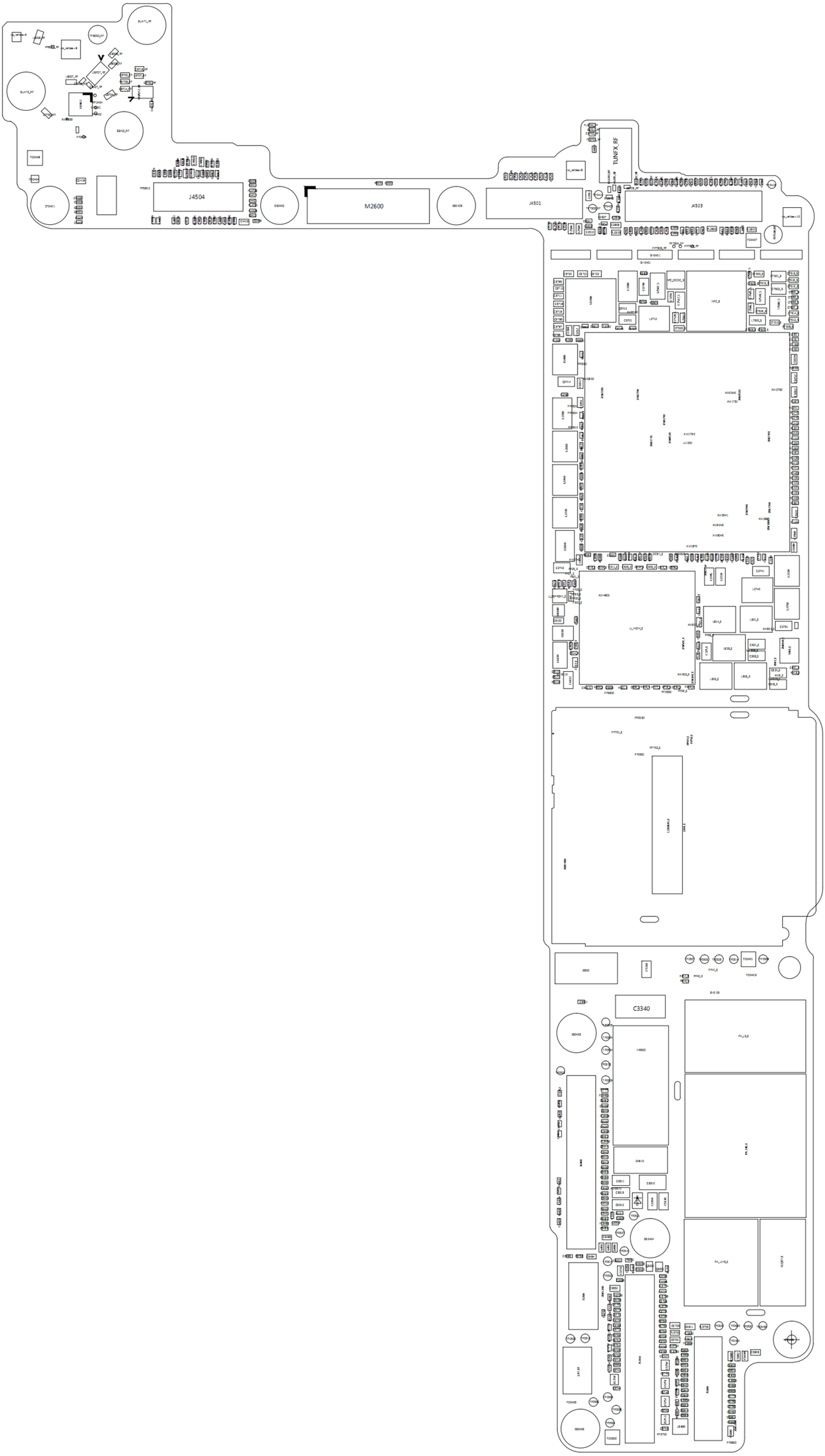
J4504
M2600
J4501
J4503
TUNFX_RF
C3340

D20 MLB - PVT (OK3FAS)

