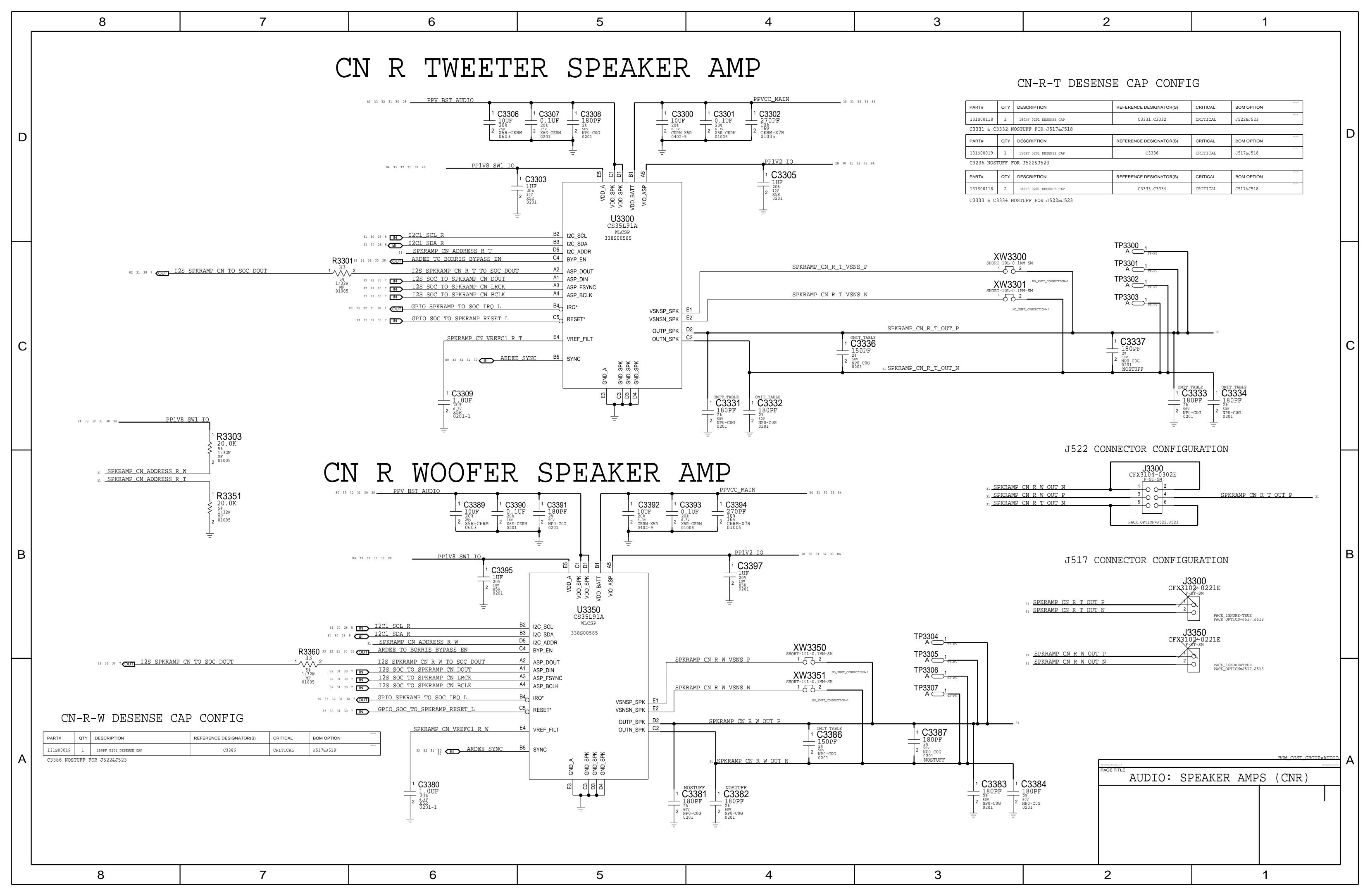


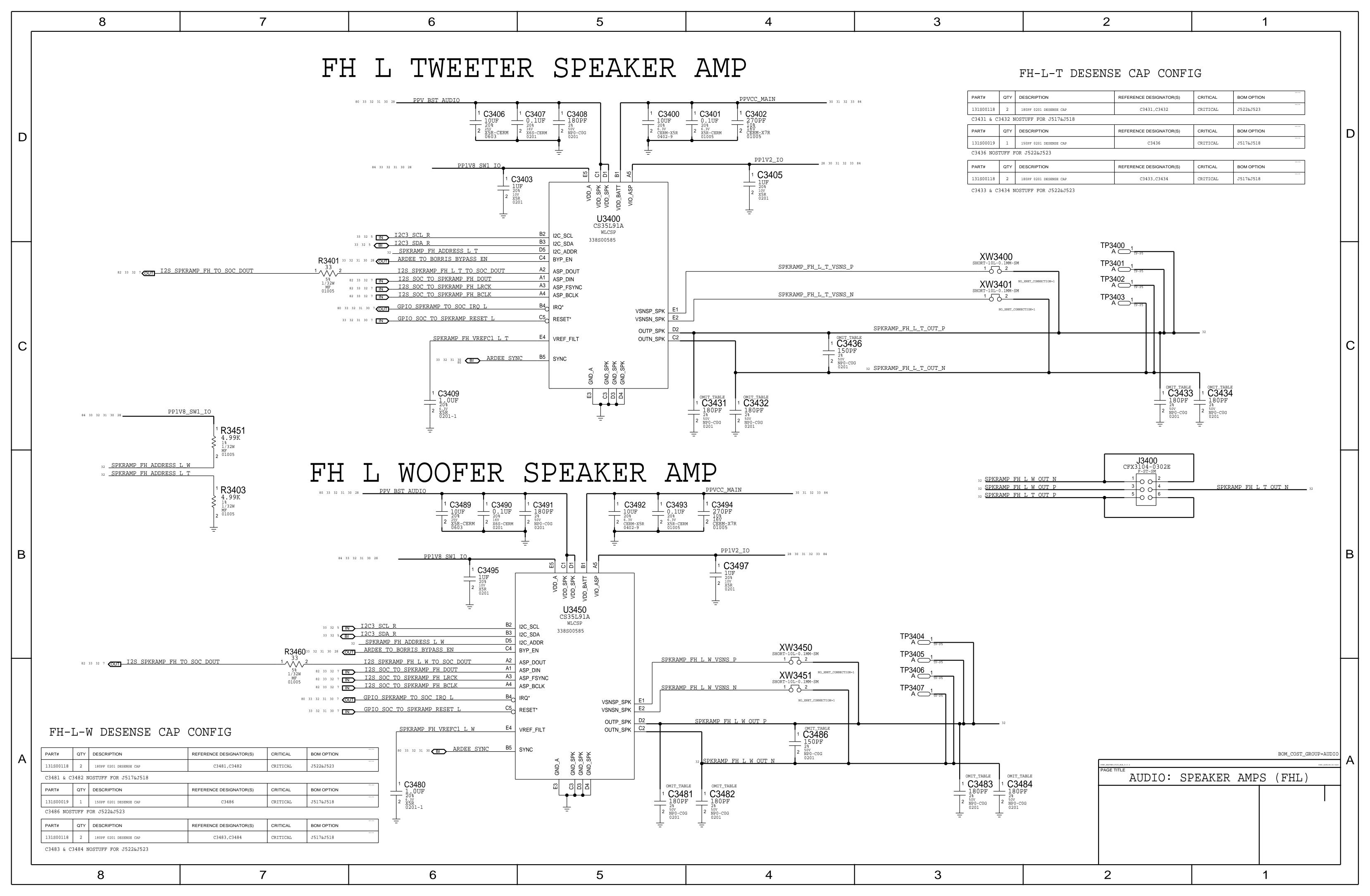


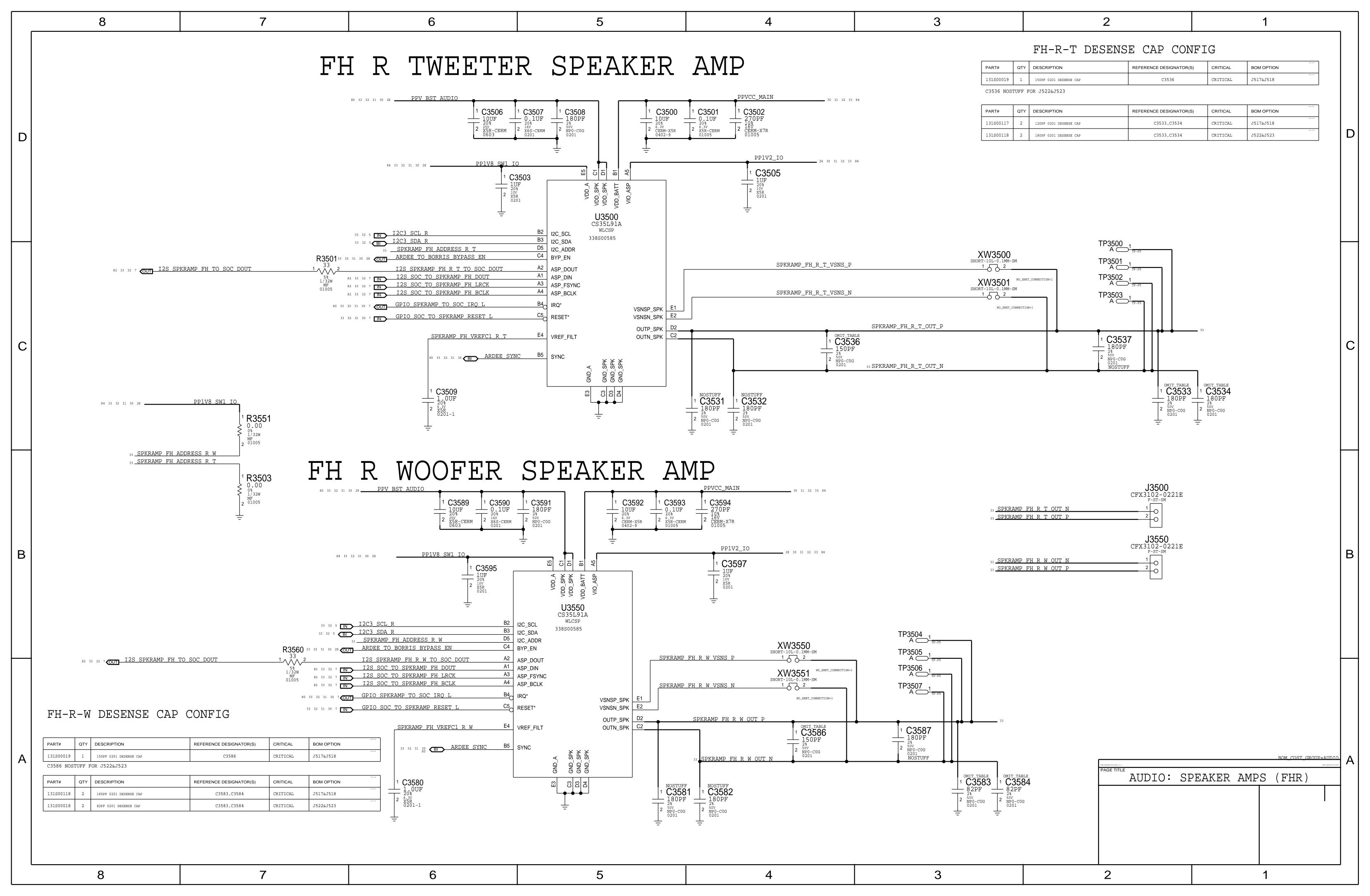


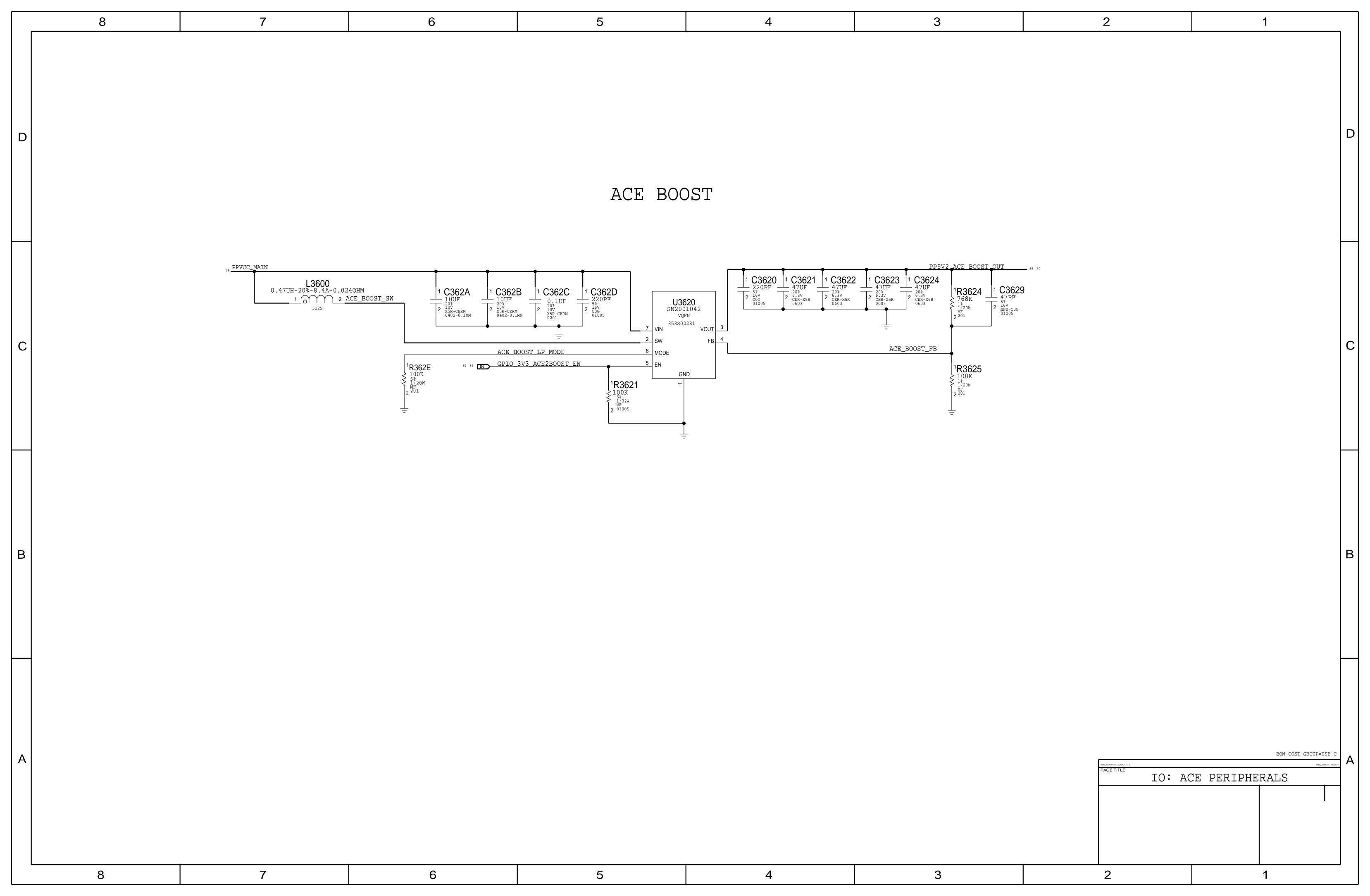


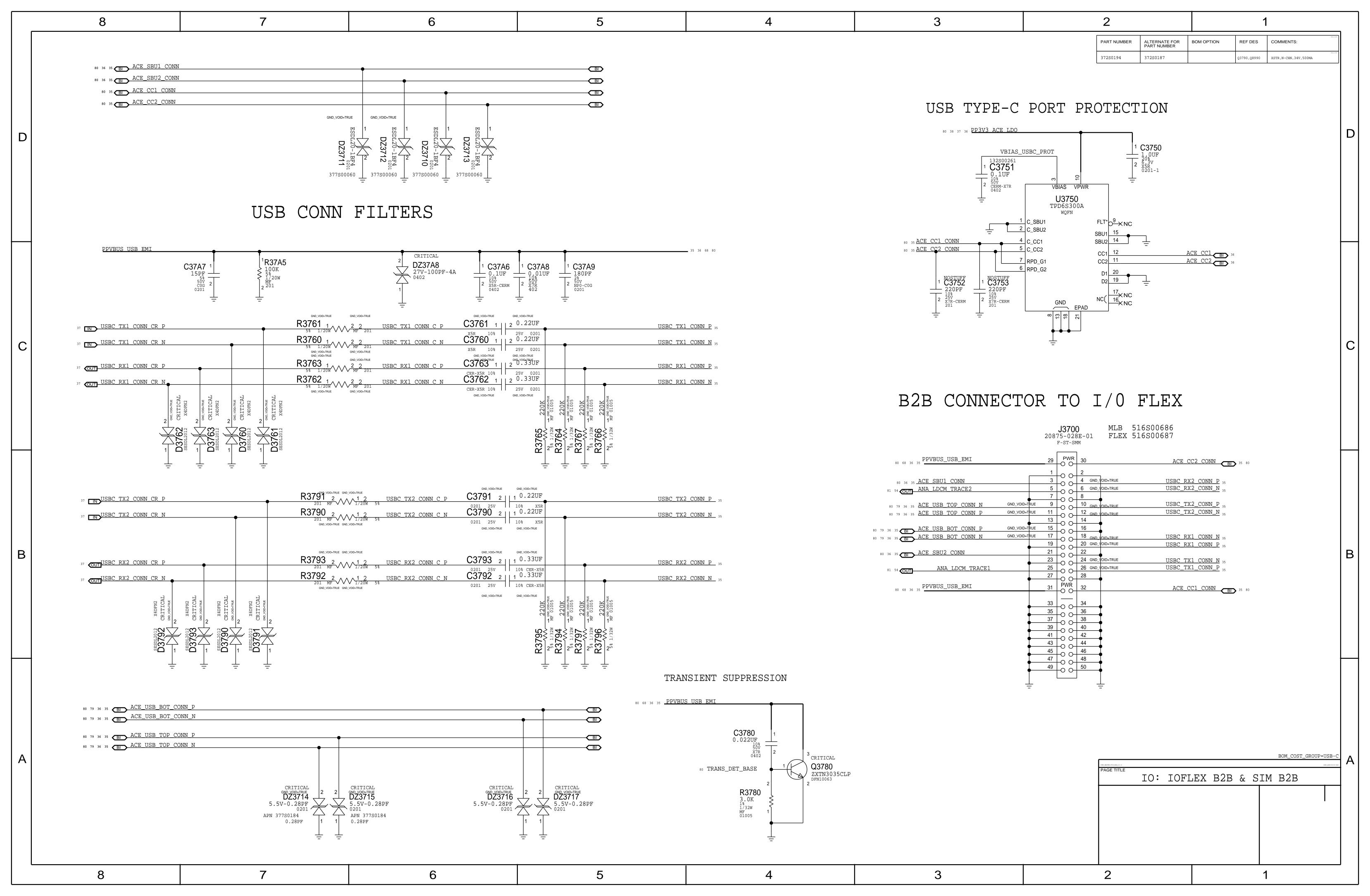


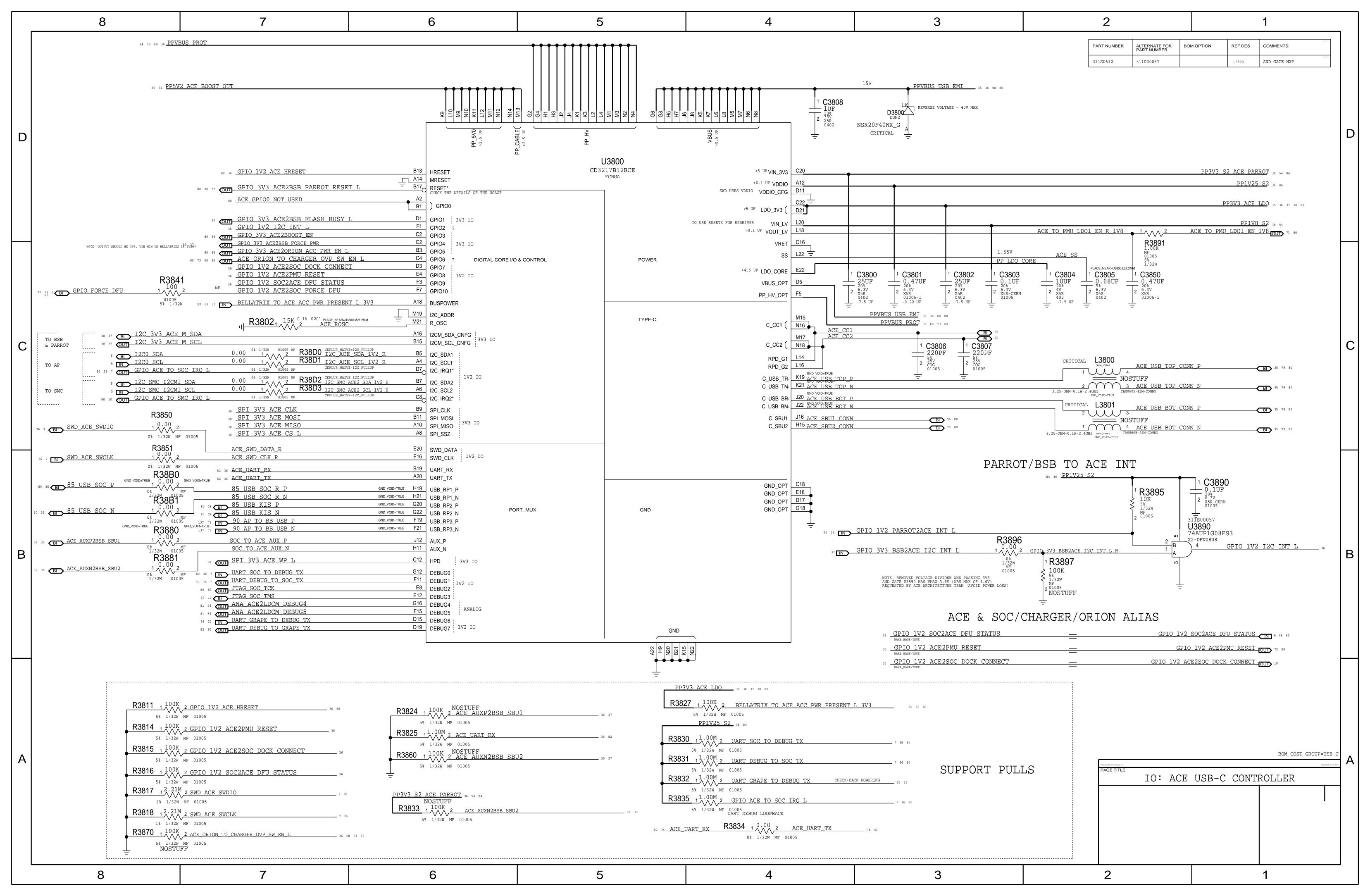


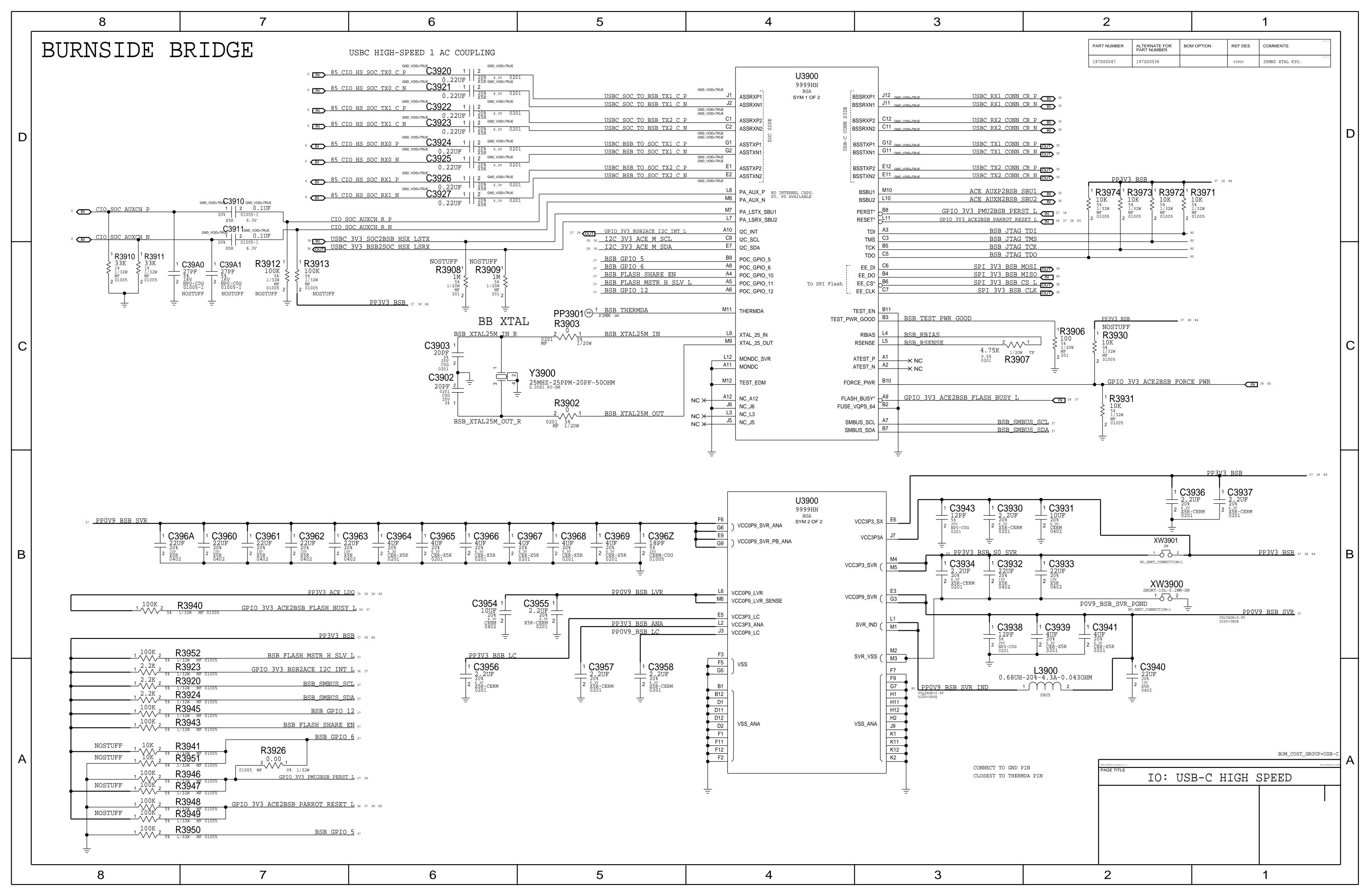


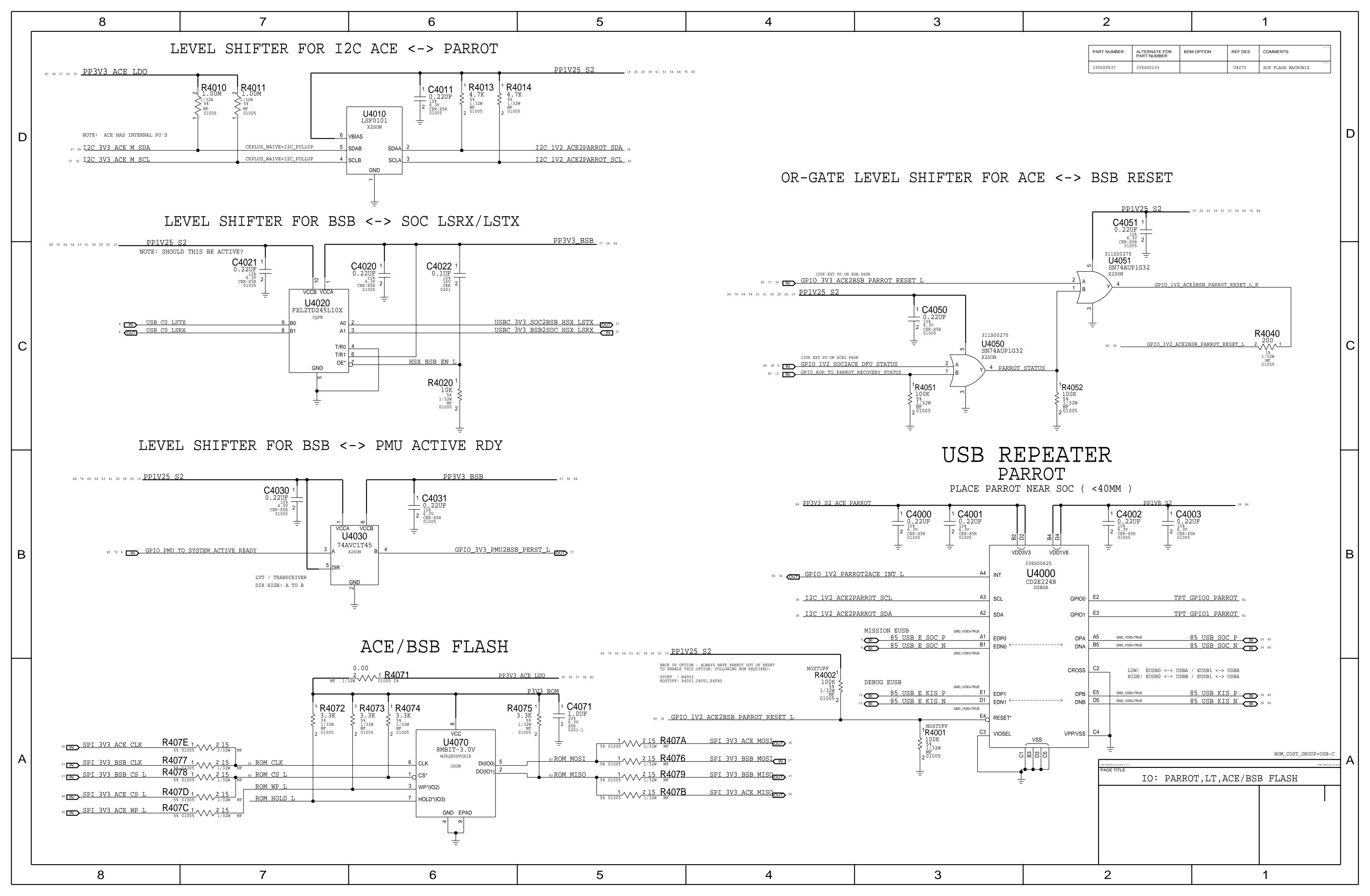


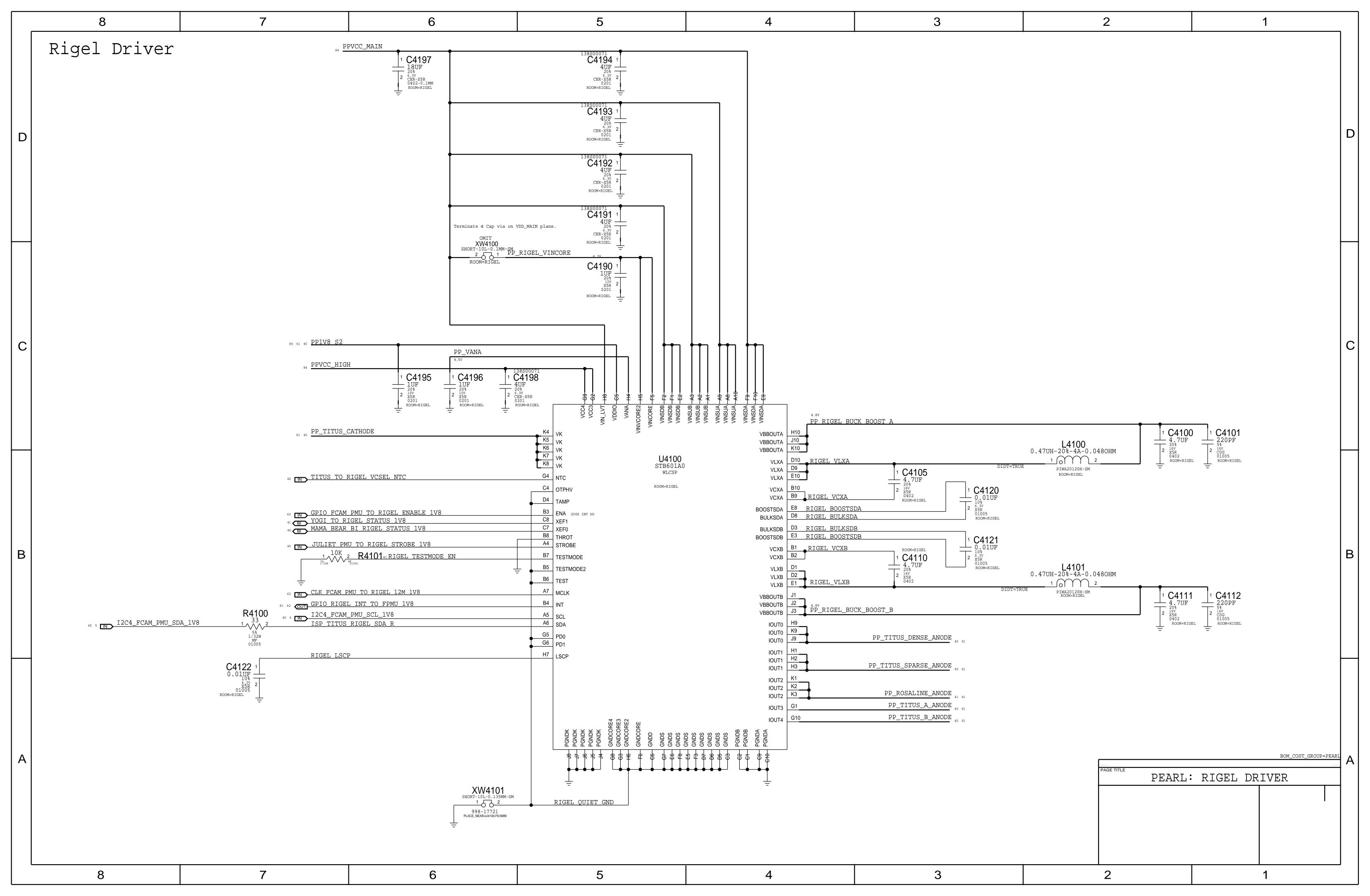


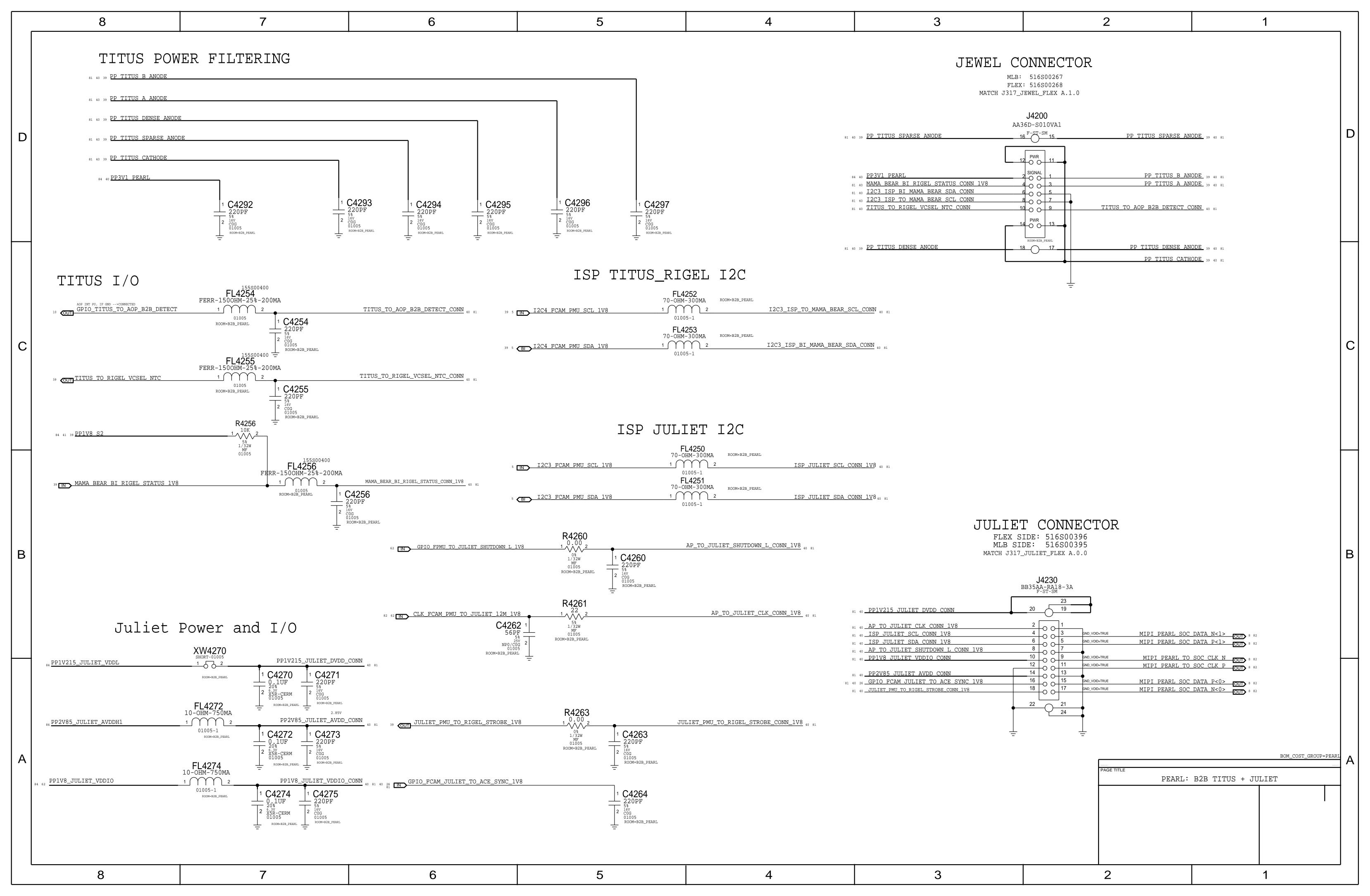


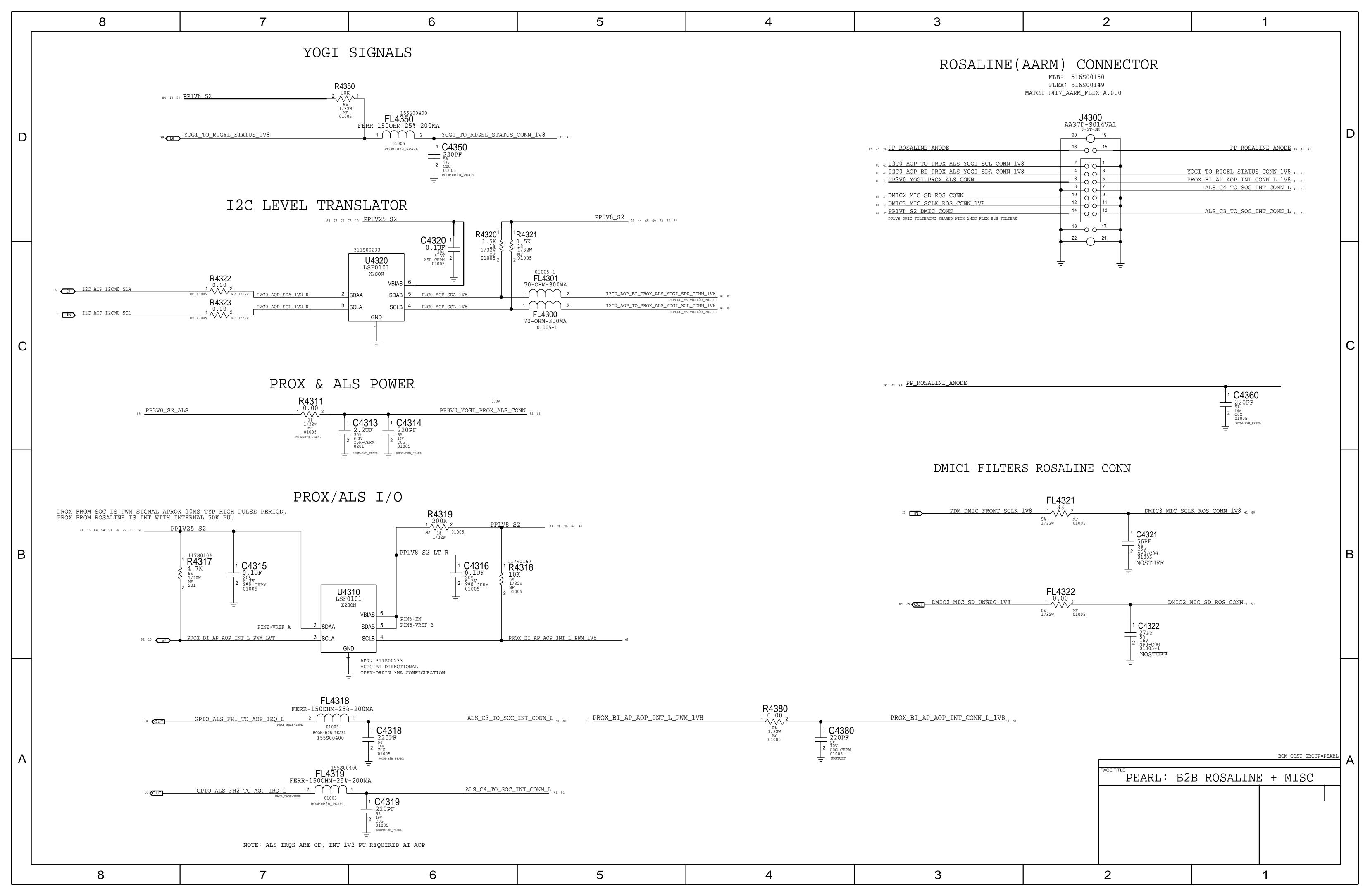


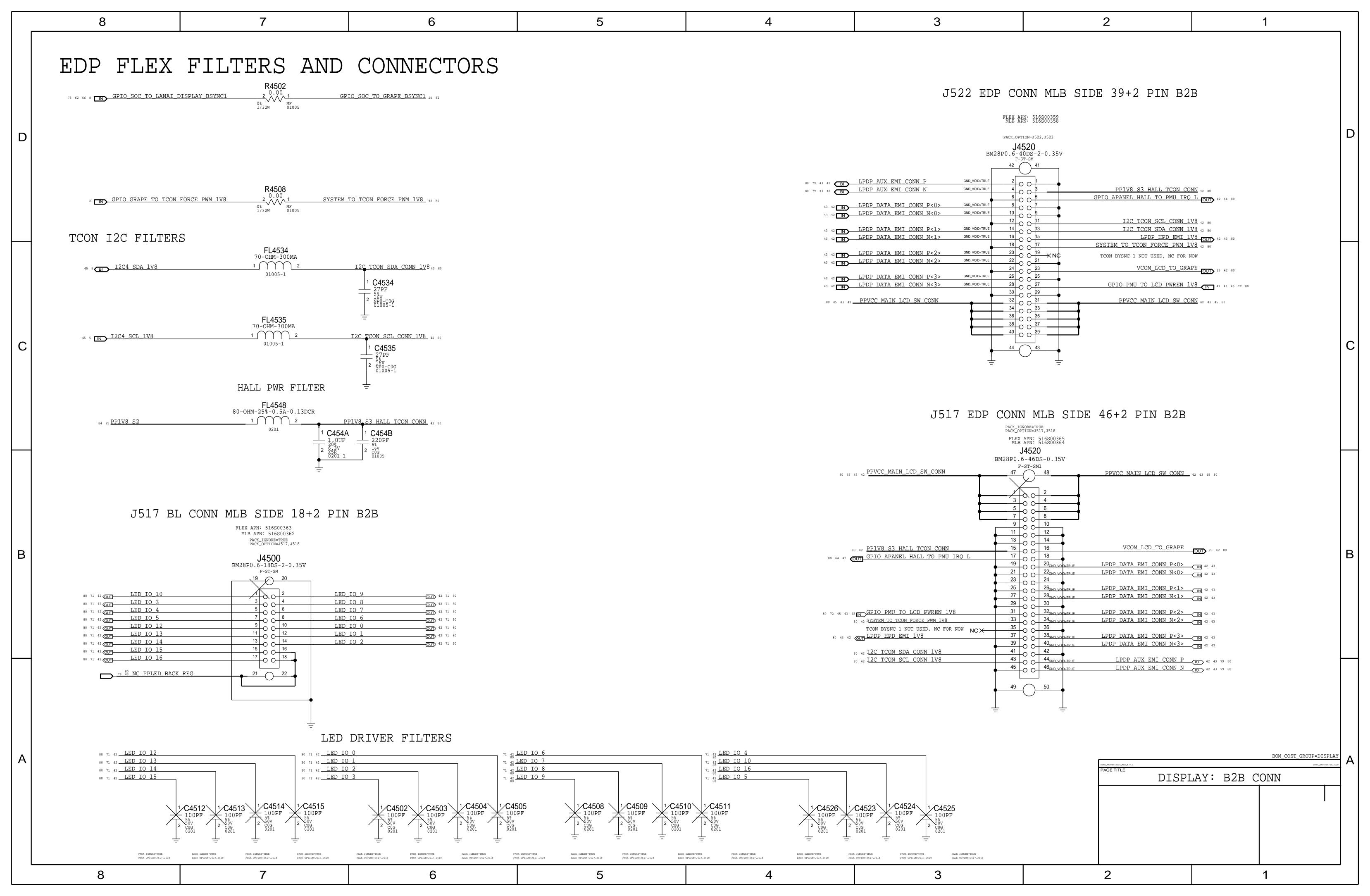


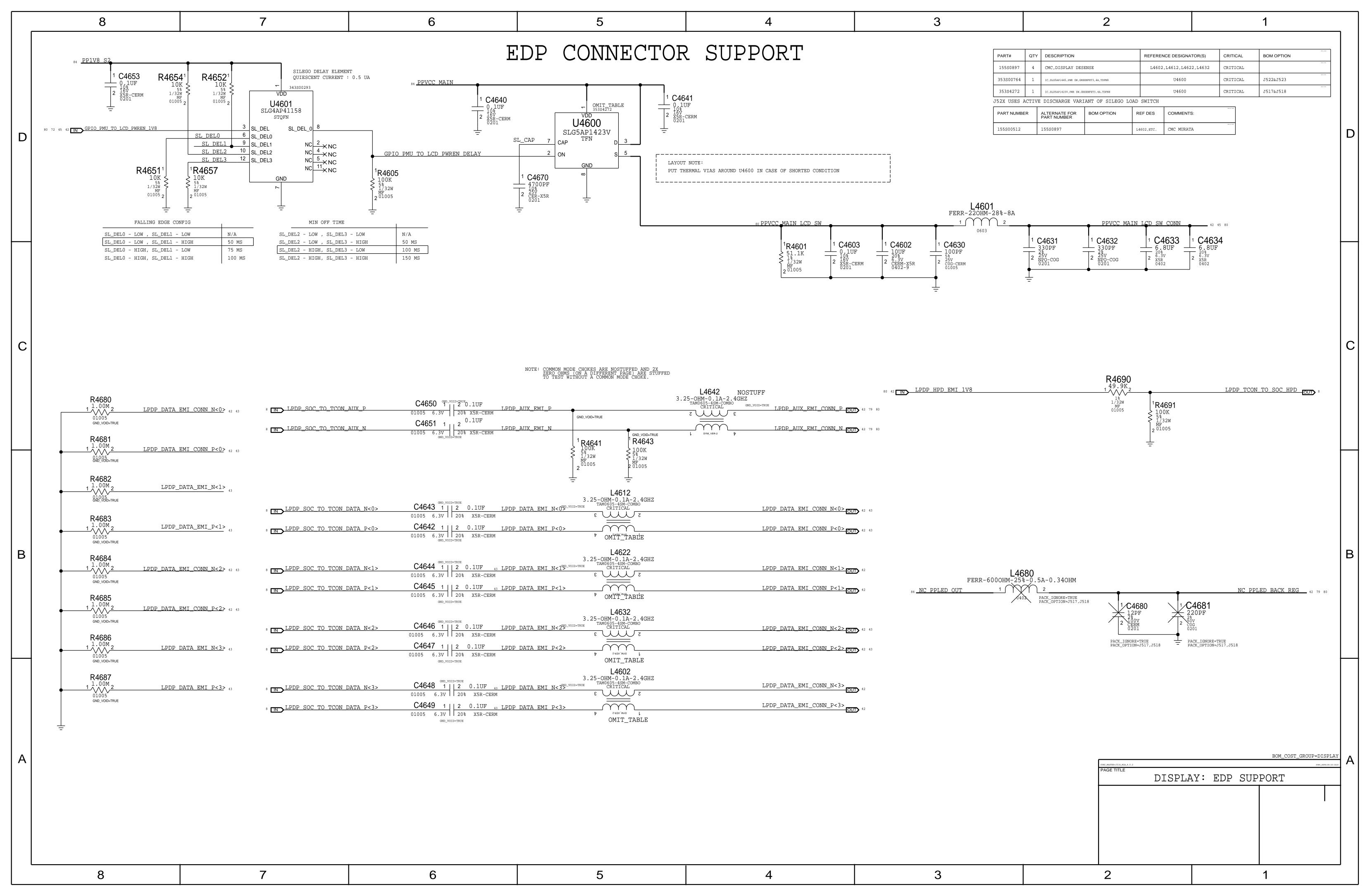