VIETMOBILE.VN

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25	SOC - DDR MEM DQ	00/00/00
26	SOC - DDR MEM DQS	00/00/00
27	SOC - DDR MEM CLK	00/00/00
28	SOC - DDR MEM VREF	00/00/00
29	SOC - DDR MEM ZQ	00/00/00
30	SOC - DDR MEM CONFIG	00/00/00
31	SOC - DDR MEM TERMINATION	00/00/00
32	SOC - DDR MEM VTT	00/00/00
33	SOC - DDR MEM CTL	00/00/00
34	SOC - DDR MEM DQ	00/00/00
35	SOC - DDR MEM DQS	00/00/00
36	SOC - DDR MEM CLK	00/00/00
37	SOC - DDR MEM VREF	00/00/00
38	SOC - DDR MEM ZQ	00/00/00
39	SOC - DDR MEM CONFIG	00/00/00
40	SOC - DDR MEM TERMINATION	00/00/00
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42	SOC - GPIO	00/00/00
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45	SOC - I2S	00/00/00
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48	SOC - MISC	00/00/00
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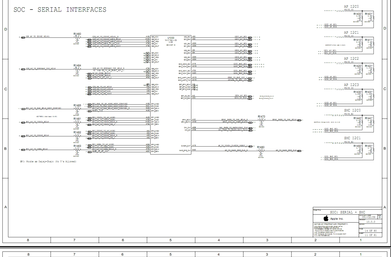
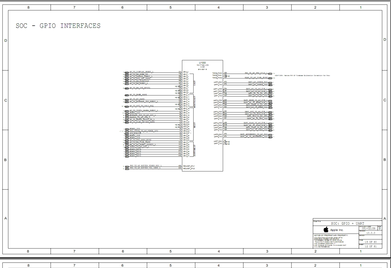
50	SOC - GND	00/00/00
51	SOC - DDR MEM	00/00/00
52	SOC - DDR MEM	00/00/00
53	SOC - DDR MEM	00/00/00
54	SOC - DDR MEM	00/00/00