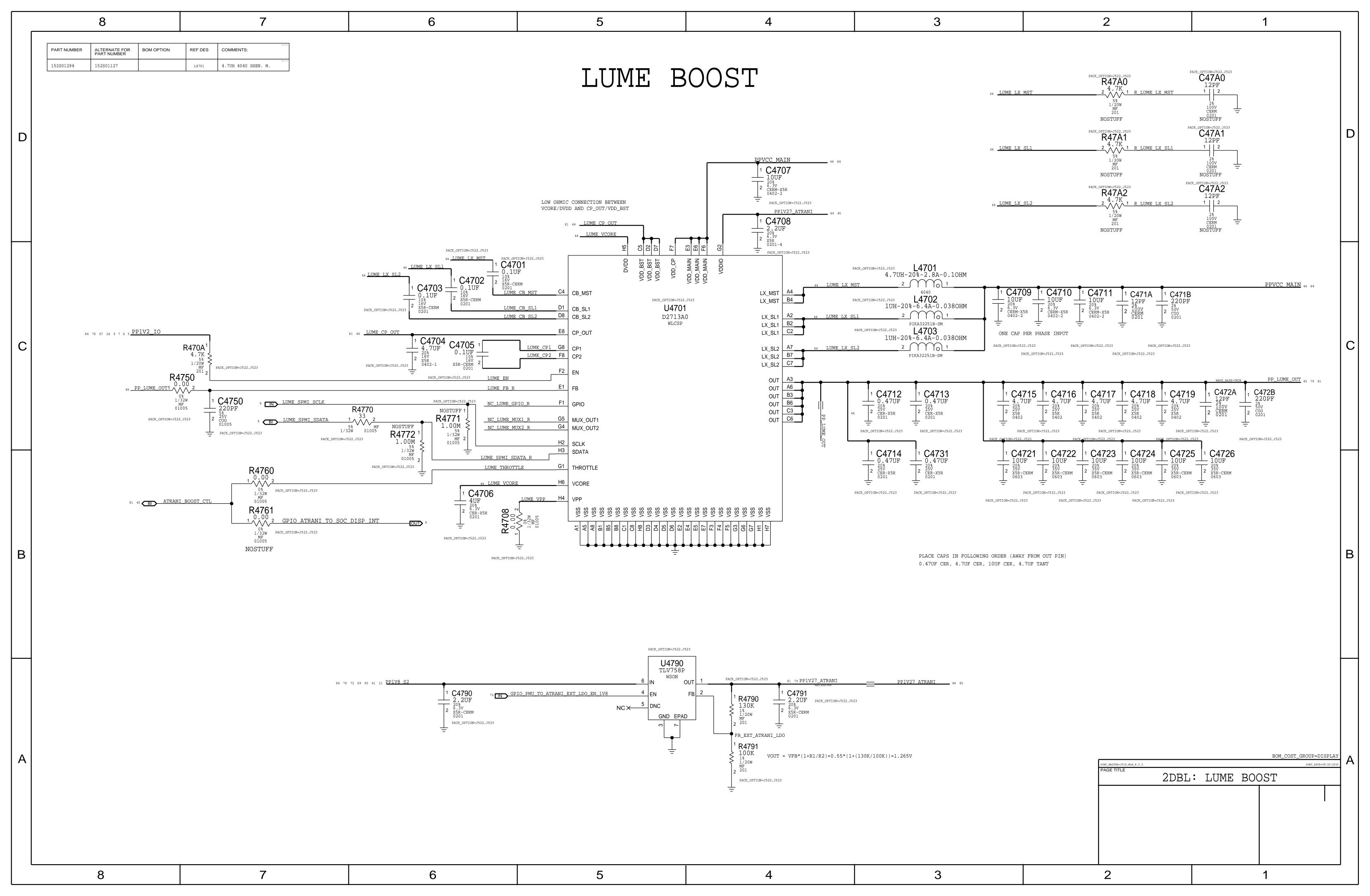


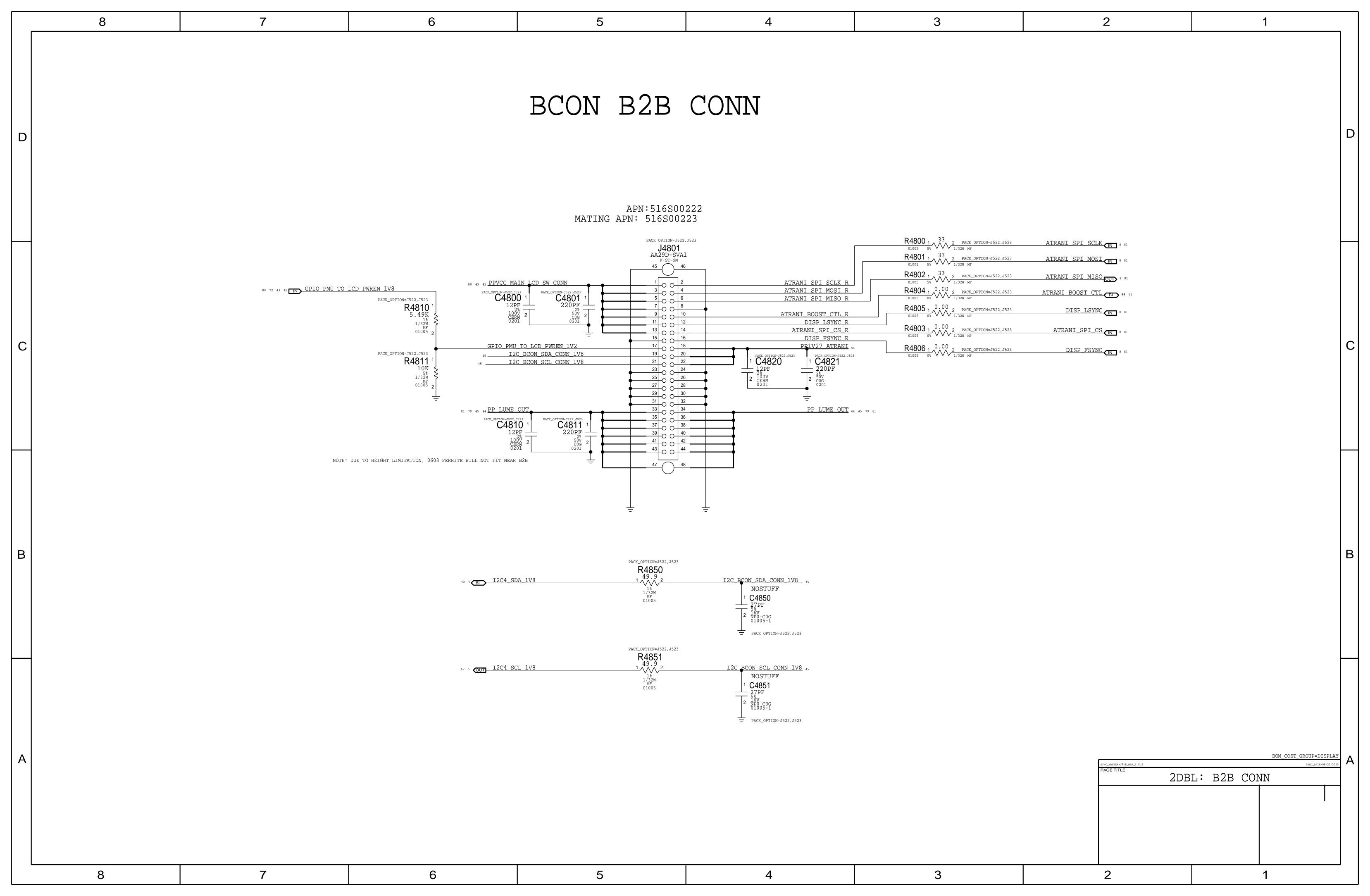


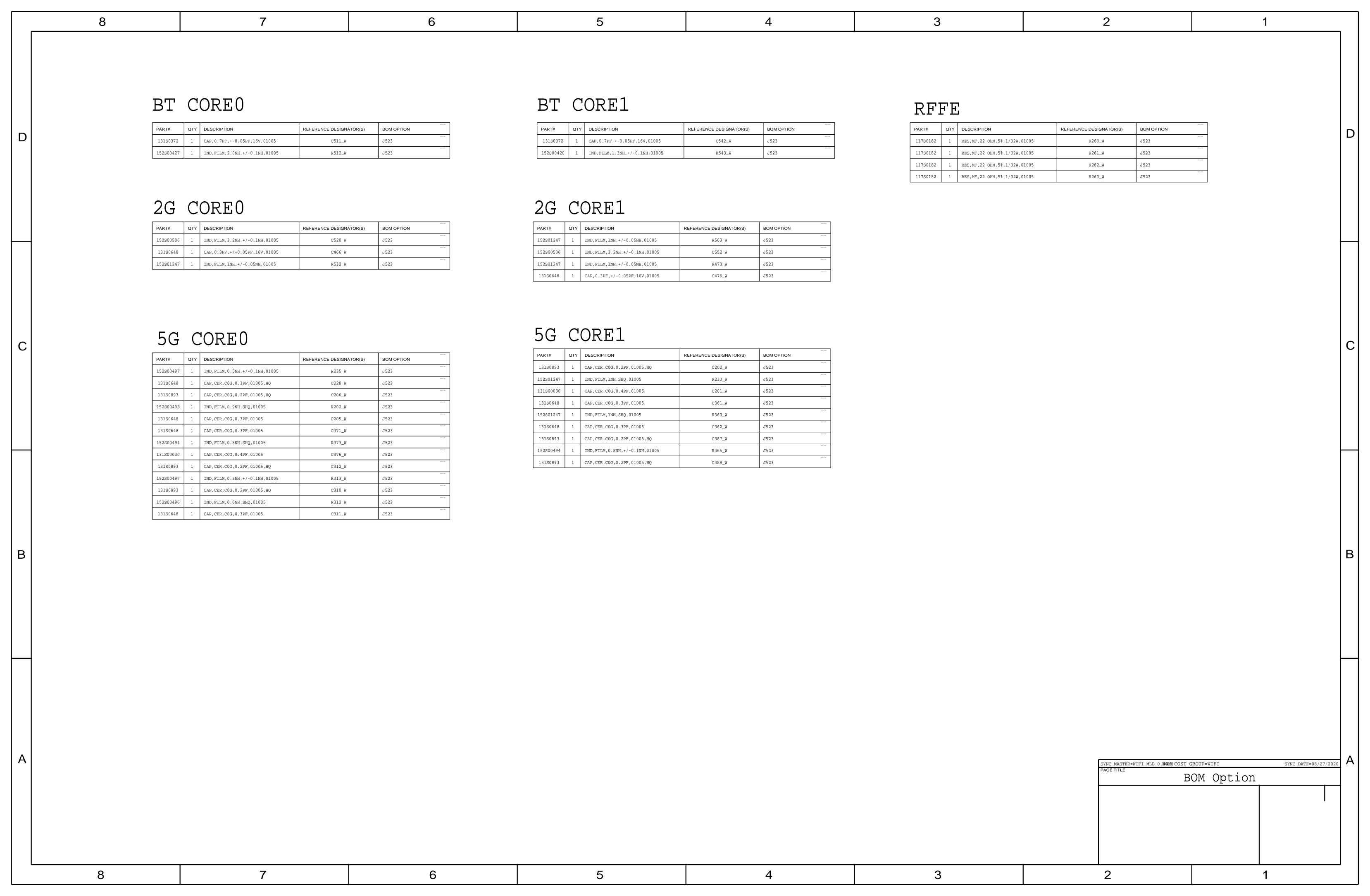


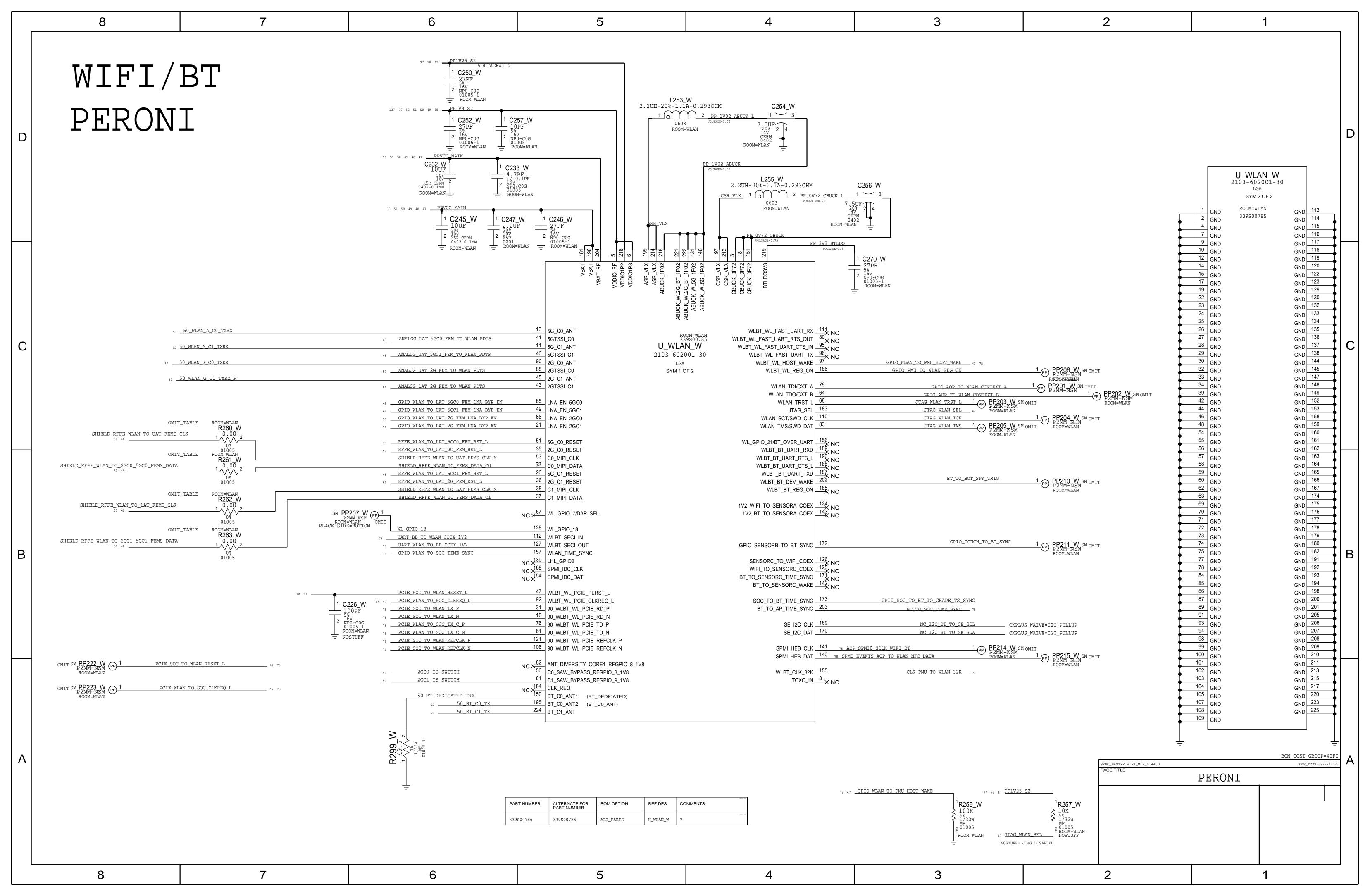


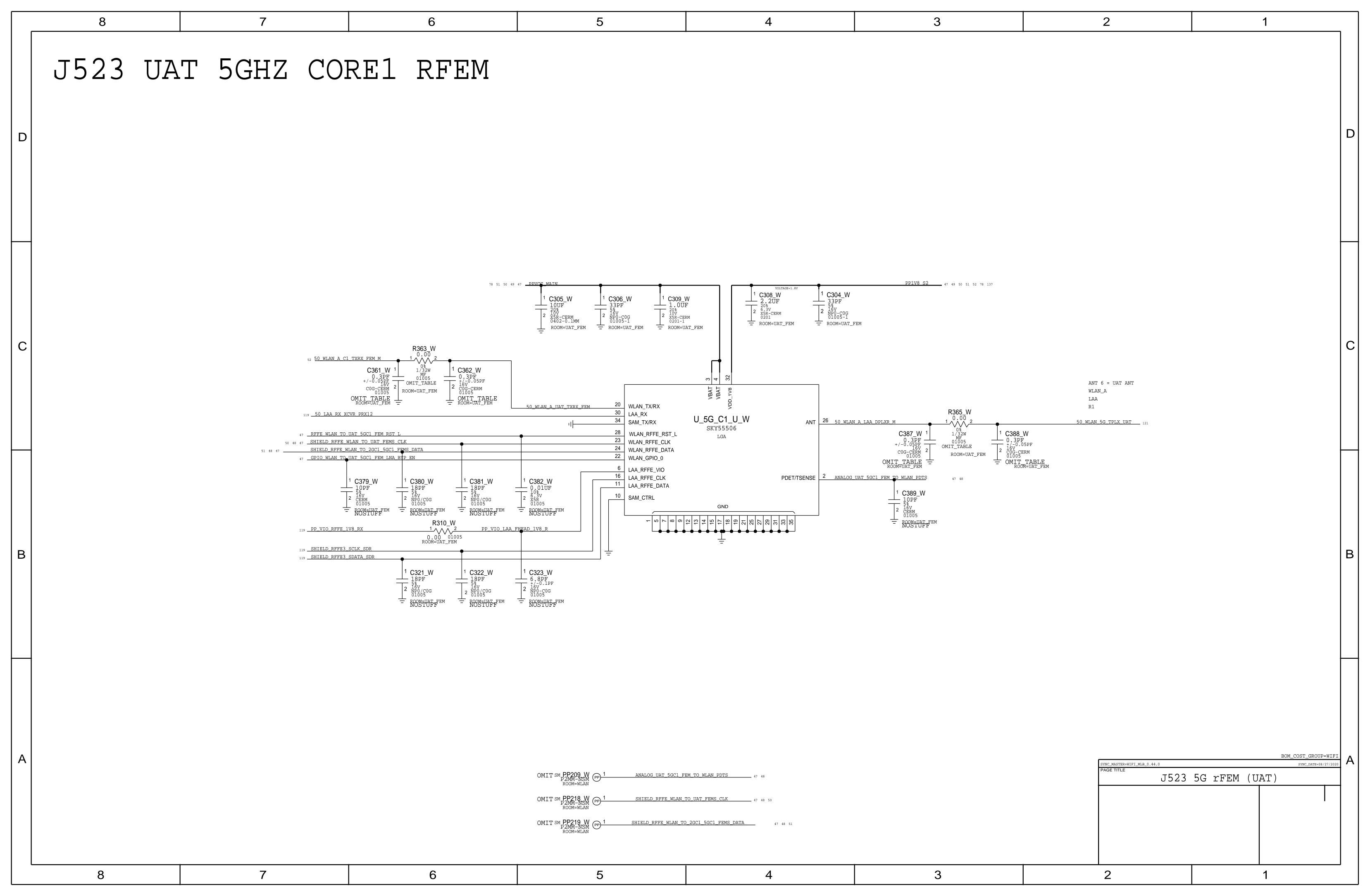


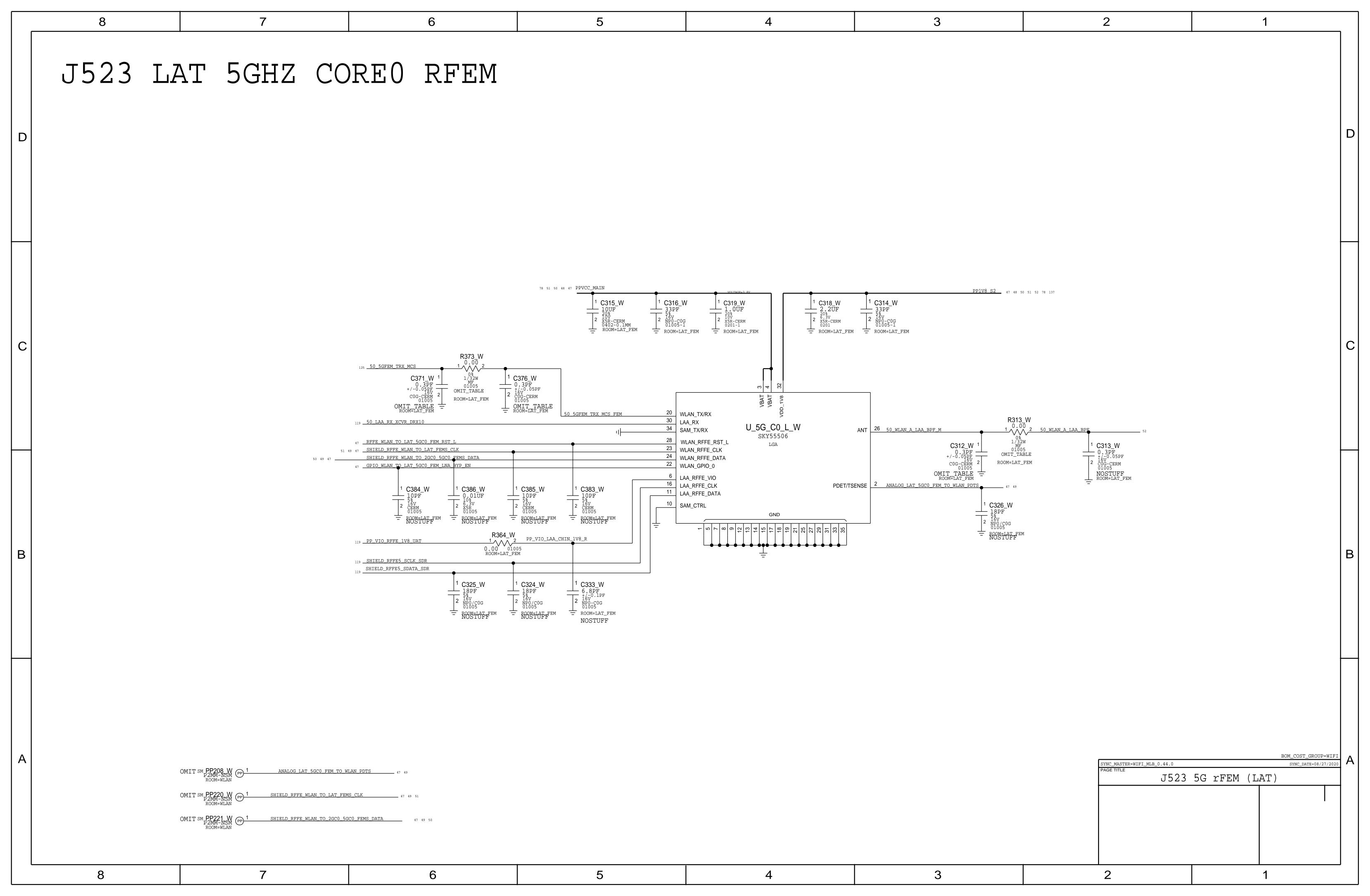


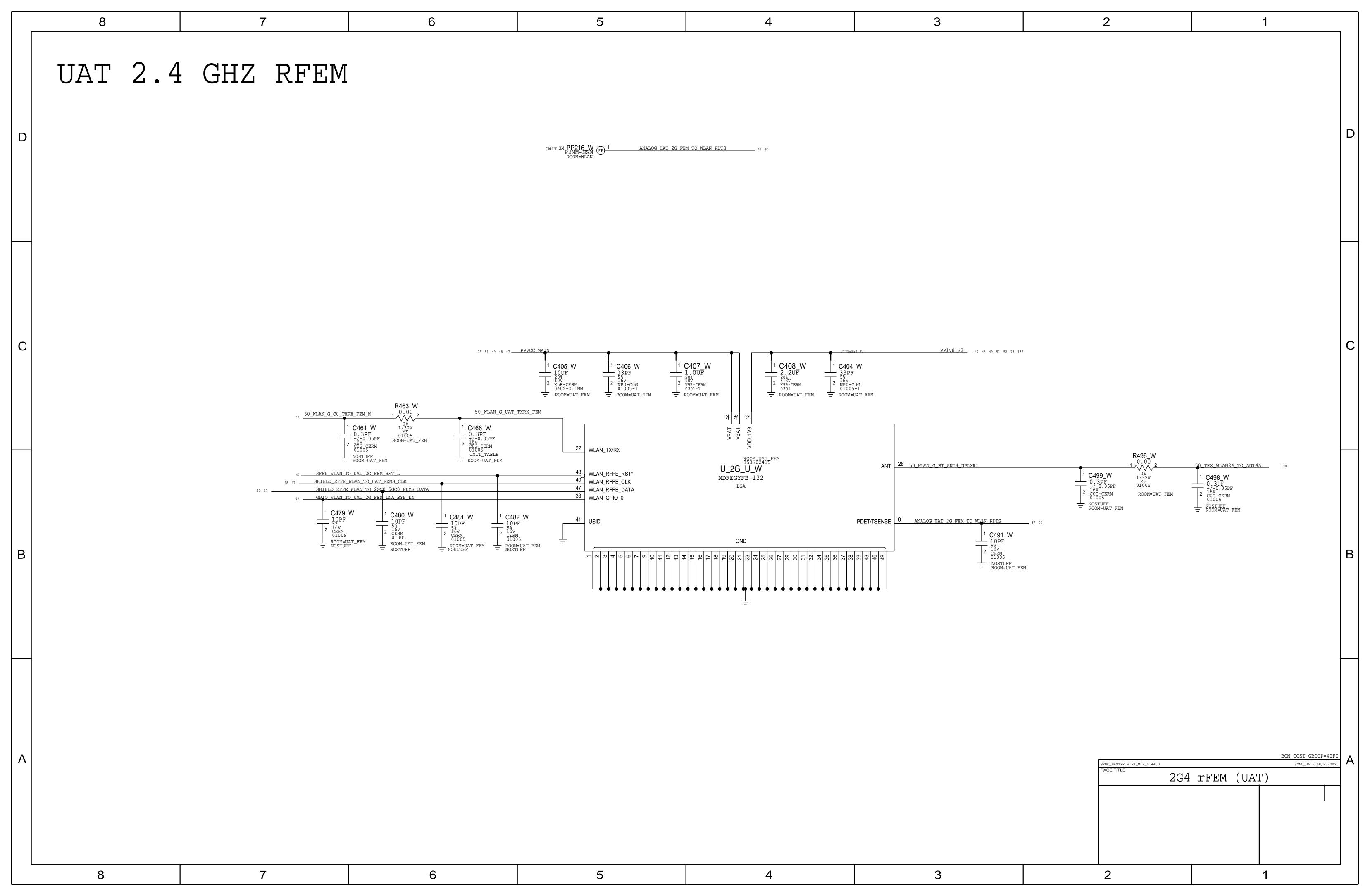


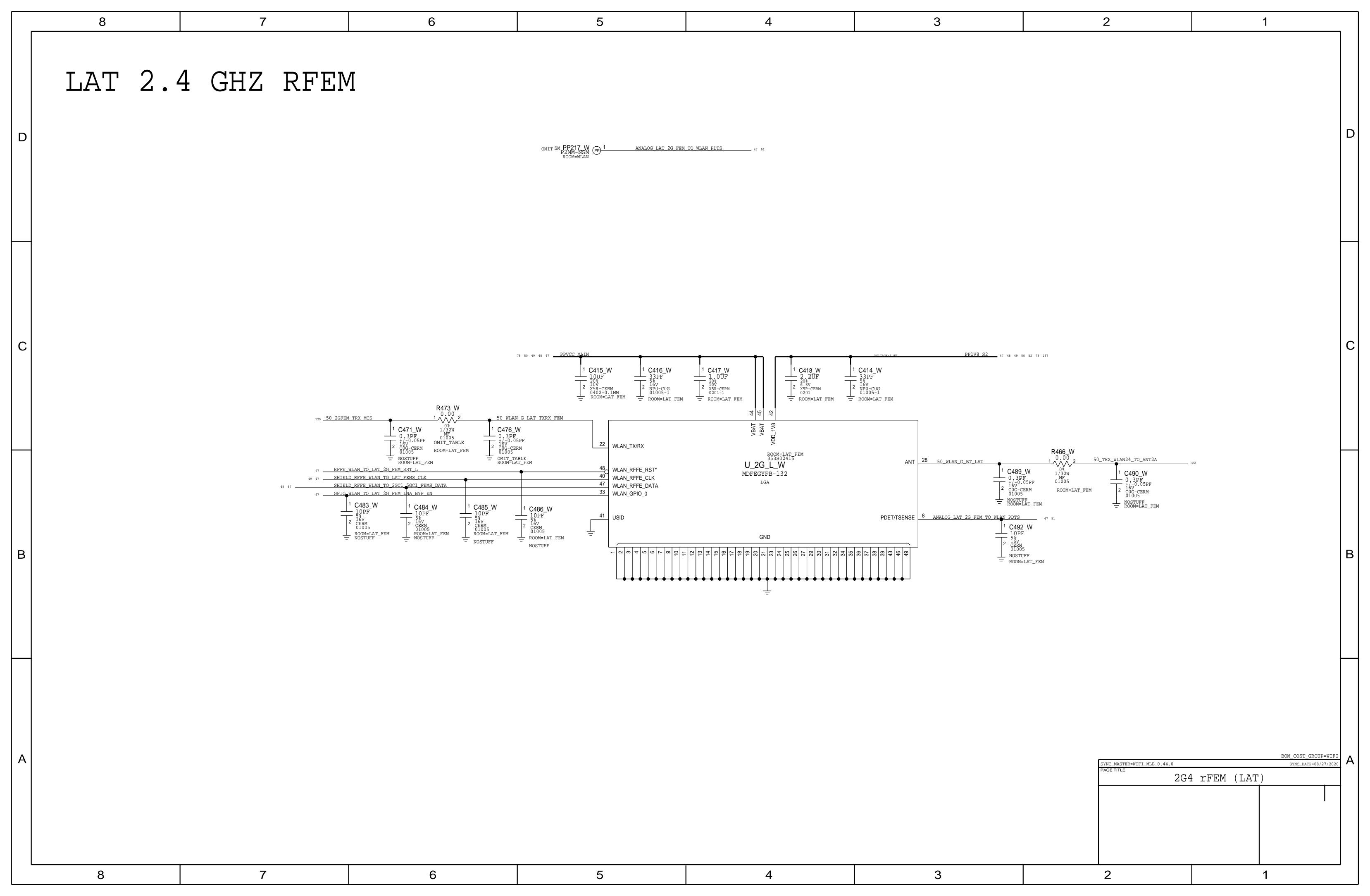


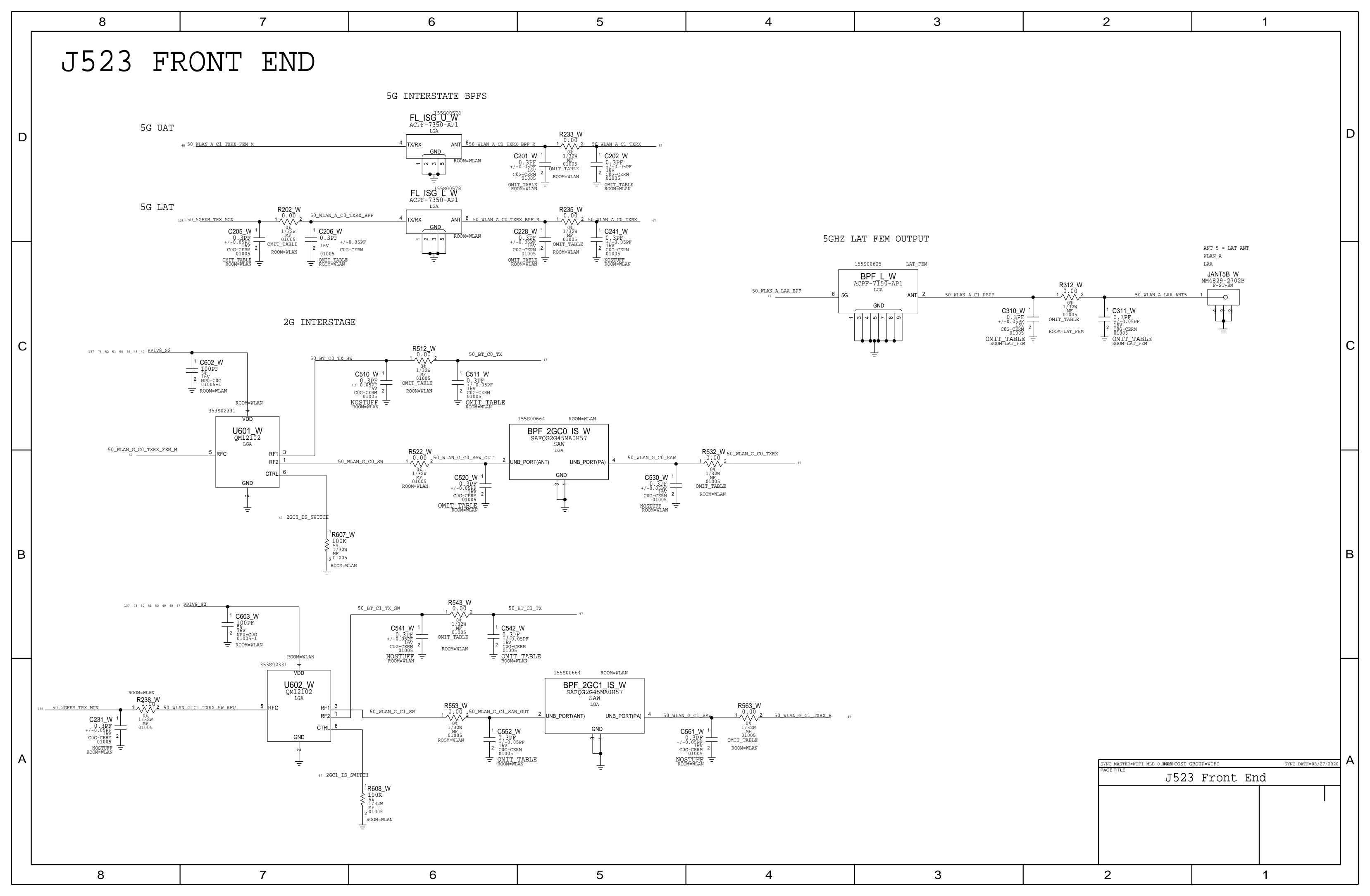


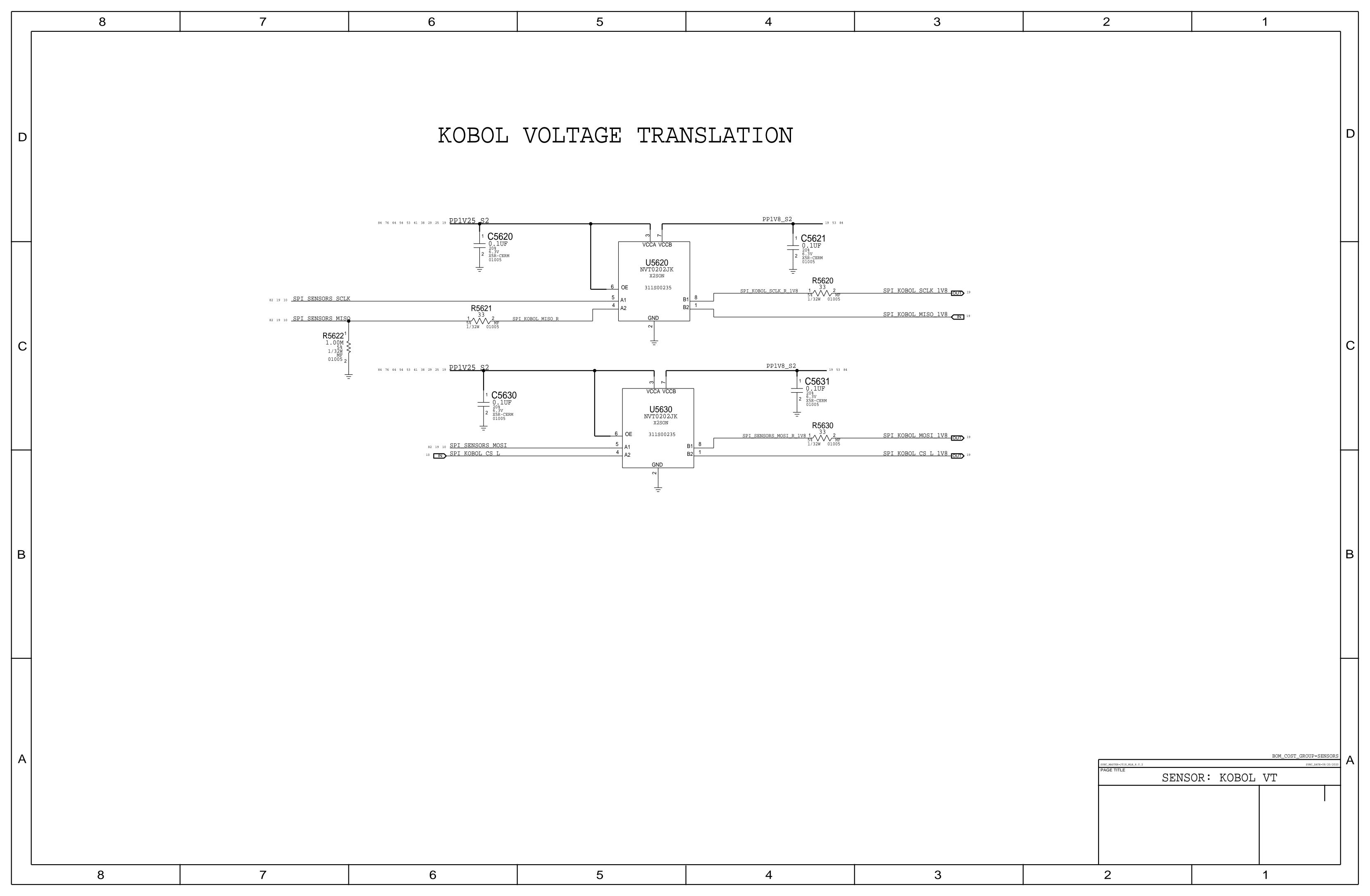


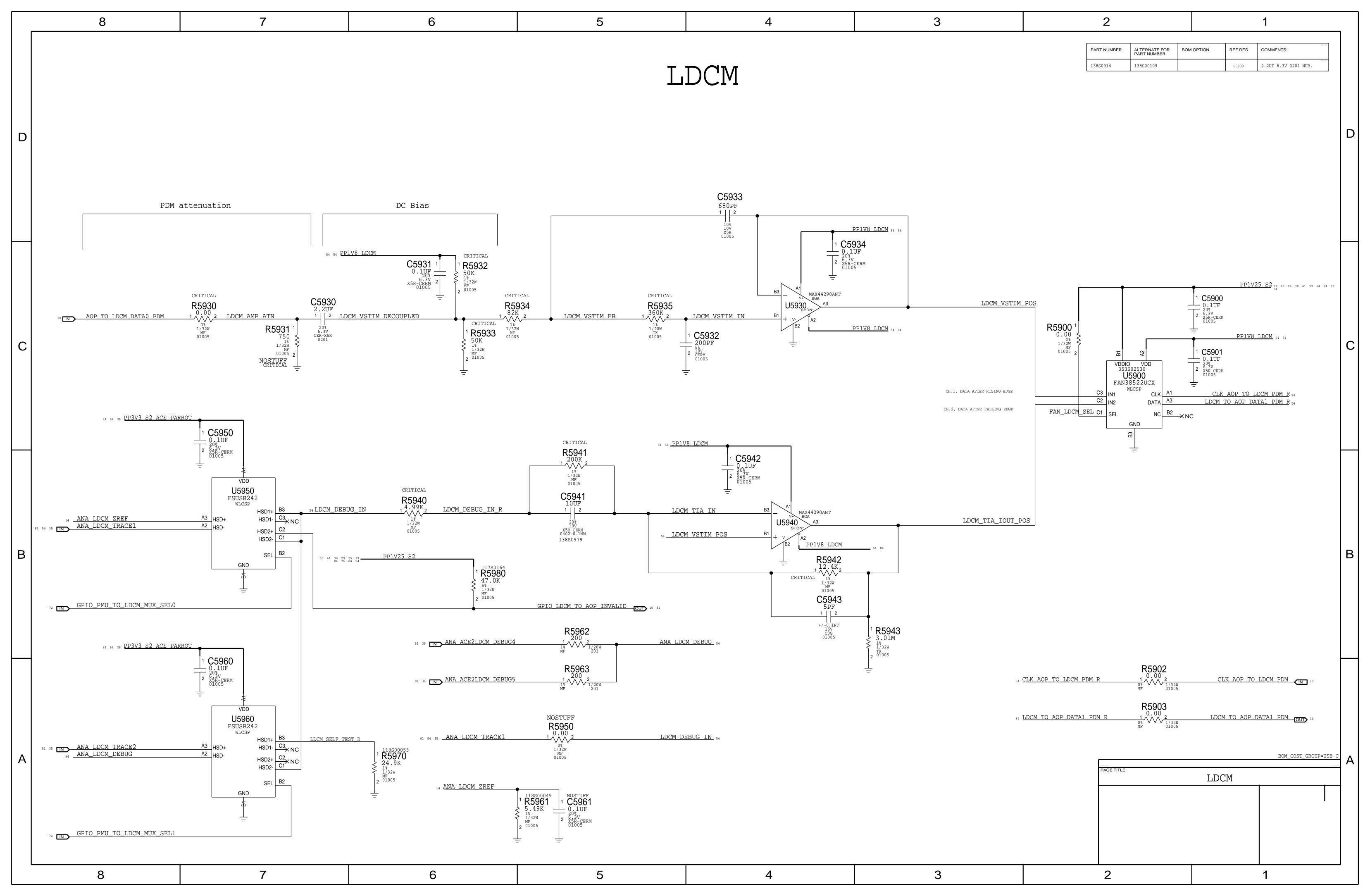


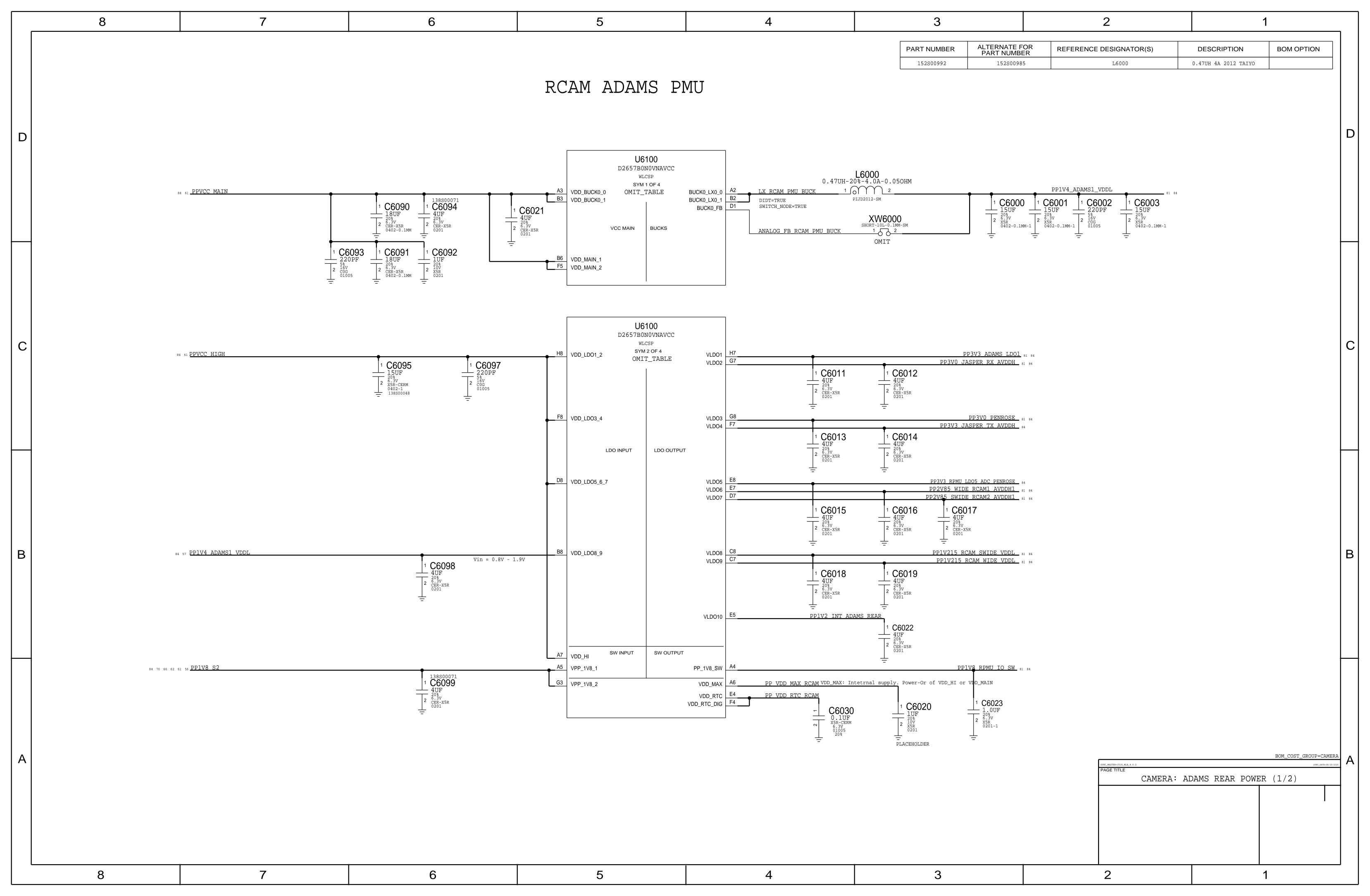


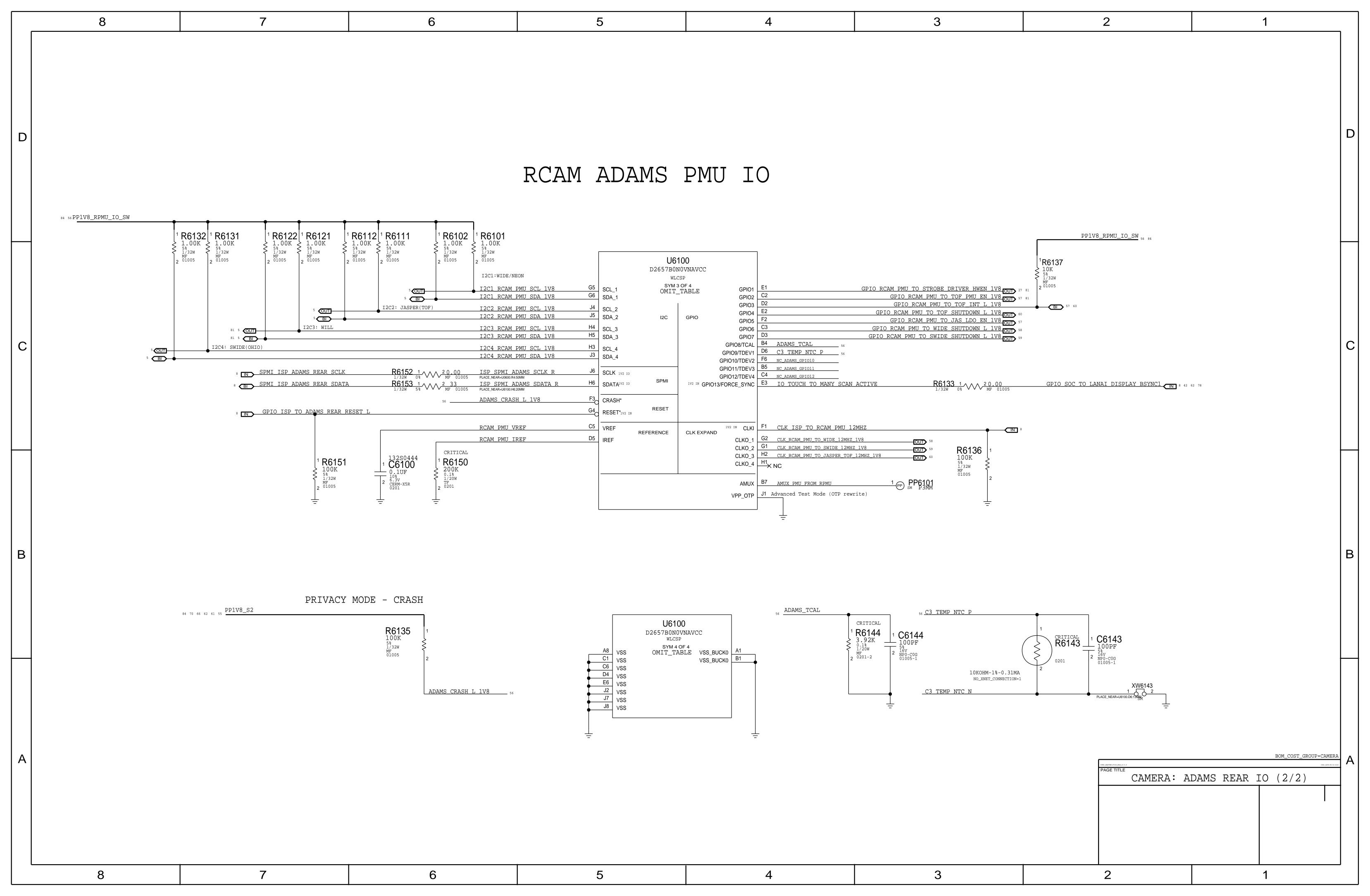