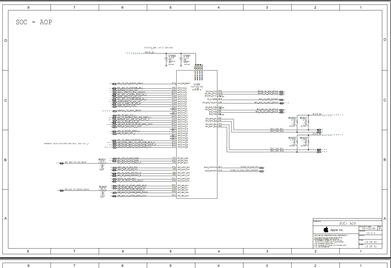
SOC - SERIAL INTERFACES



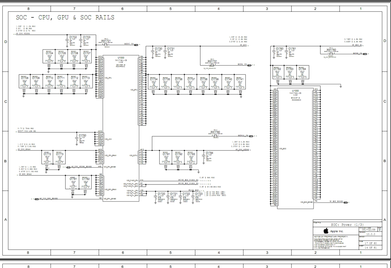
SOC - GPIO INTERFACES



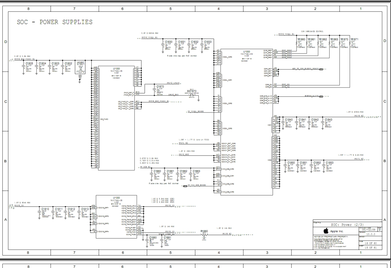
SOC - AOP



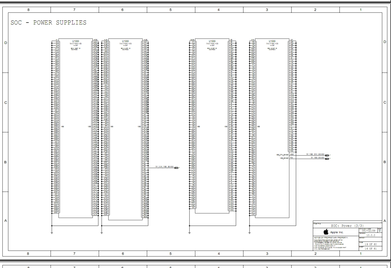
SOC - CPU, GPU & SOC RAILS

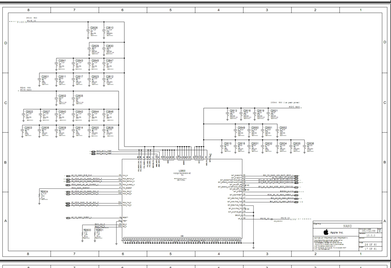


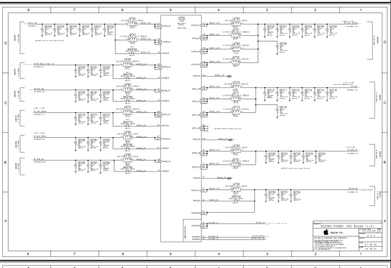
SOC - POWER SUPPLIES

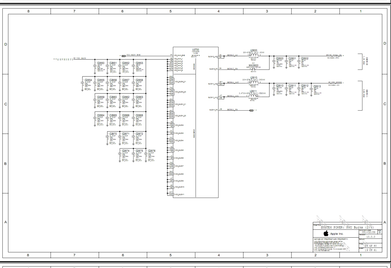


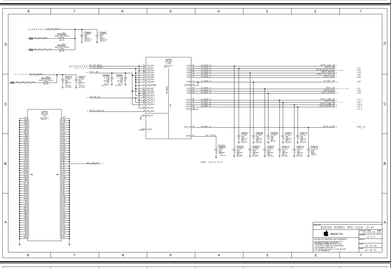
SOC - POWER SUPPLIES

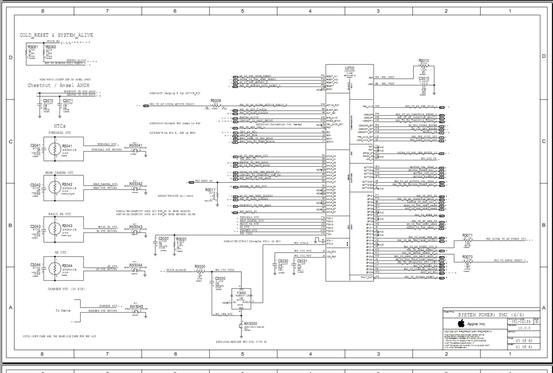


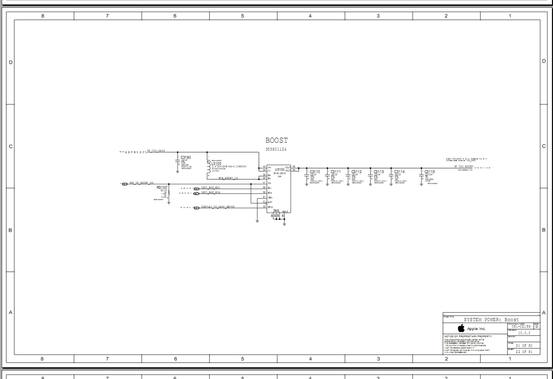









COLD_RESET & SYSTEM_ALIVE
Chestnut / Acadi AA26
SYSTEM POWER: PMU (1/4)
Apple Inc.
Drawing
Rev
Date
Sheet
1 OF 41