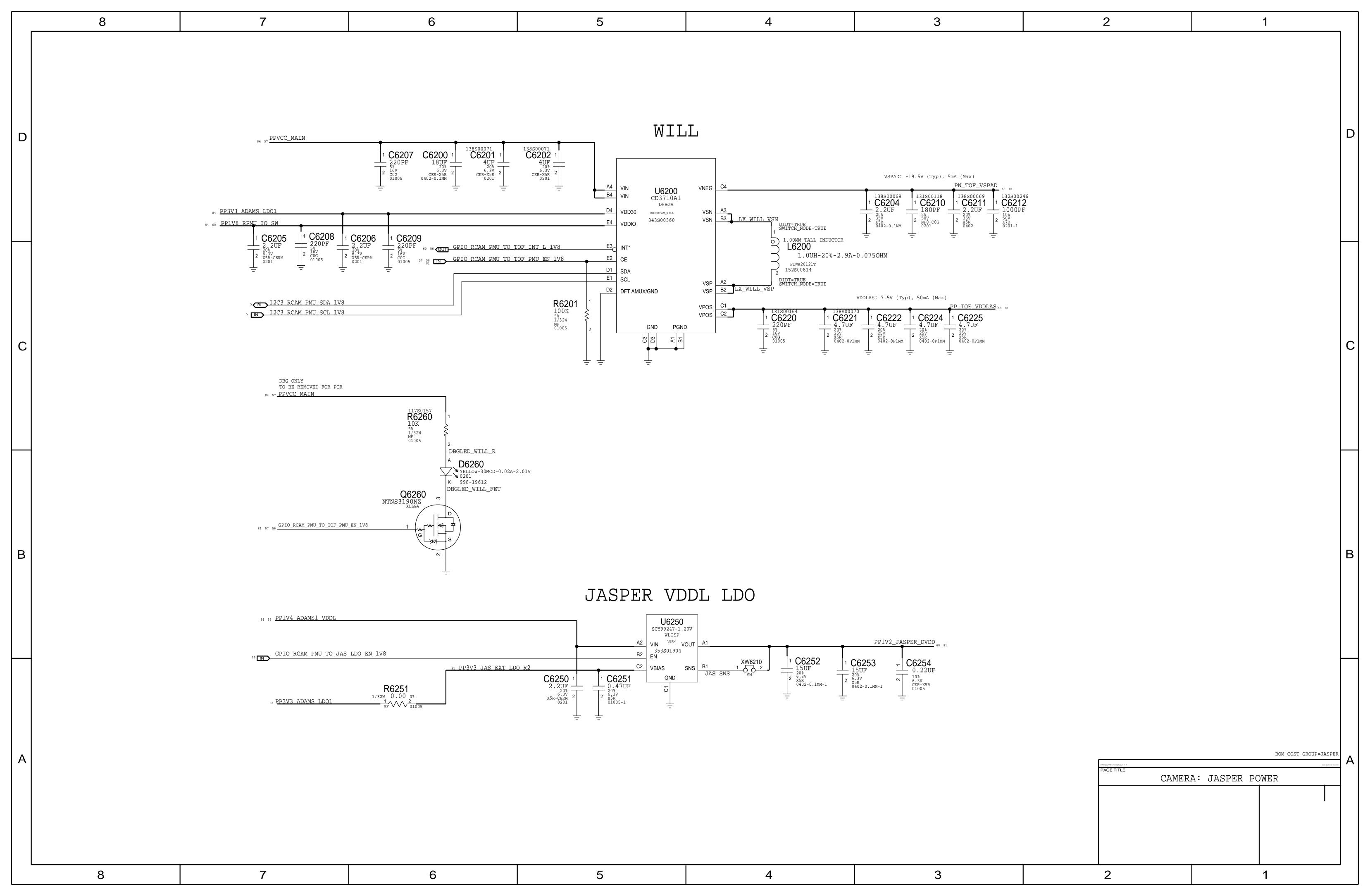


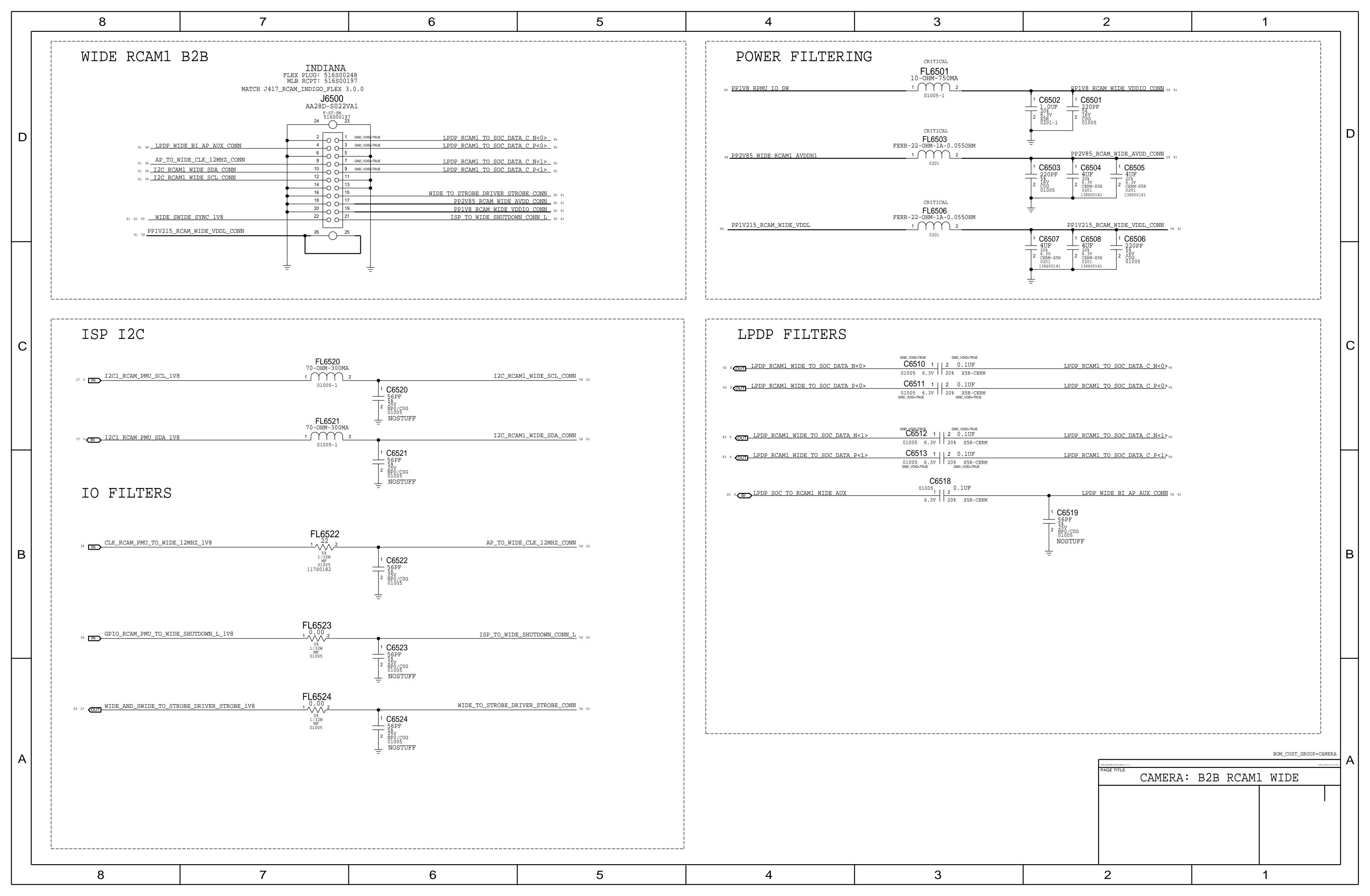


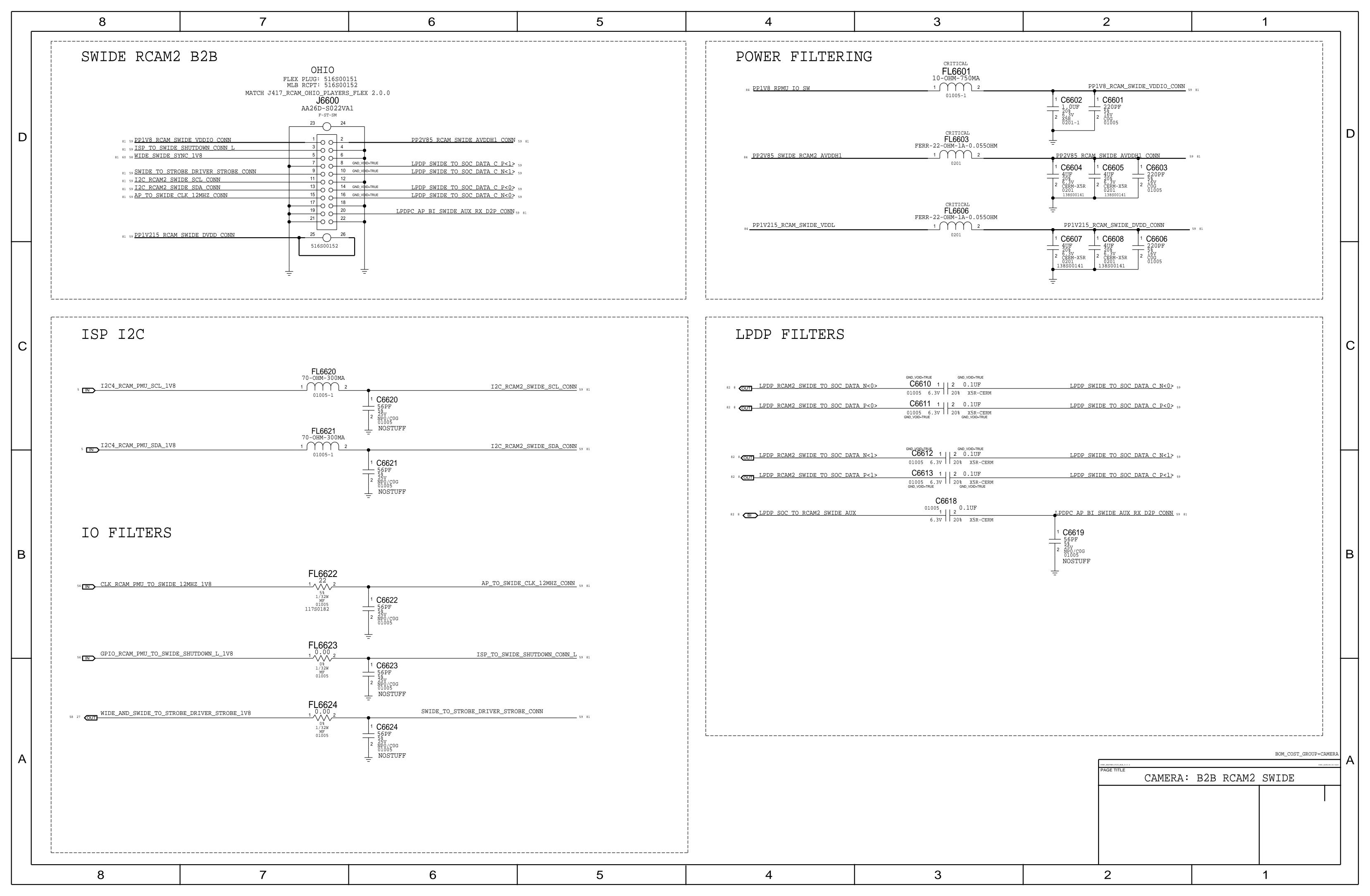


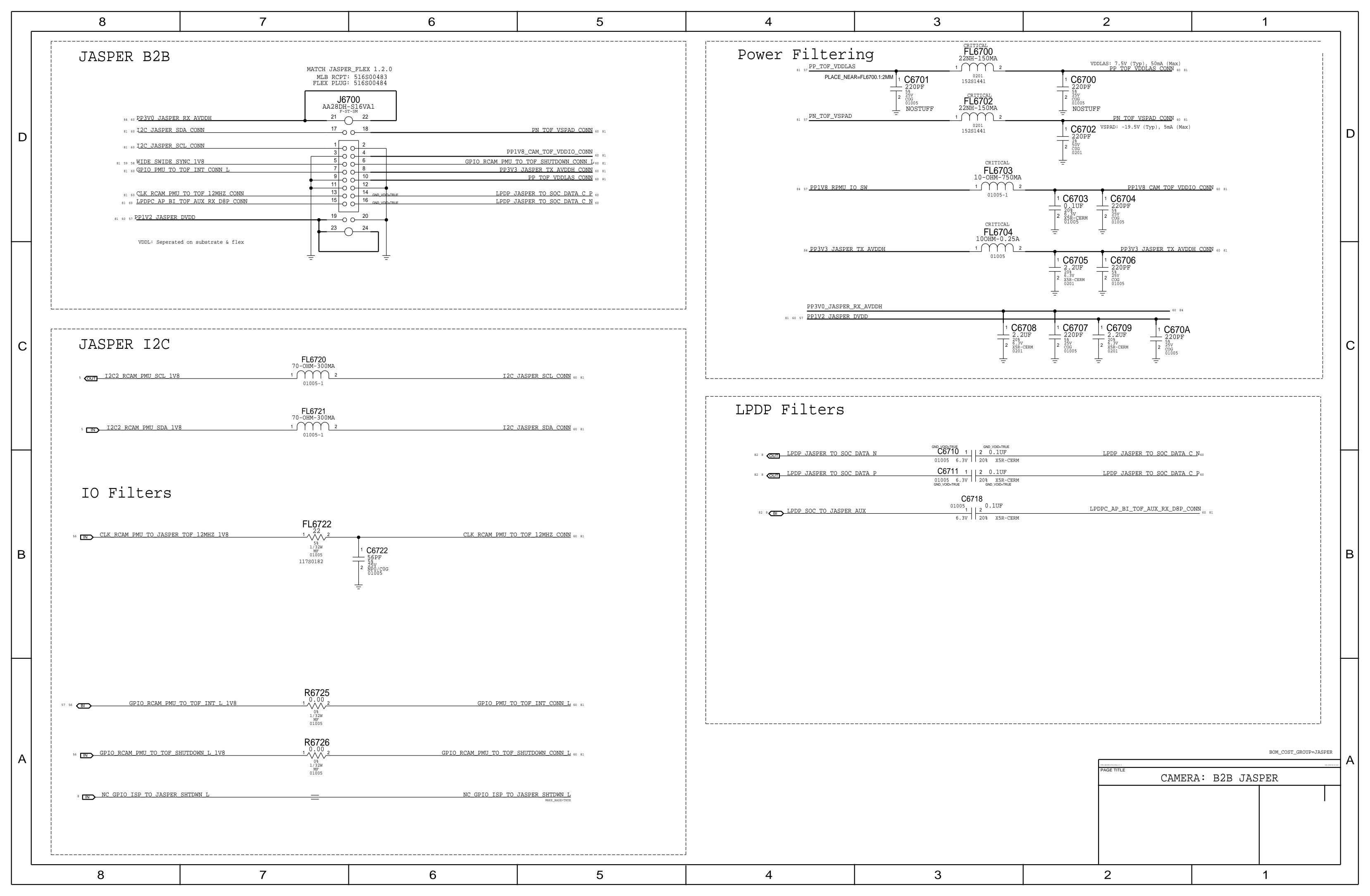


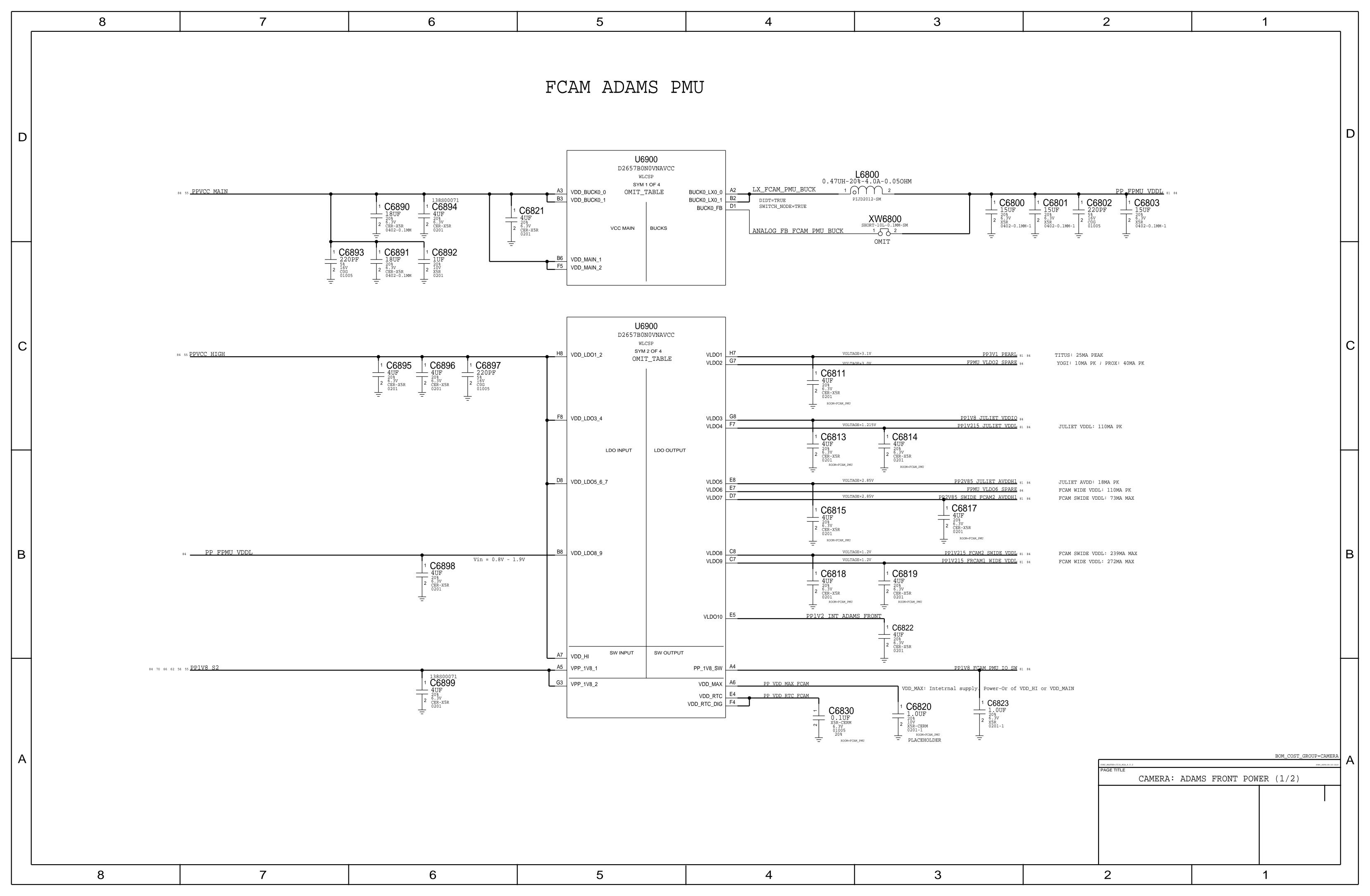


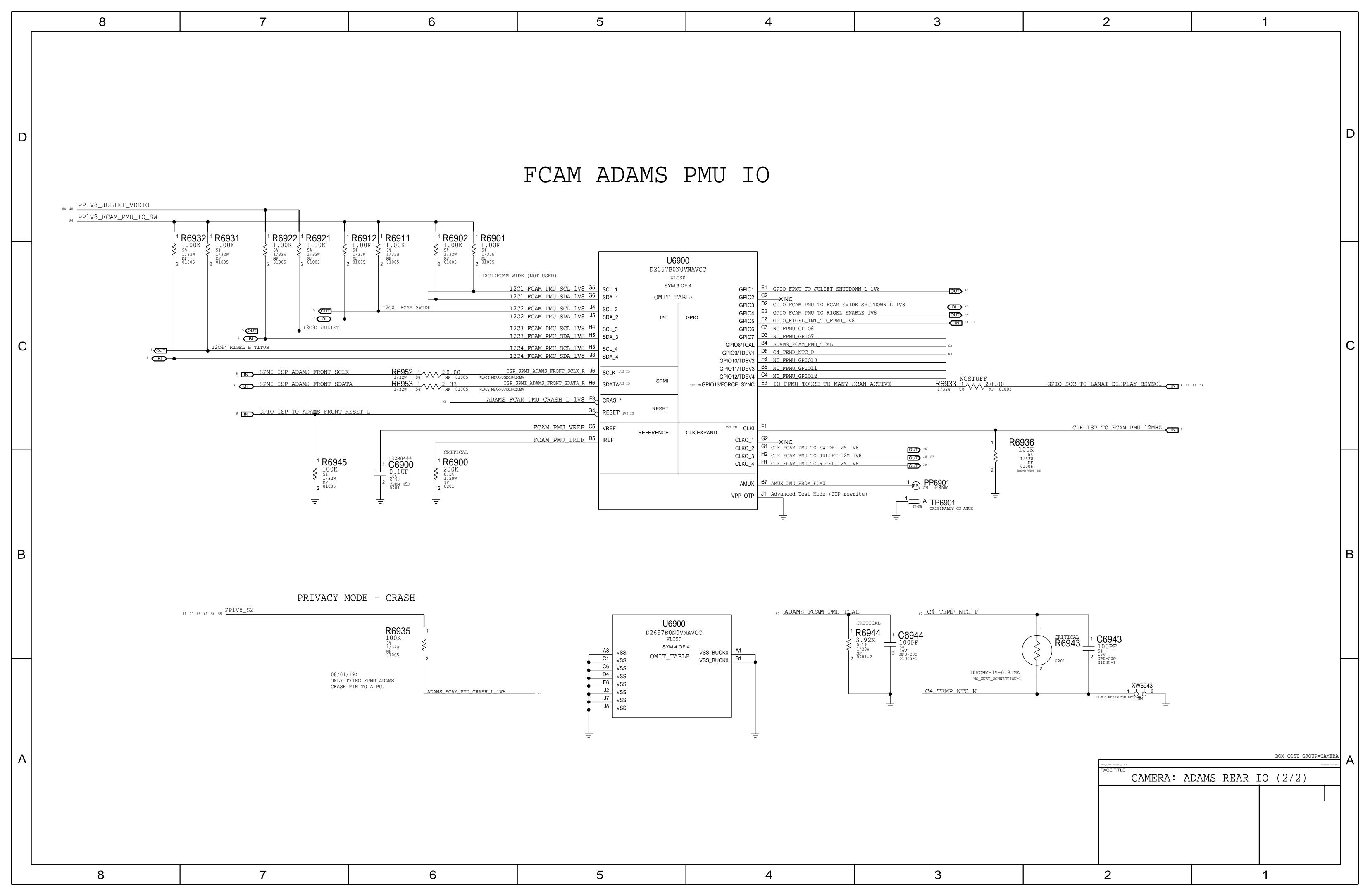


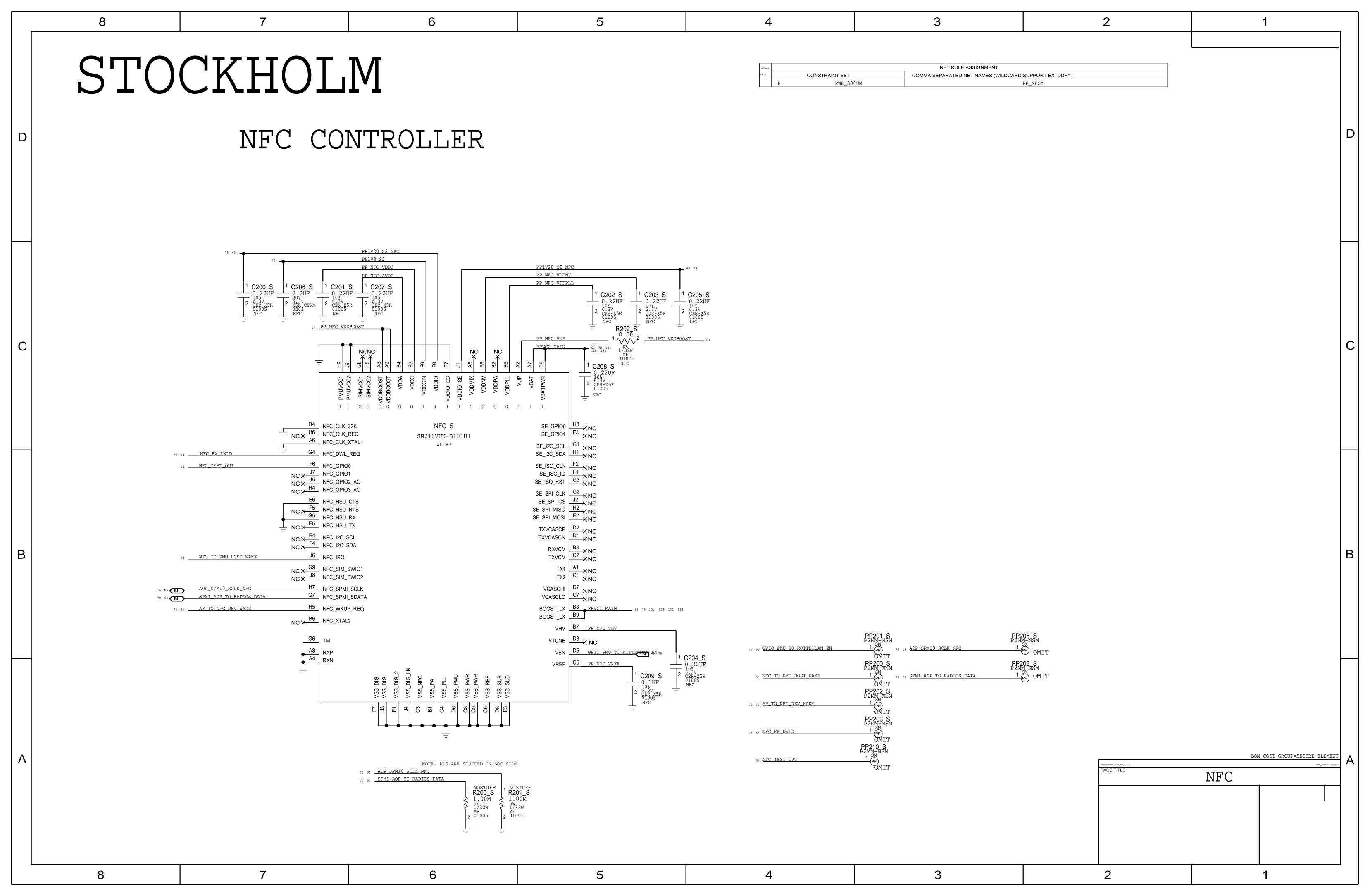


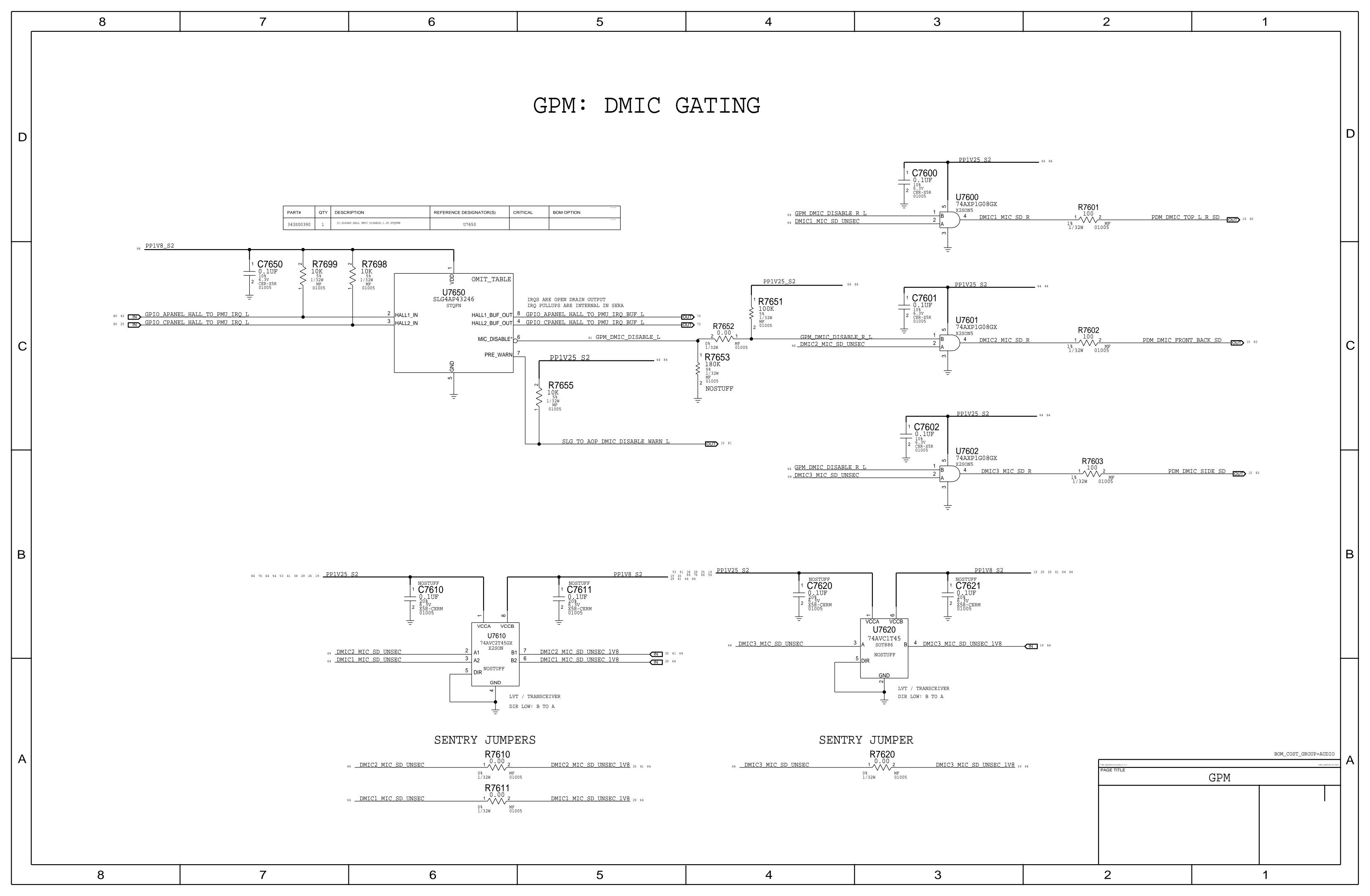


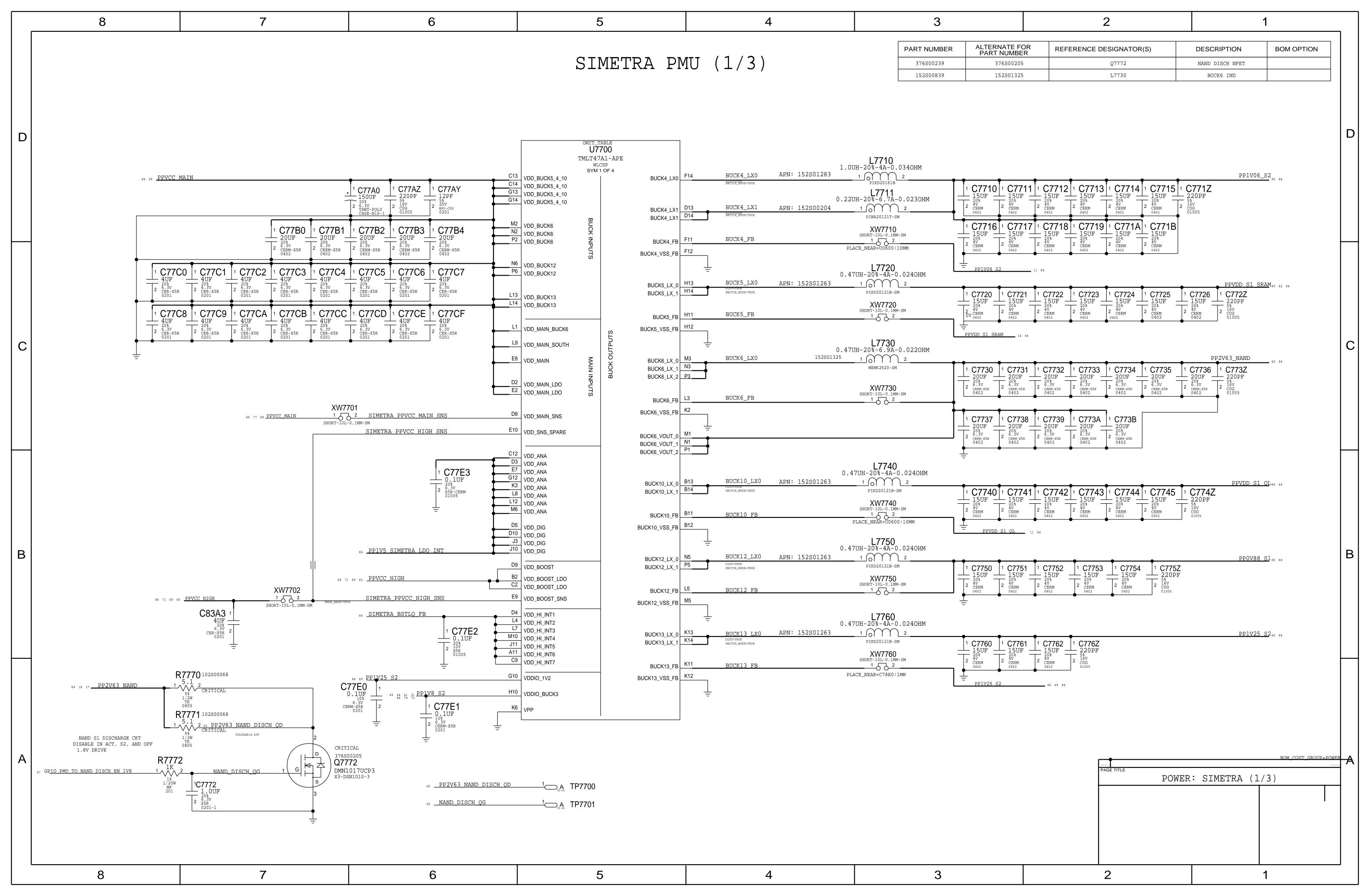


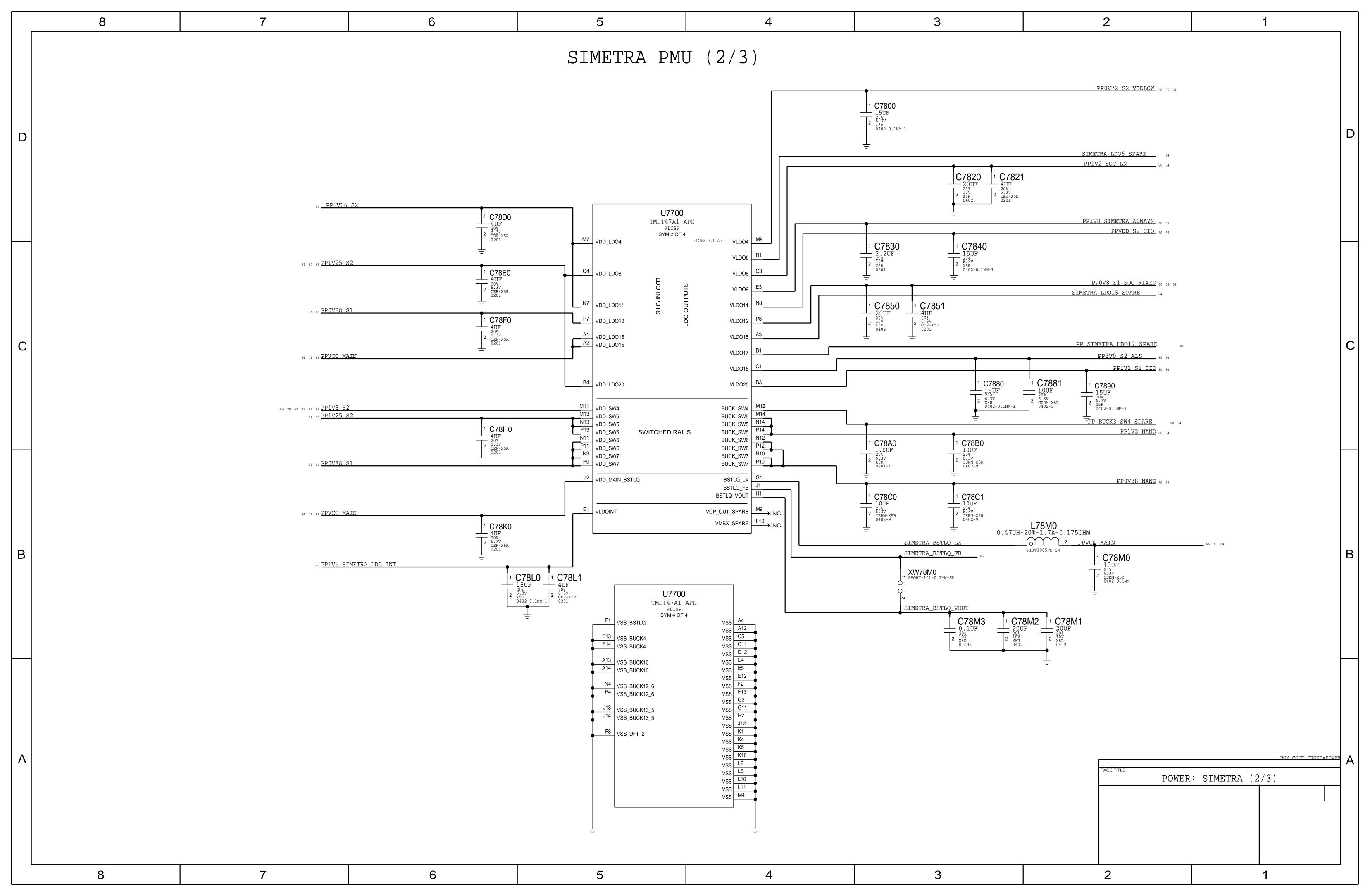


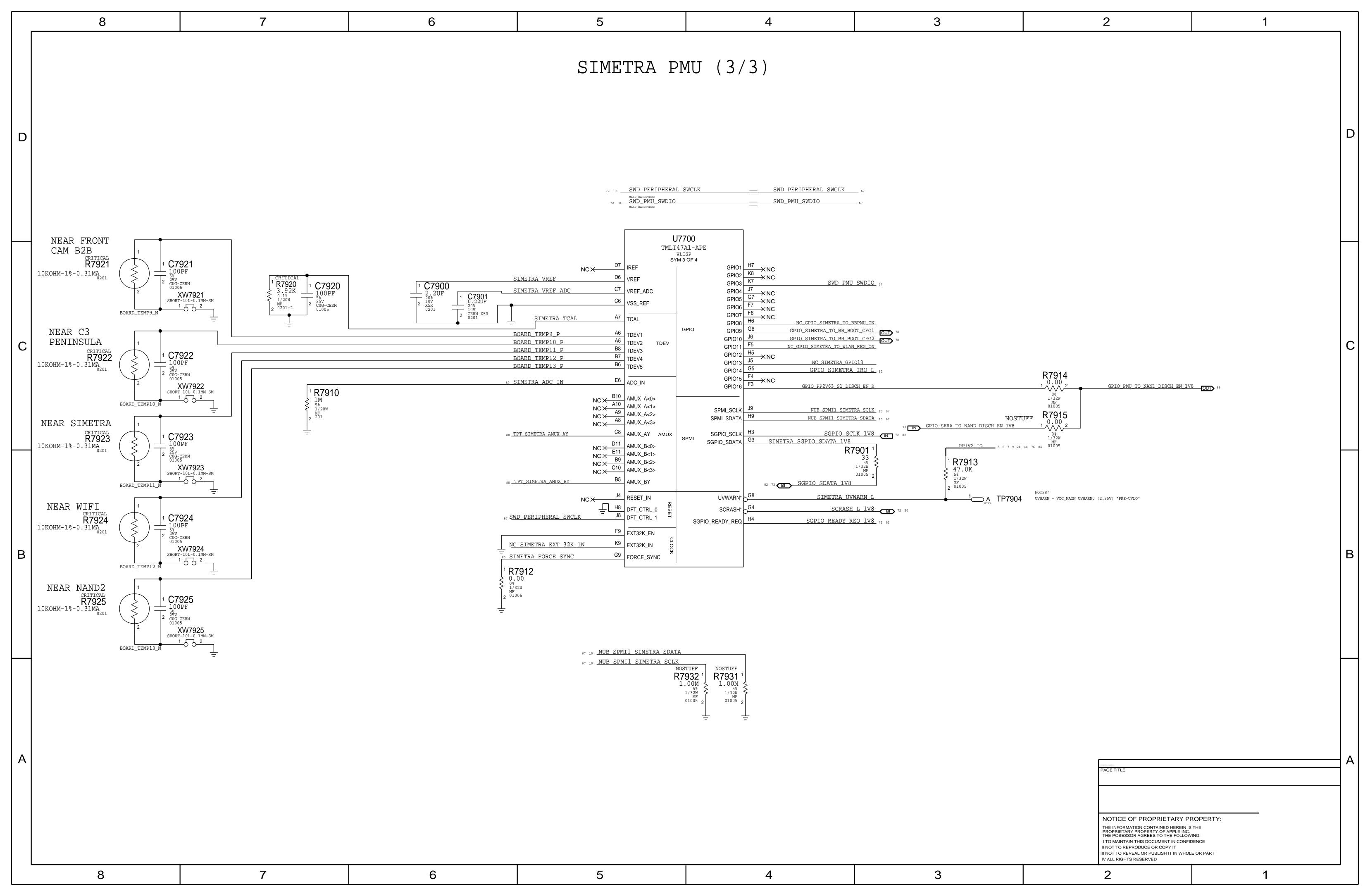


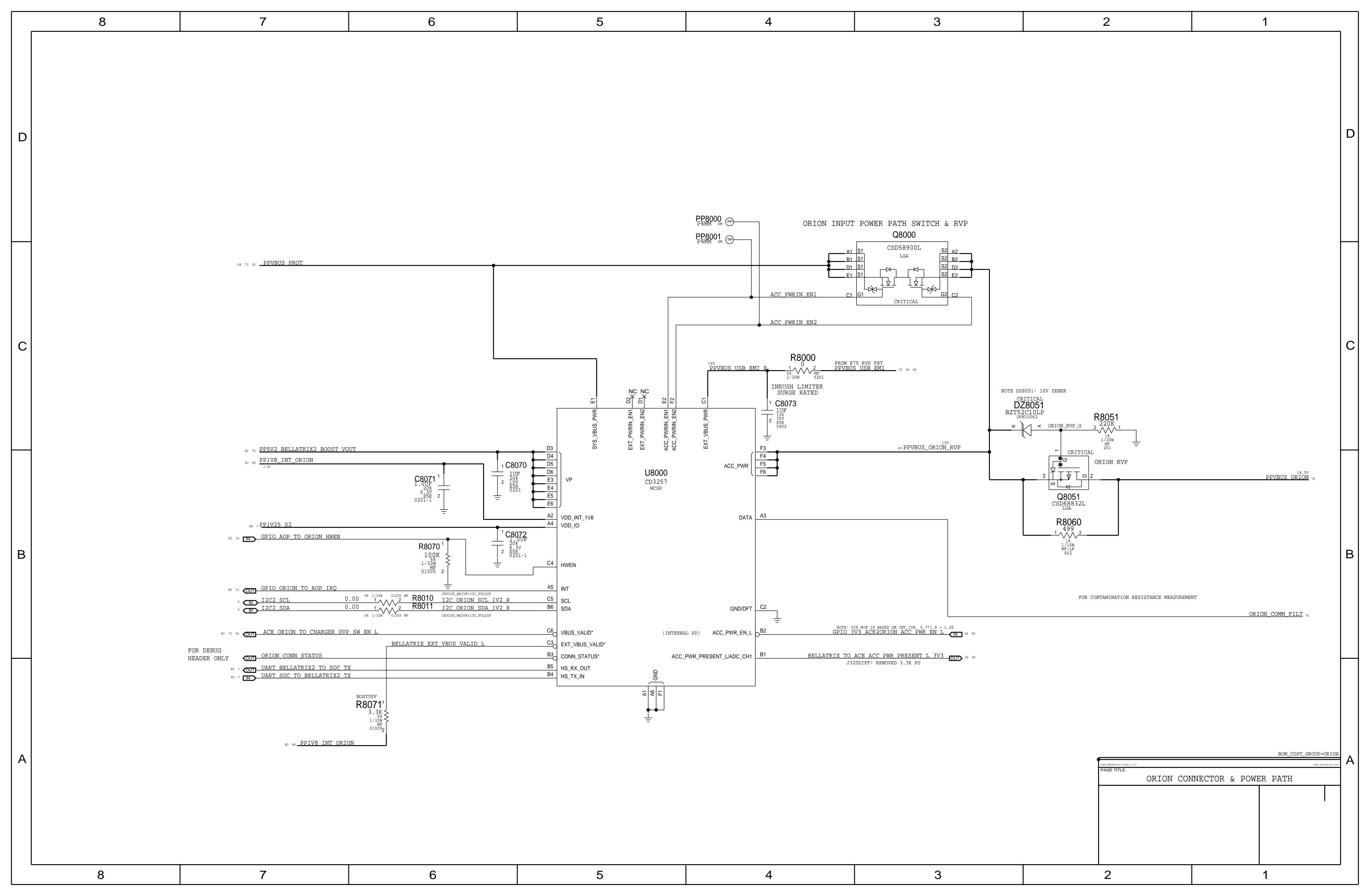


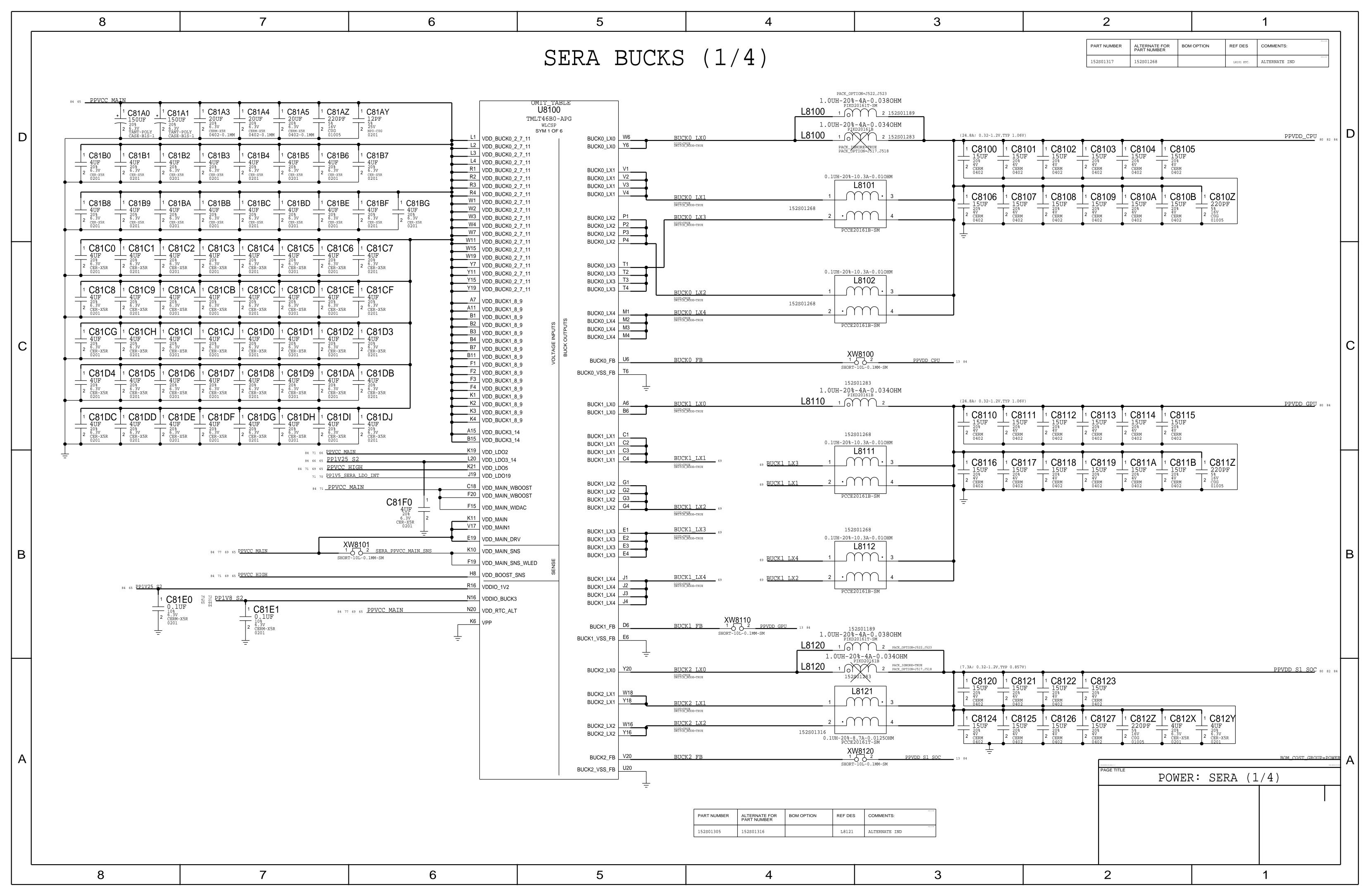