BOOST
353S01124
SYSTEM POWER: Boost
Apple Inc.
Drawing
Rev
Date
Sheet
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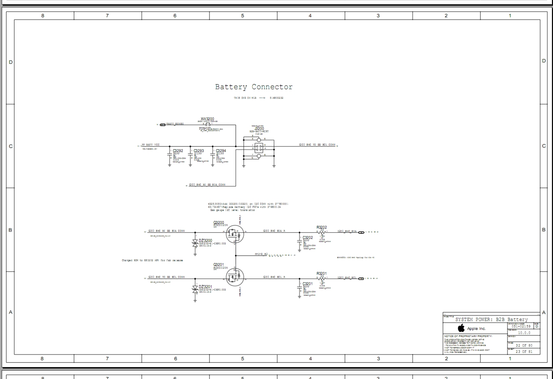
Battery Connector
SYSTEM POWER: B2B Battery
Apple Inc.
Drawing
Rev
Date
Sheet
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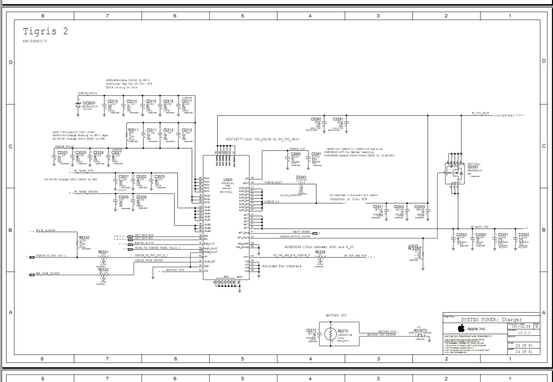
Tigris 2
SYSTEM POWER: Charger
Apple Inc.
Drawing
Rev
Date
Sheet
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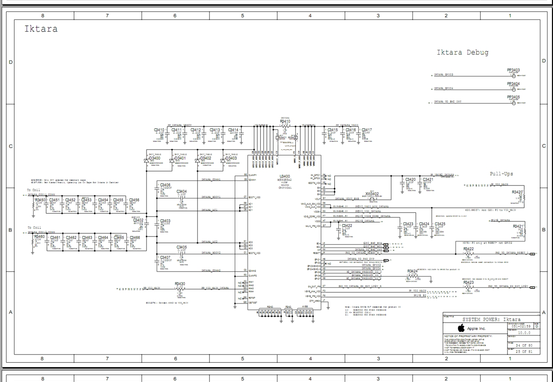
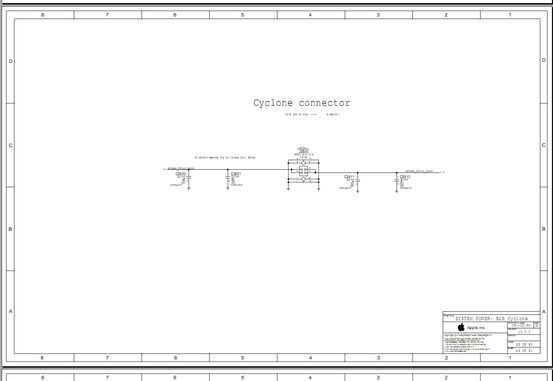
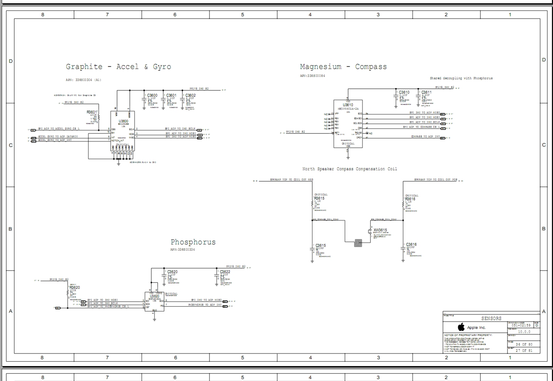

Iktara
Iktara Debug
Pull-Ups
SYSTEM POWER: Iktara
Apple Inc.
Drawing
Rev
Date
Sheet
5 OF 41


Cyclone connector
SYSTEM POWER: B2B Cyclone
Apple Inc.
Drawing
Rev
Date
Sheet
6 OF 41