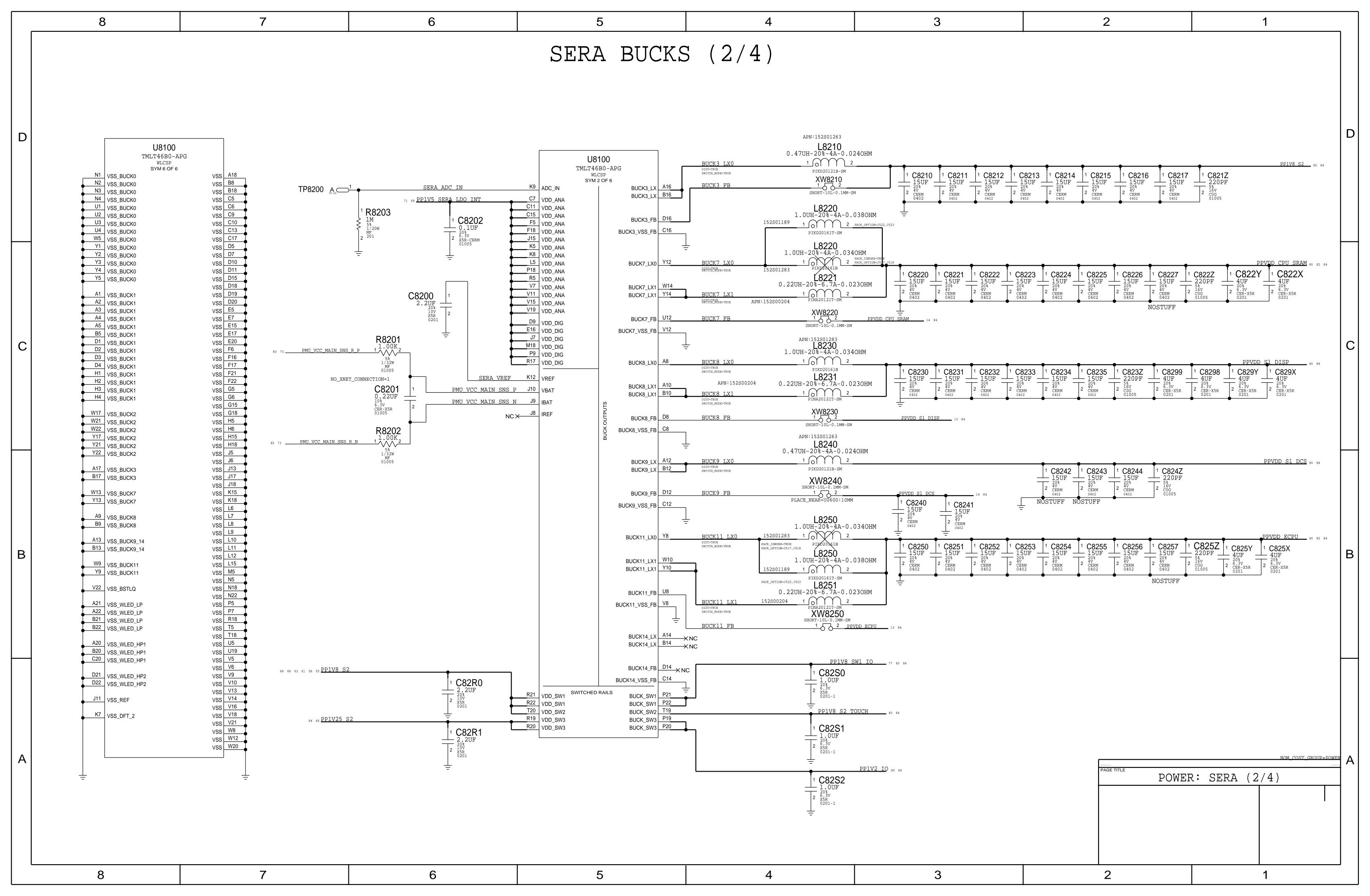


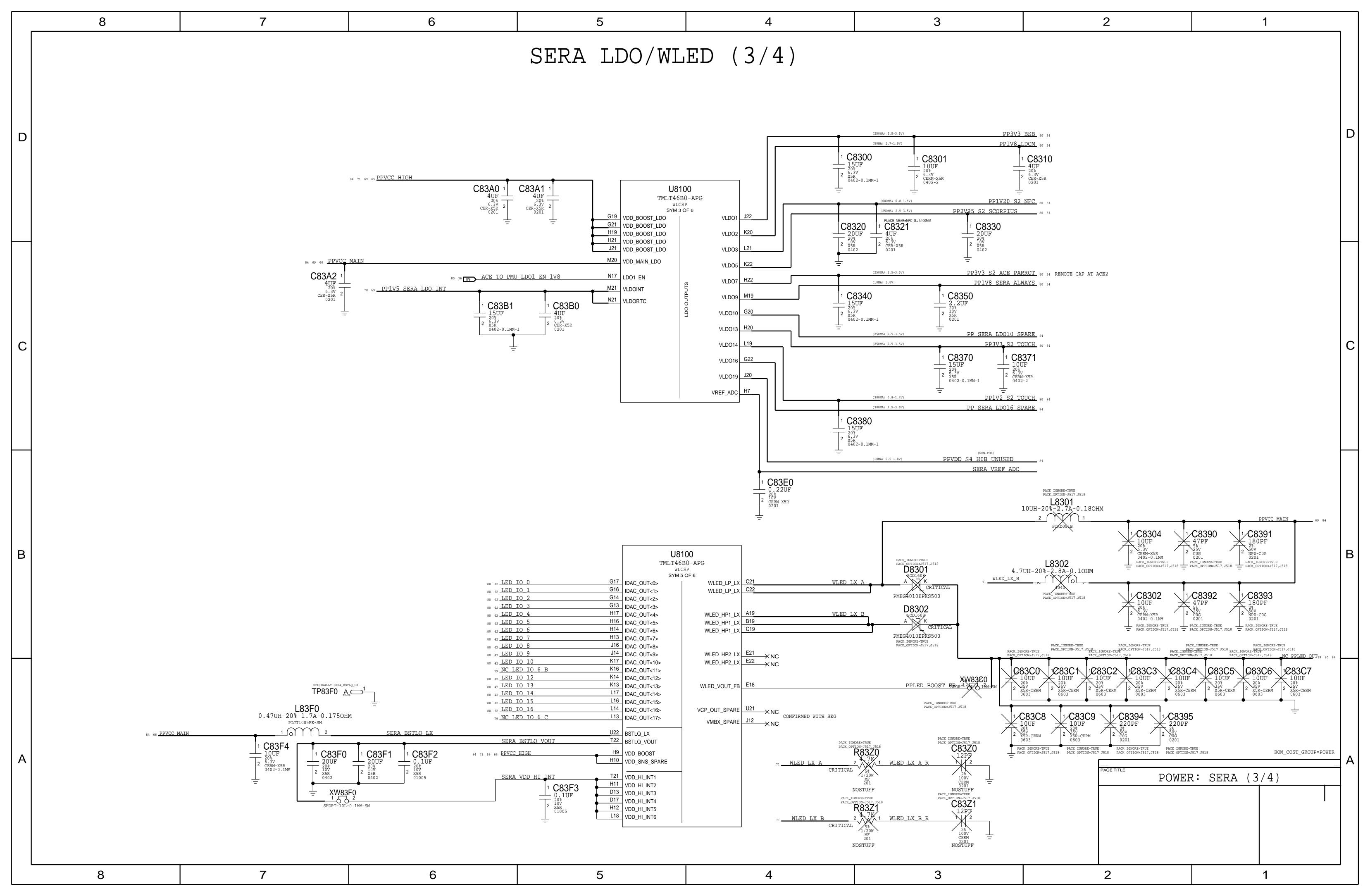


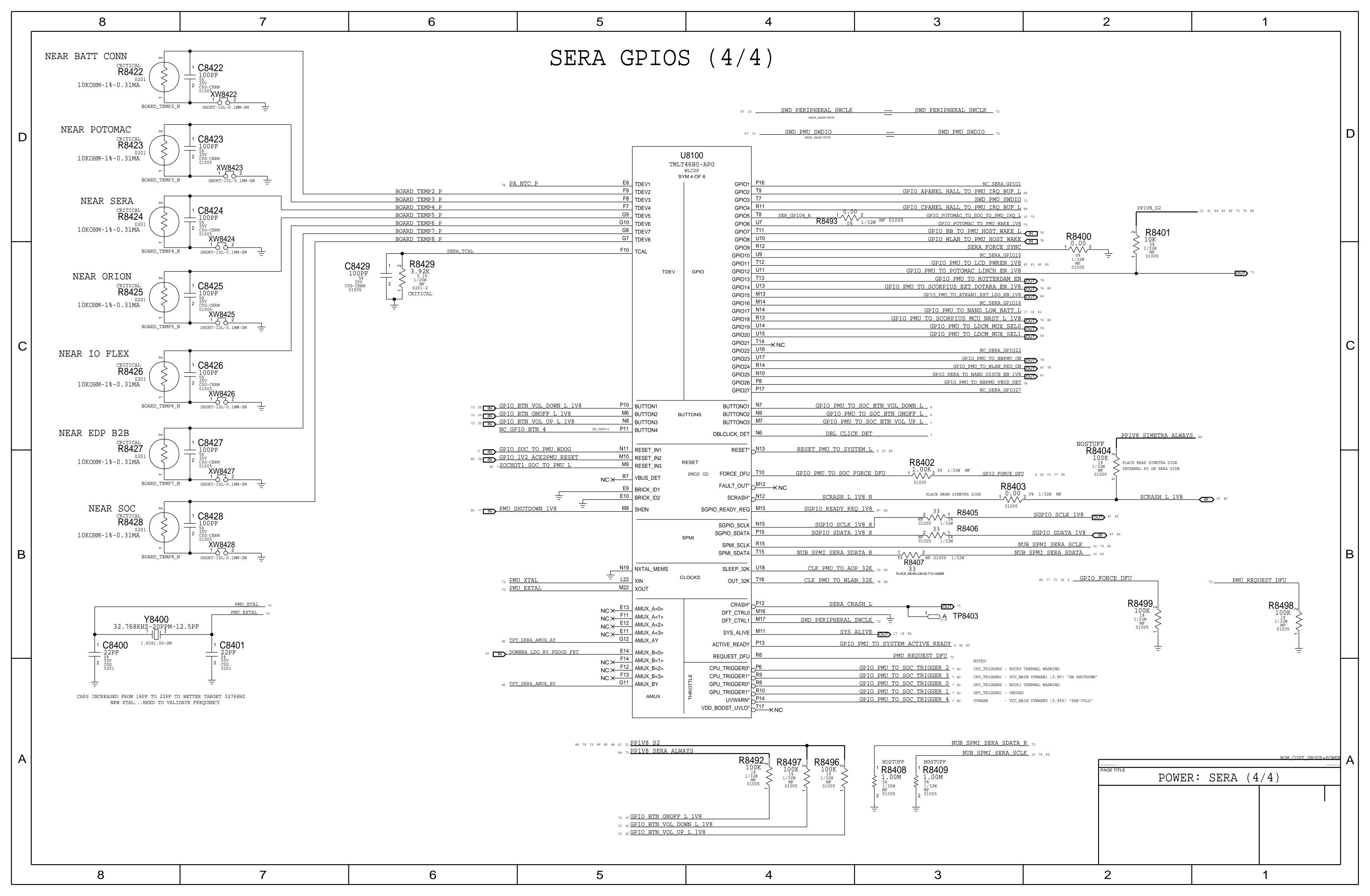


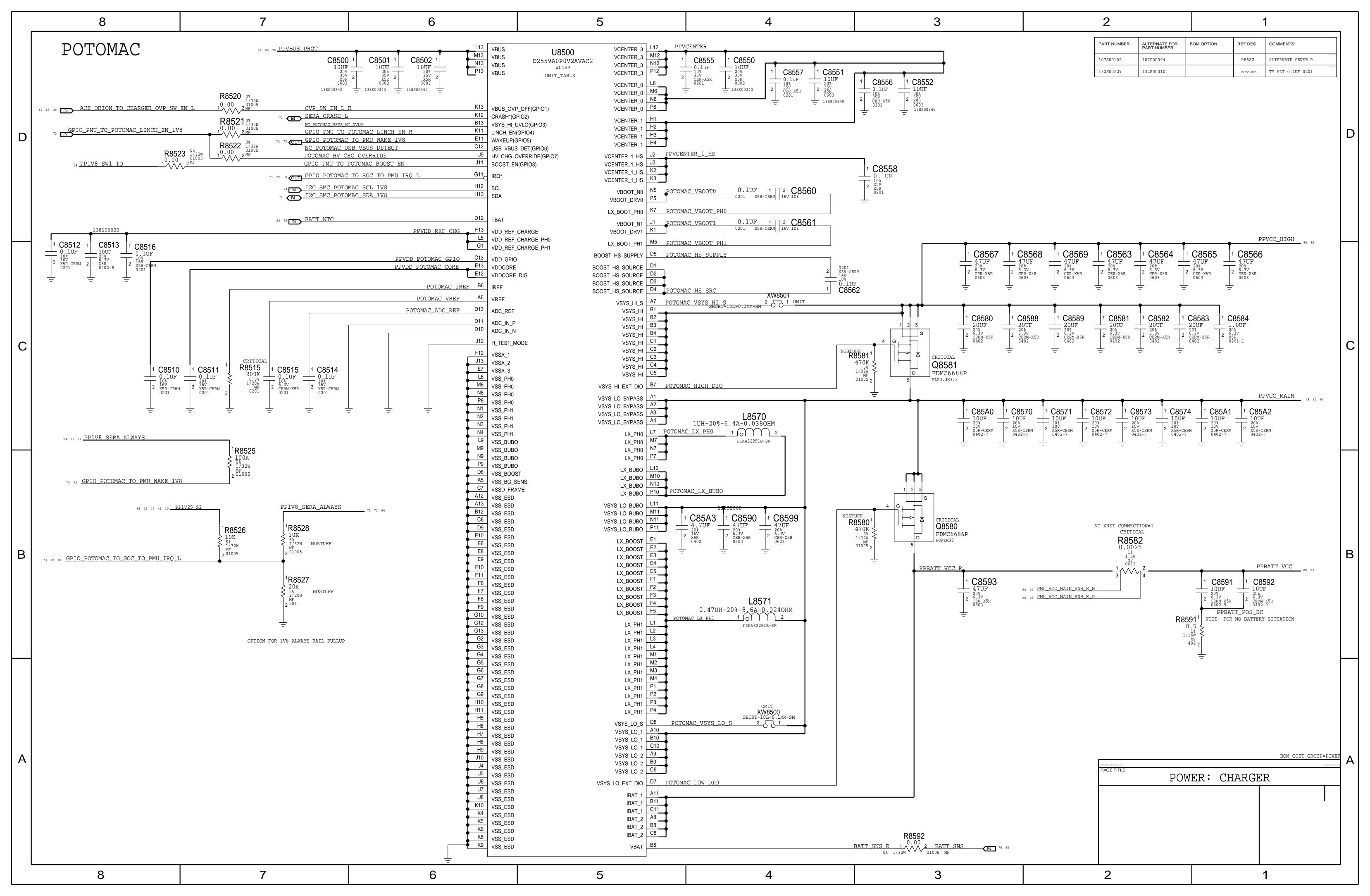


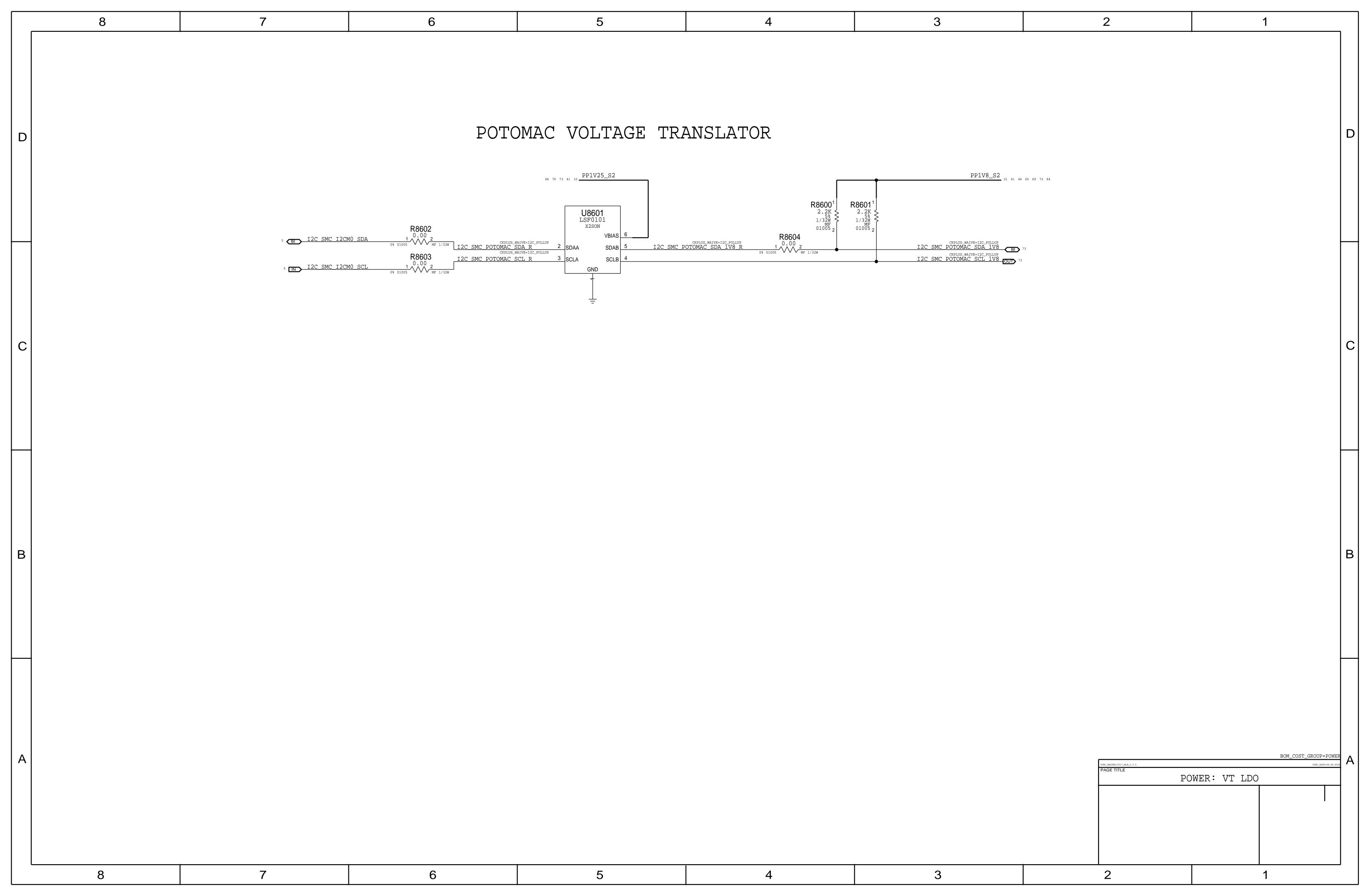


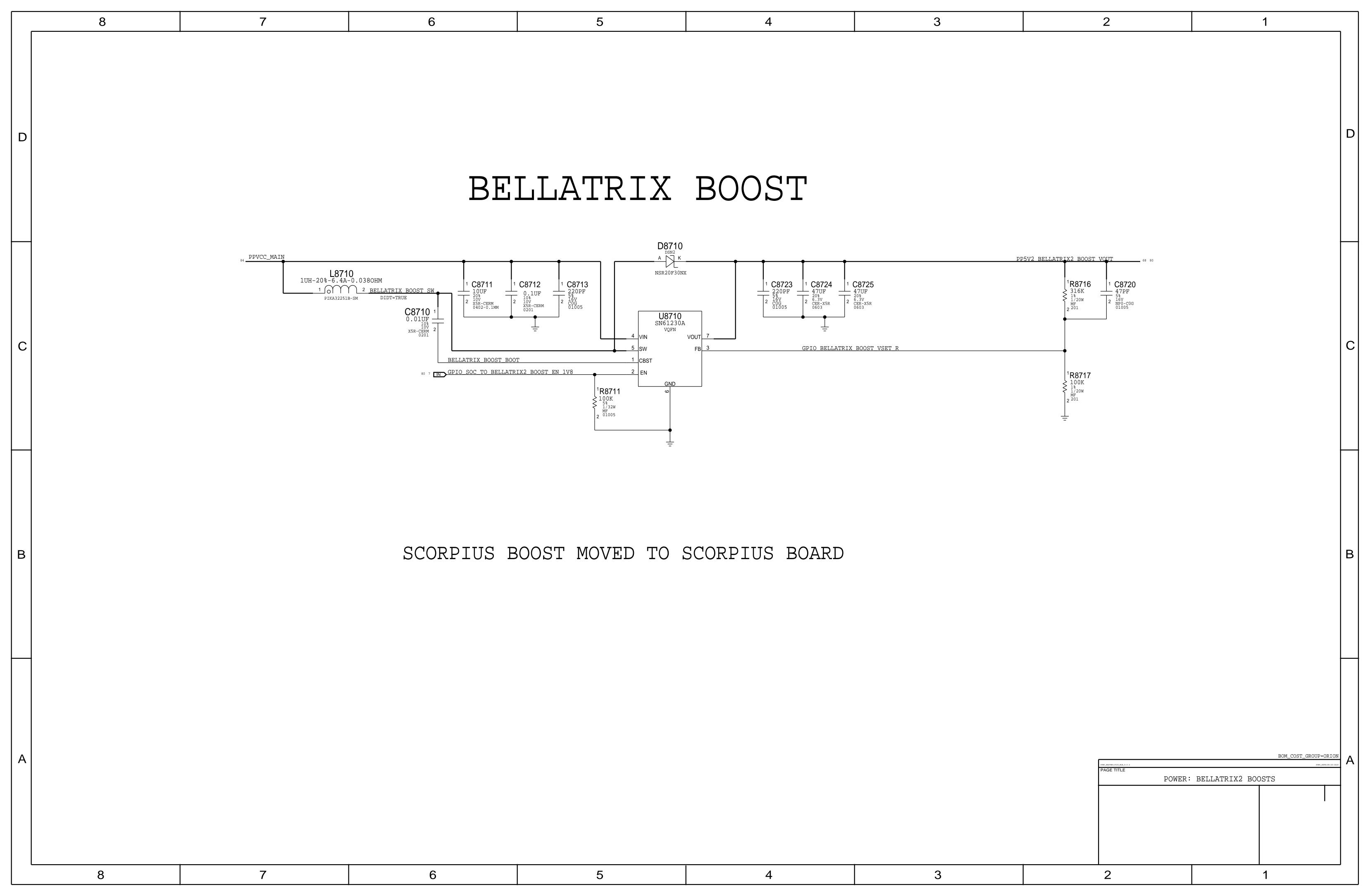


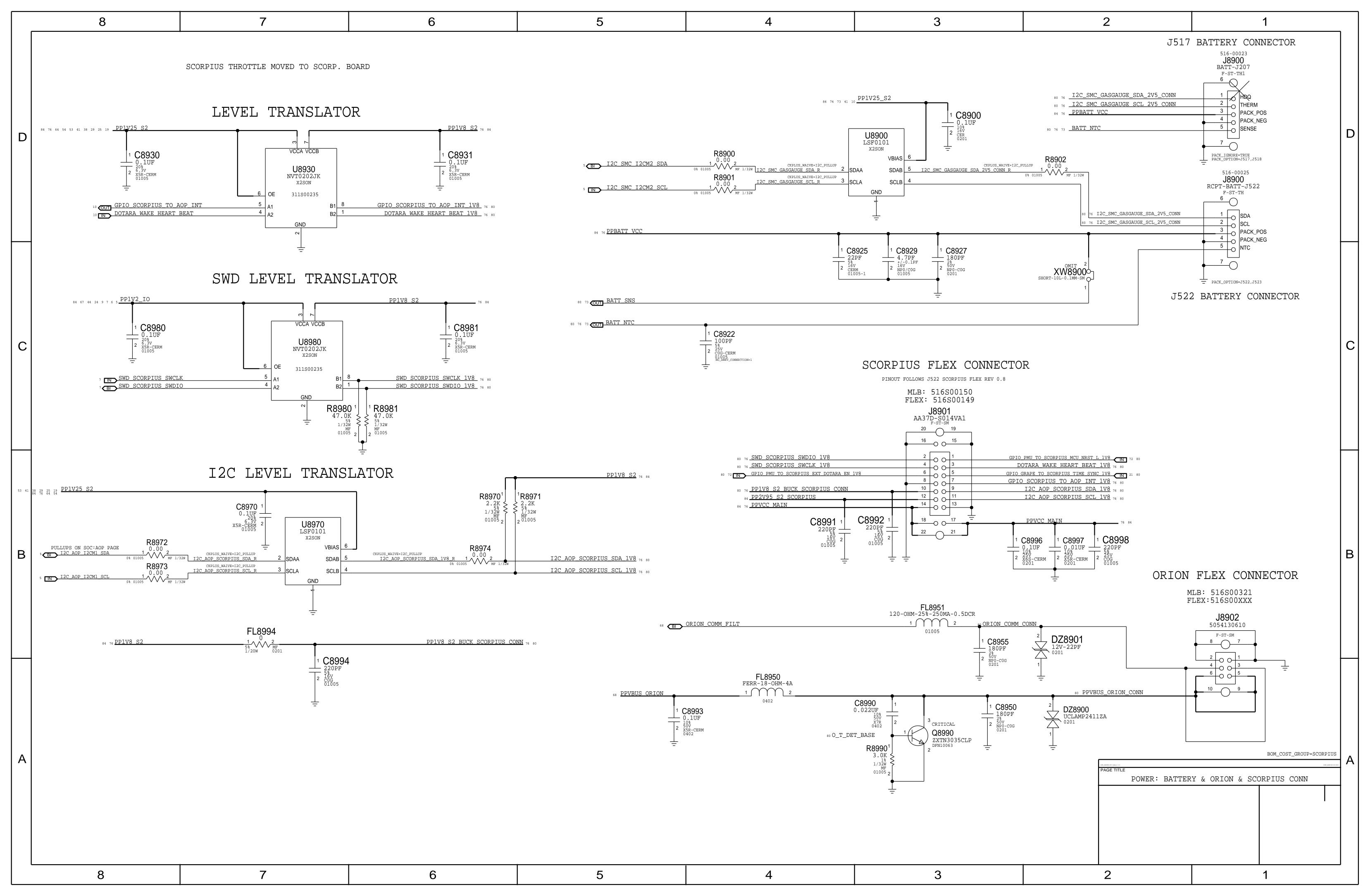


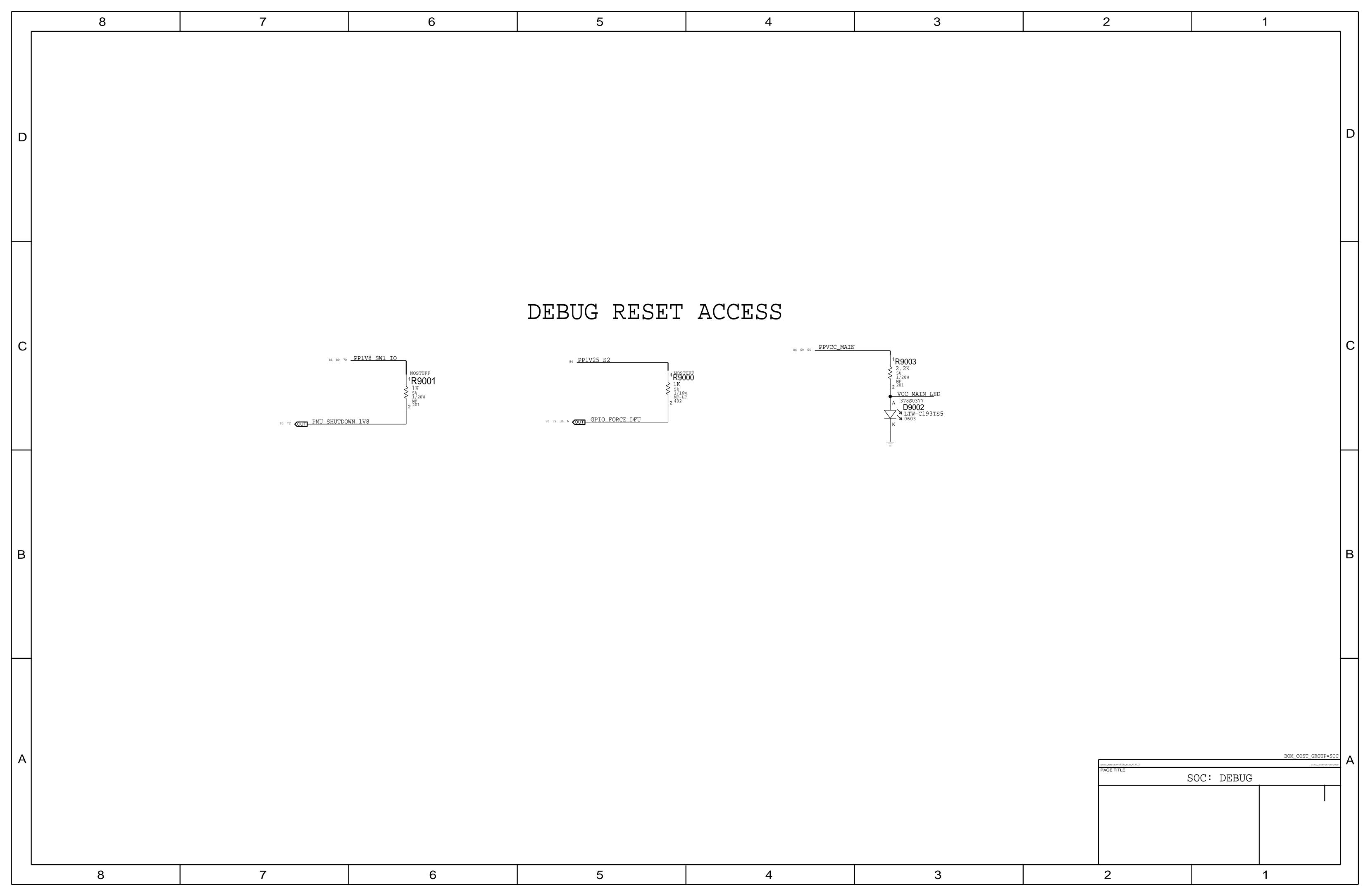


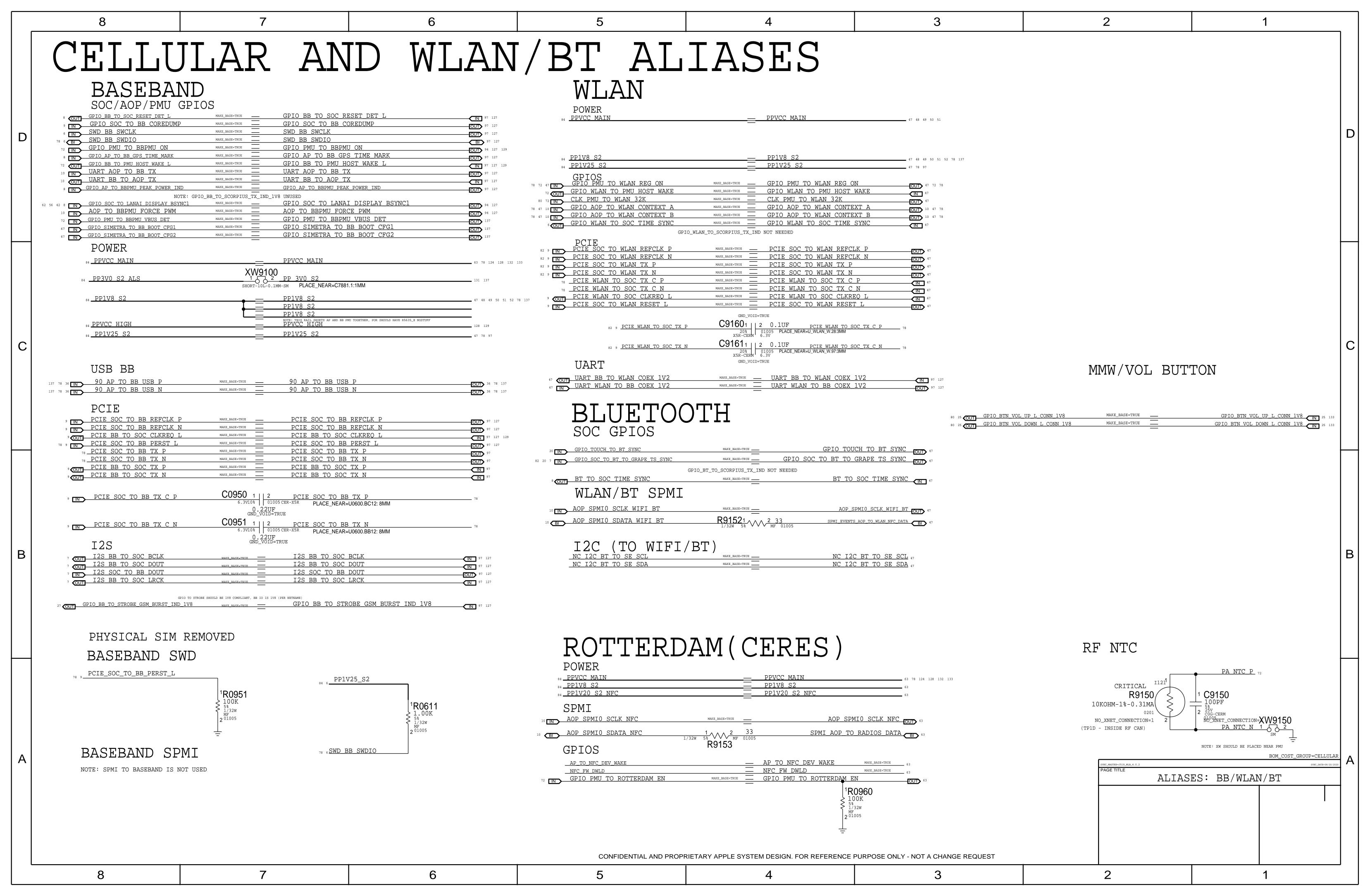


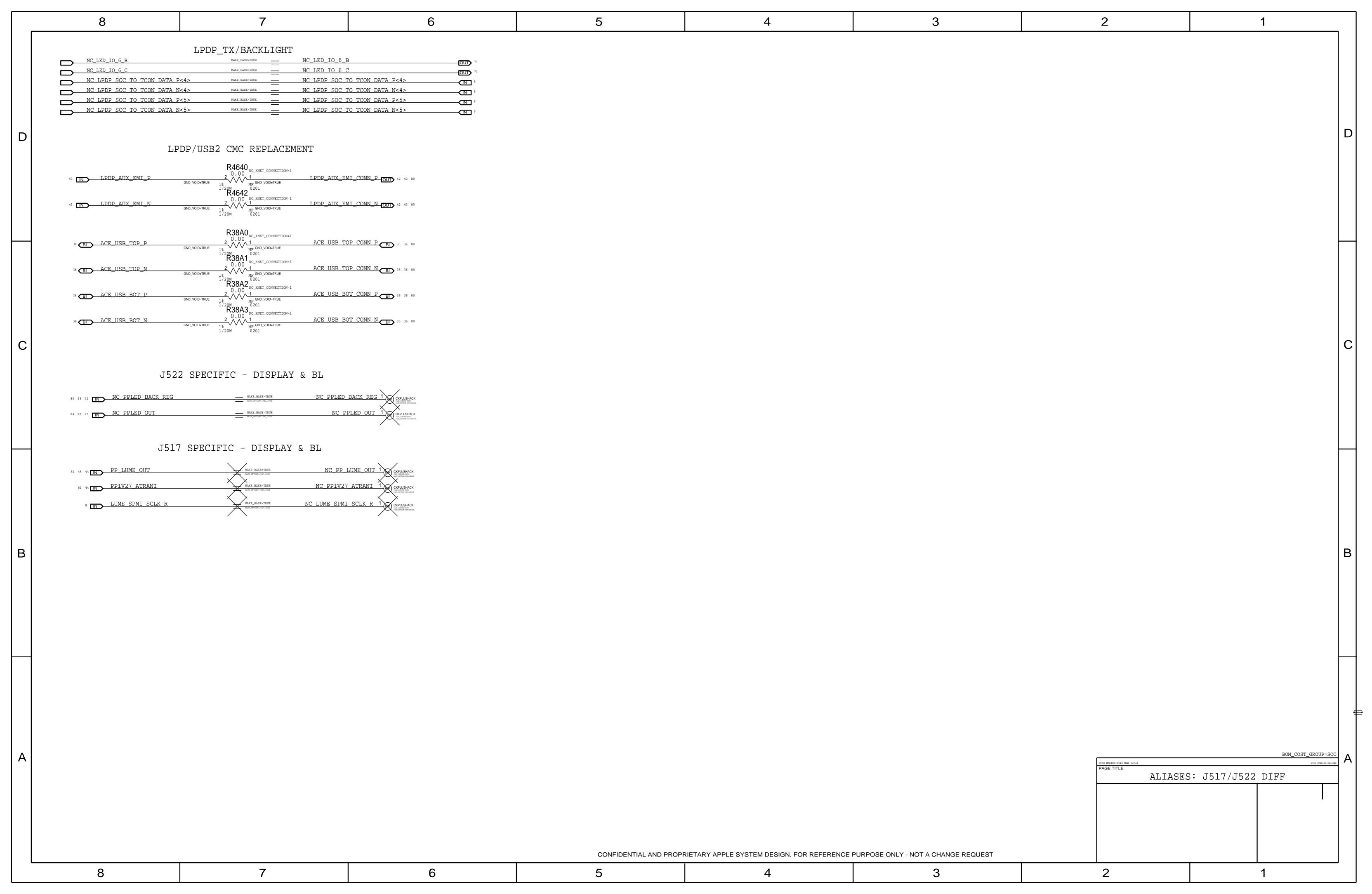


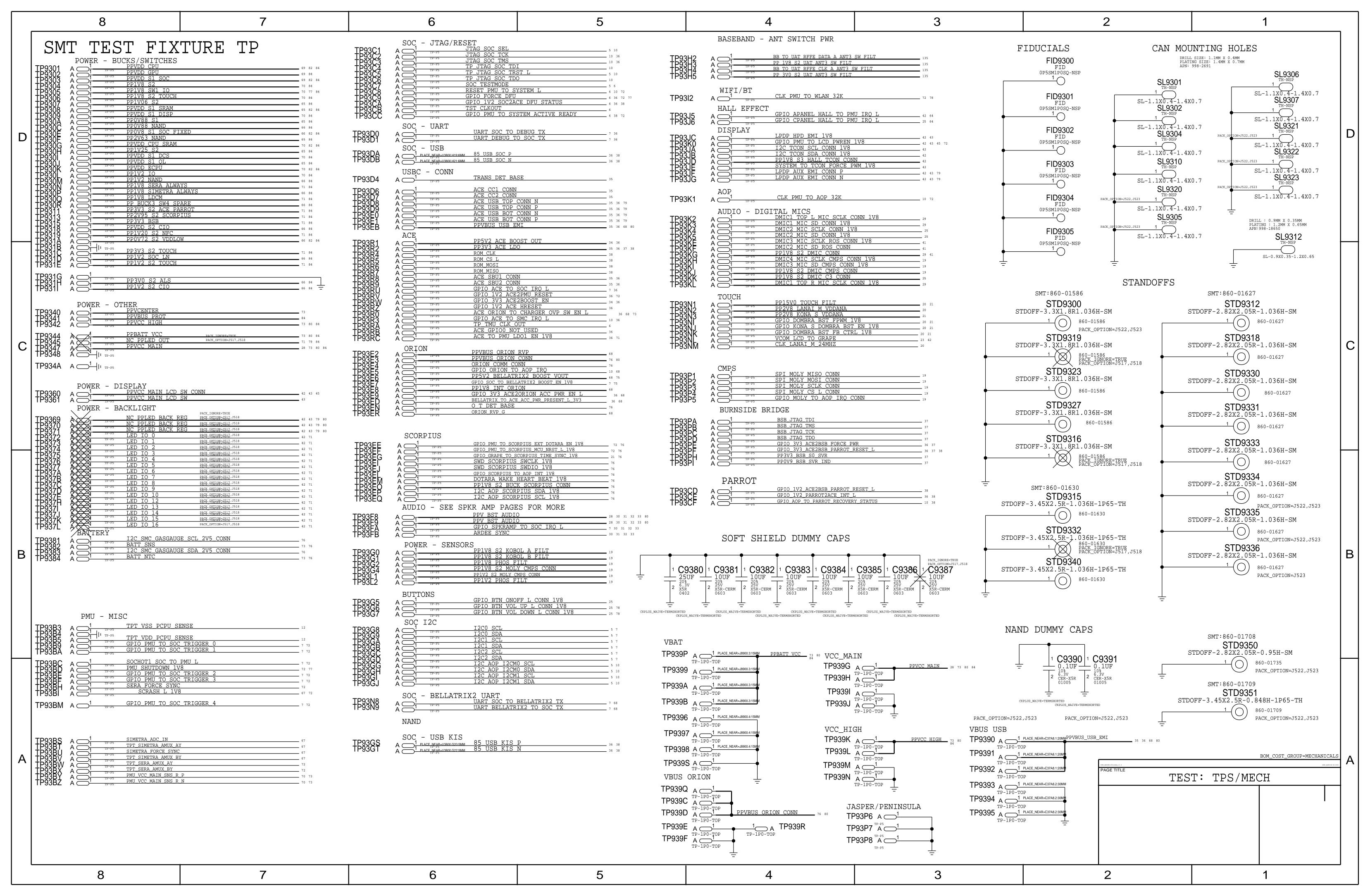


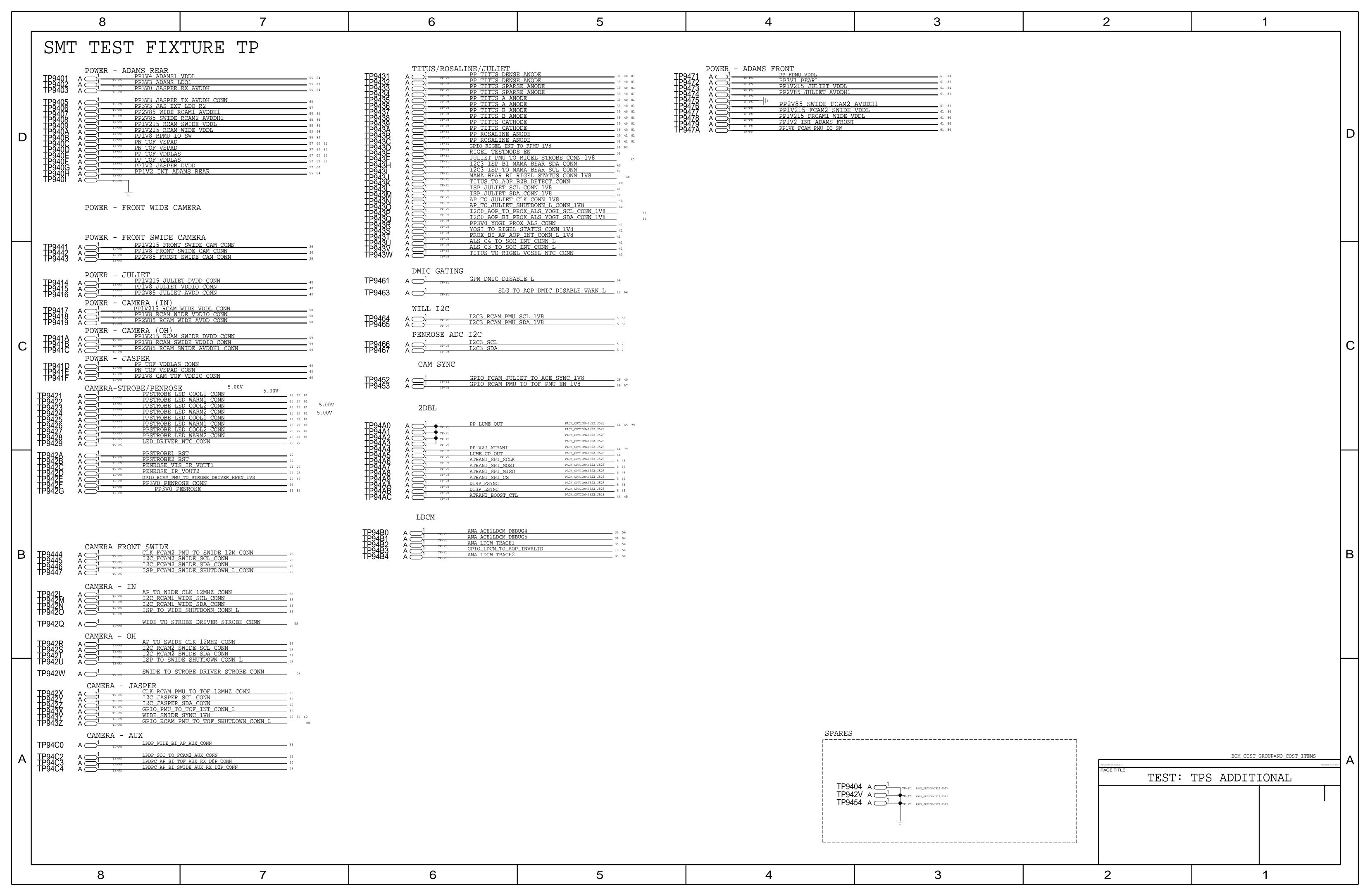


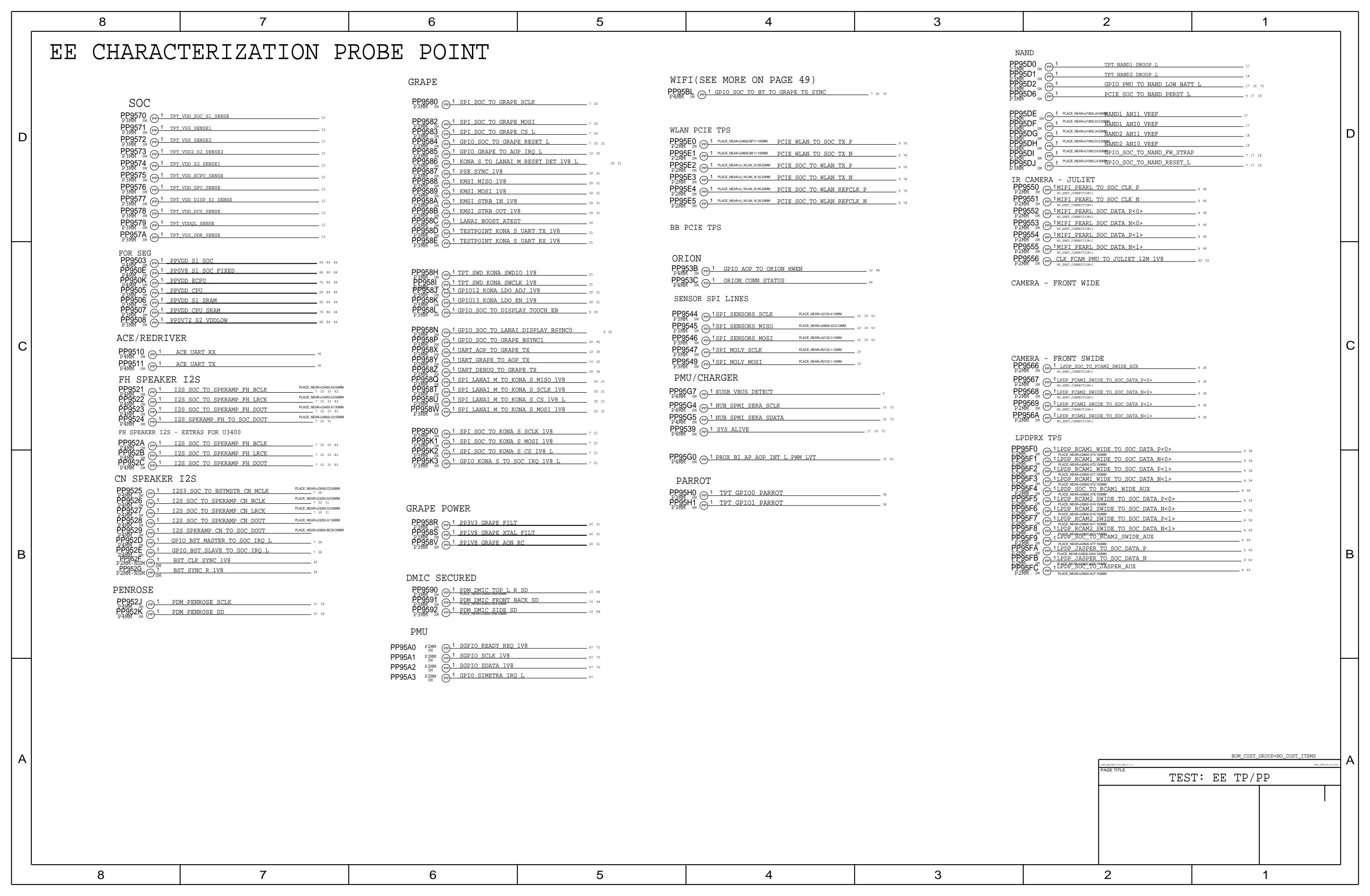


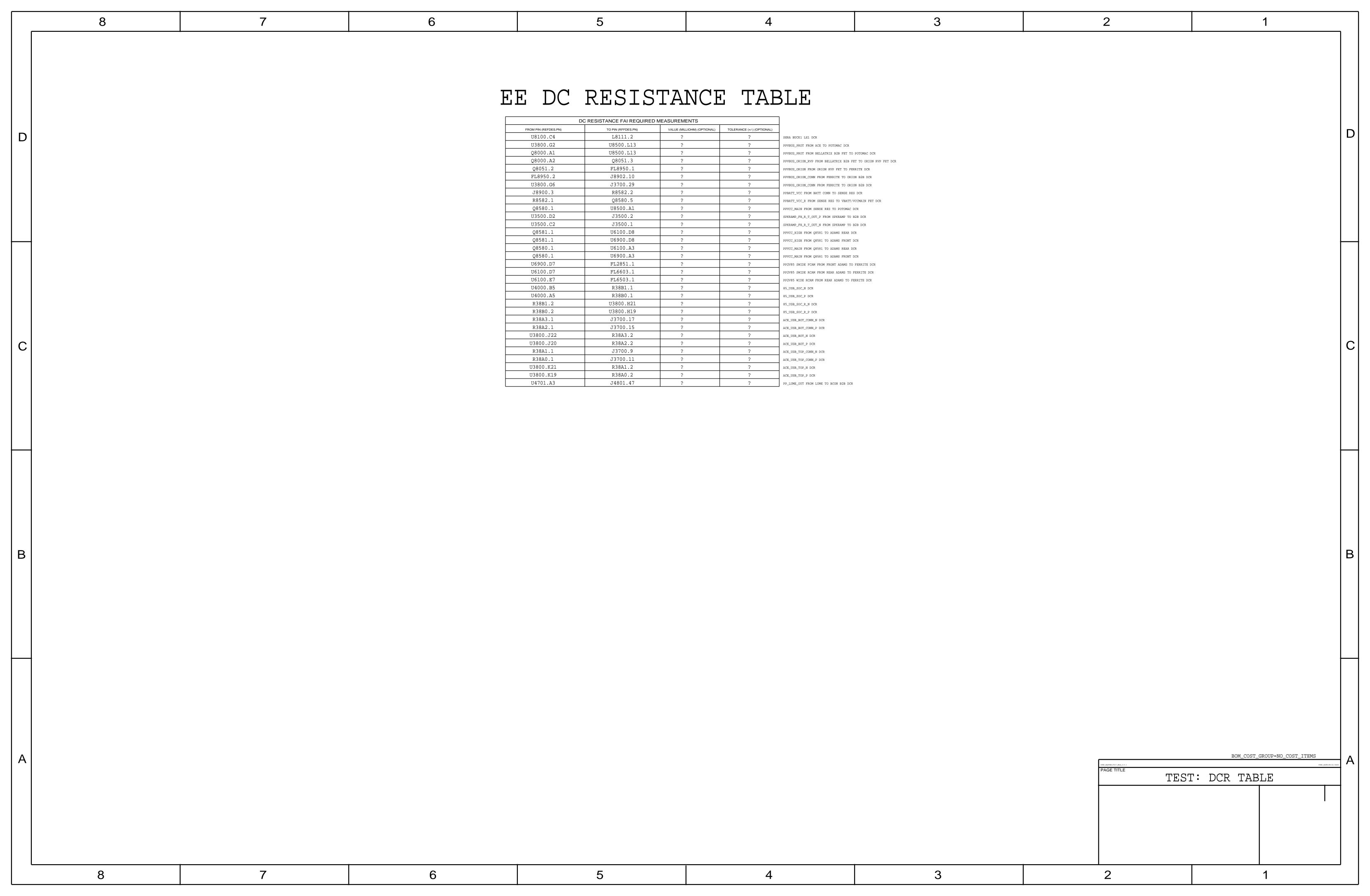


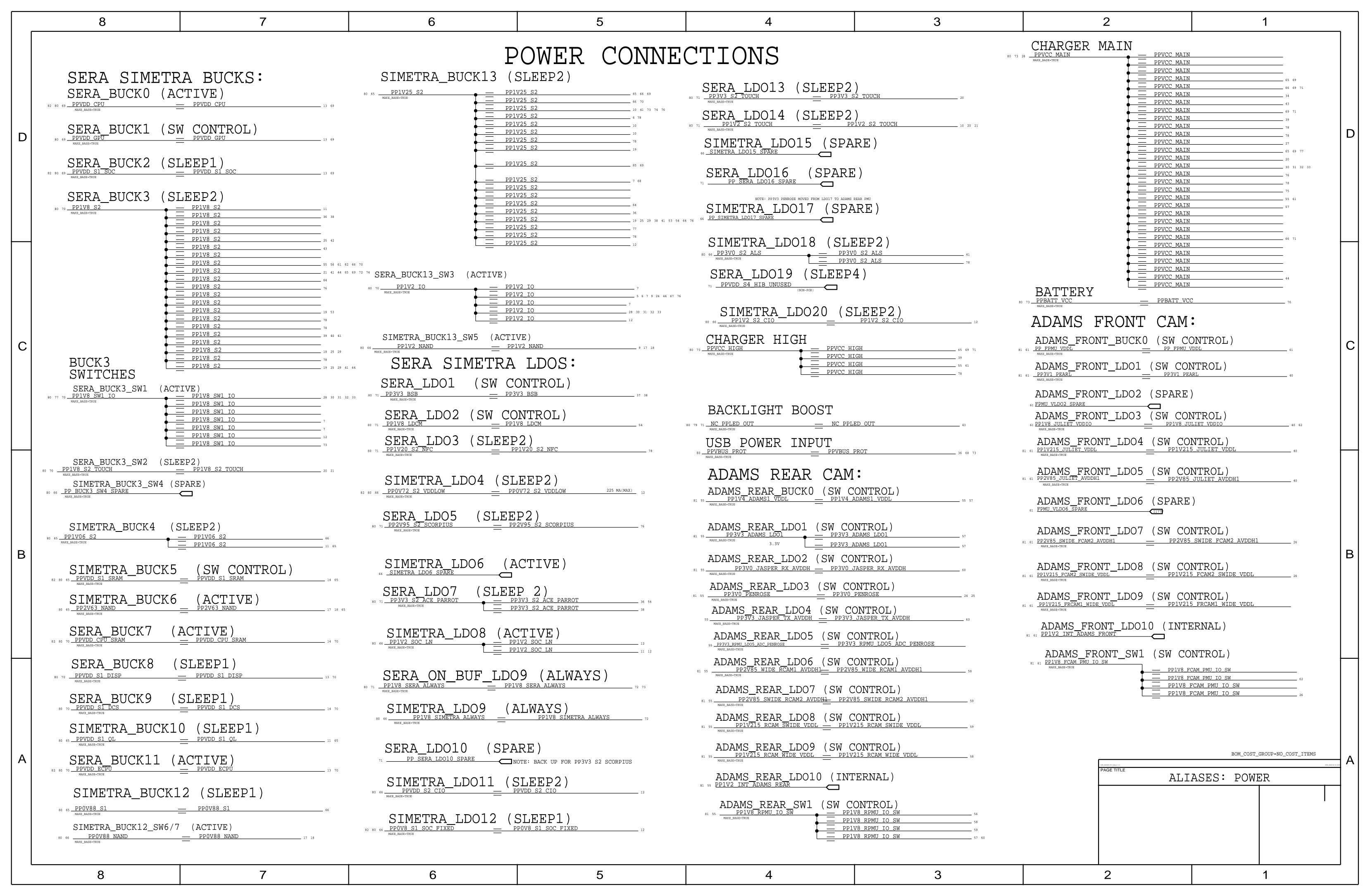












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	ALT '	TABLES		OMIT	CABLE				
D	PART NUMBER ALTER	RNATE FOR BOM OPTION REF DES COMI	MENTS:	PART# QTY DESCRIPTION	REFERENCE DESIGNATOR(S) BOM OPTION				D
	197S00254 197S0 197S00283 197S0	NUMBER 90250 ? Y601_E EPS,	38.4MHZ,8PF,1612  38.4MHZ,8PF,1612	118S00050 1 RES,MF,5.6K OHM,1%,1/32W,01005 118S0730 1 RES,MF,12.0K OHM,1%,1/32W,01005	R630_E RF_SKU:WW+KOLKATA  R630_E RF_SKU:WW				
	197500263 19750	00250 ? Y601_E KYC,	50.4MHZ,0PF,1012	118S00050 1 RES,MF,5.6K OHM,1%,1/32W,01005 118S0730 1 RES,MF,12.0K OHM,1%,1/32W,01005	R631_E BOARD_REV:PROTO0  R631_E BOARD_REV:PROTO1				
	PART NUMBER ALTER PART   152S01350 998-2	RNATE FOR NUMBER BOM OPTION REF DES COMI	MENTS: MLD, 0.47UH, 20%, 4.8A, 26MOHM, 0805, H0.8	118S0626 1 RES,MF,100.0K OHM,1%,1/32W,01005  118S00193 1 RES,MF,36.5K OHM,1%,1/32W,01005	R631_E BOARD_REV: PROTO2  R631_E BOARD_REV: EVT				
	152S01350 998-2 152S01350 998-2	20498 ? L403_E IND,I	MLD,0.47UH,20%,4.8A,26MOHM,0805,H0.8	118S0868 1 RES,MF,47.5K OHM,1%,1/32W,01005 118S00136 1 RES,TK,60.4K OHM,1%,1/32W,01005	R631_E BOARD_REV:CRB  R631_E BOARD_REV:DVT				
	152S01350 998-2 152S01350 998-2	20498 ? L406_E IND,	MLD, 0.47UH, 20%, 4.8A, 26 MOHM, 0805, H0.8	118S0768 1 RES,MF,75.0K OHM,1%,1/32W,01005  118S0626 1 RES,MF,100K OHM,1%,1/32W,01005	R631_E BOARD_REV:PVT  R632_E J518				
	152S01352 998-2 152S01352 998-2		PWR,1.0UH,20%,3.3A,60MDHM,2012 PWR,1.0UH,20%,3.3A,60MDHM,2012	118S0737 1 RES,MF,124K OHM,1%,1/32W,01005 118S00122 1 RES,MF,27.0K OHM,1%,1/32W,01005	R632_E J523  R631_E BOARD_REV: PRE-PROTO2				
			State_AST_ANDA						
C	PART NUMBER ALTER PART 335S00013 335S0	RNATE FOR NUMBER BOM OPTION REF DES COMI 894 ? EEPROM_E EEPRO	564,AC700	OPTION A) IS FOR THE CASE THAT CHINA WILL NOT ACCE	EPT ESIM. (337S00848: PROD)				
	107S0245     107S0       117S00012     117S0		RMISTOR,NTC,100K OHM,1%,B=4250,01005 C,FL5924_E RES,0 OHM,JUMPER,1/10		CHINA CONFIGS WILL USE PROD-CN PARTS.(337S00848: PROD-CN)				
В									
A								SYNC MASTER=RADIO MIB 3 27 0	SYNC_DATE=08/31/2020 A
								SYNC_MASTER=RADIO_MLB_3.27.0  PAGE TITLE  BON	TABLES
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