Graphite - Accel & Gyro
Magnesium - Compass
Phosphorus
SENSORS
Apple Inc.
Drawing
Rev
Date
Sheet
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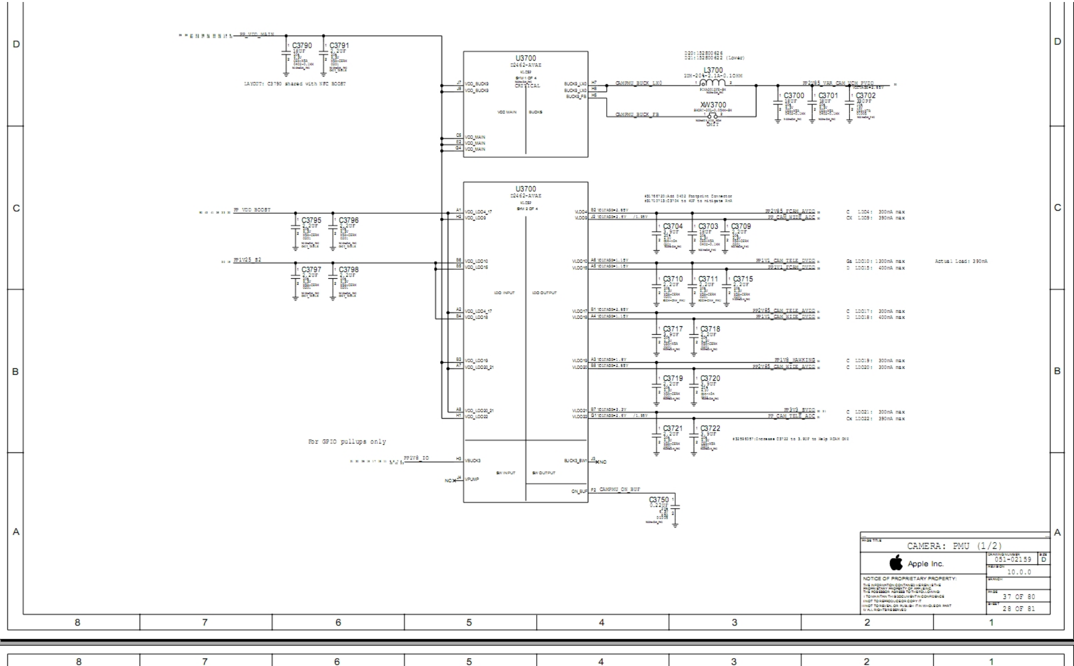
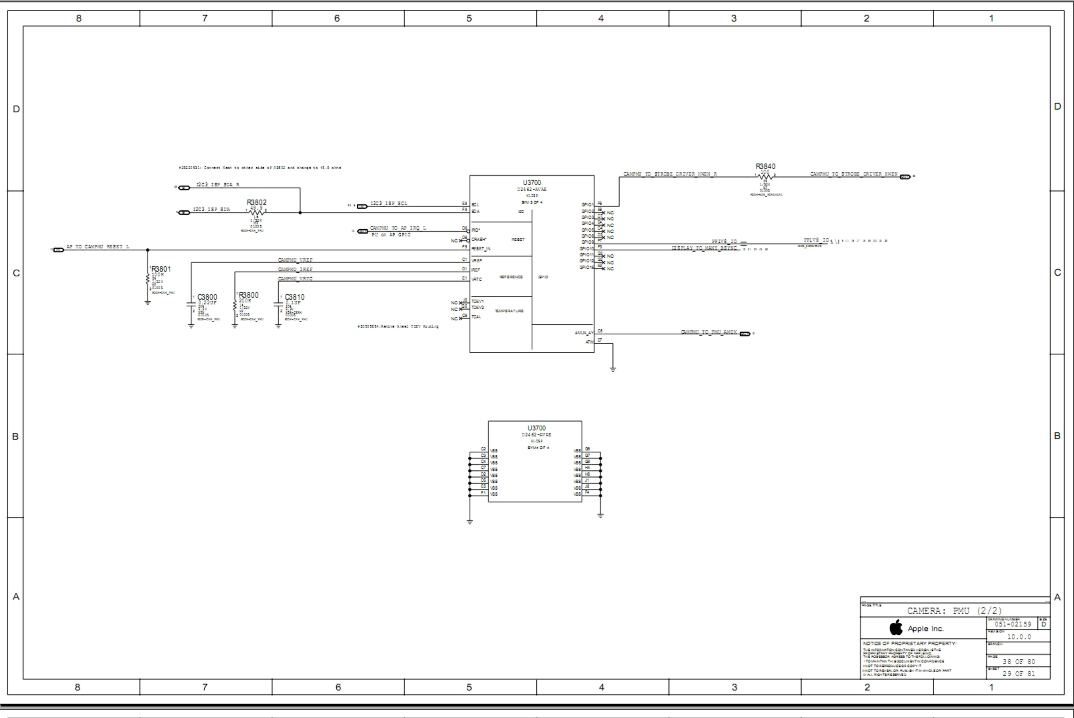
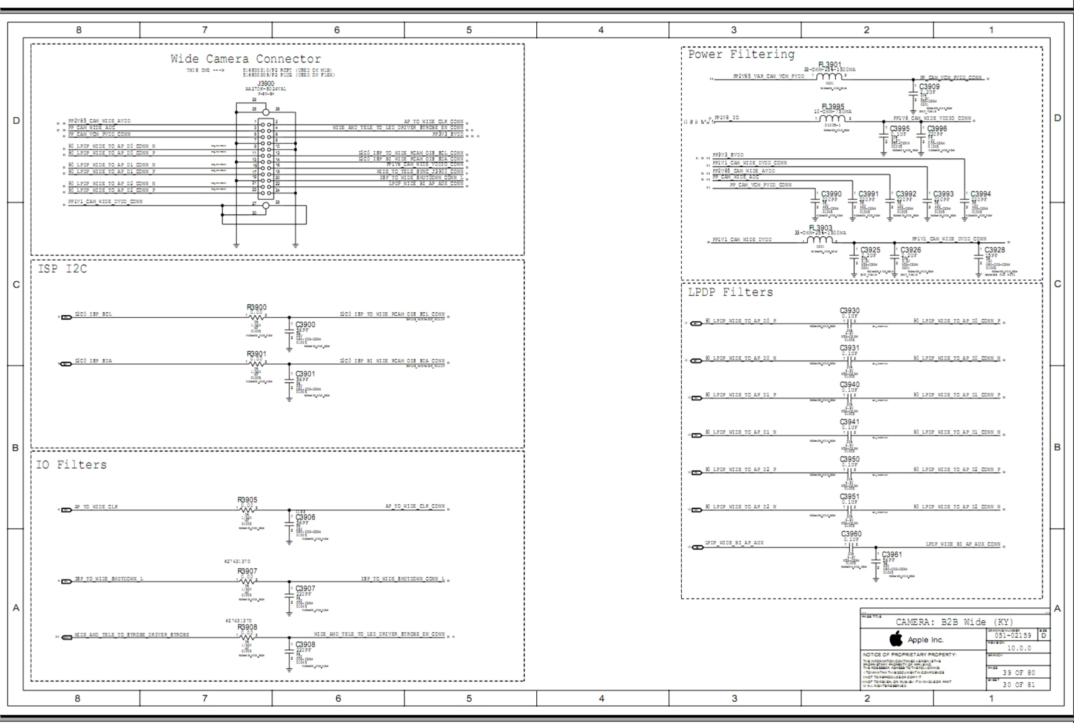
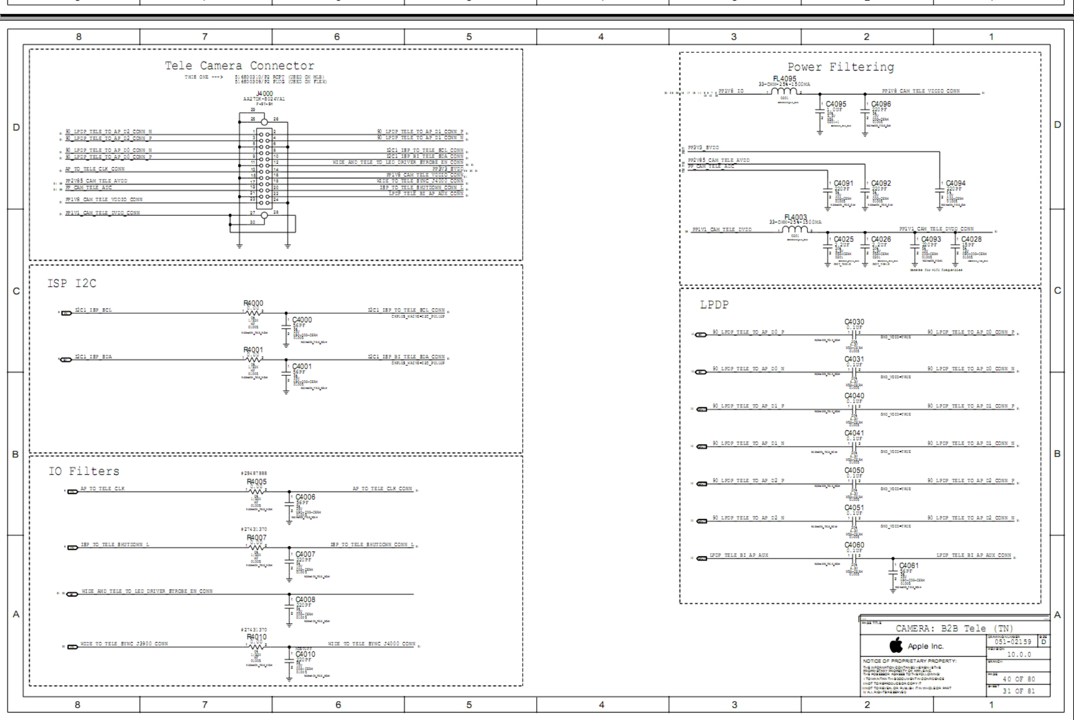
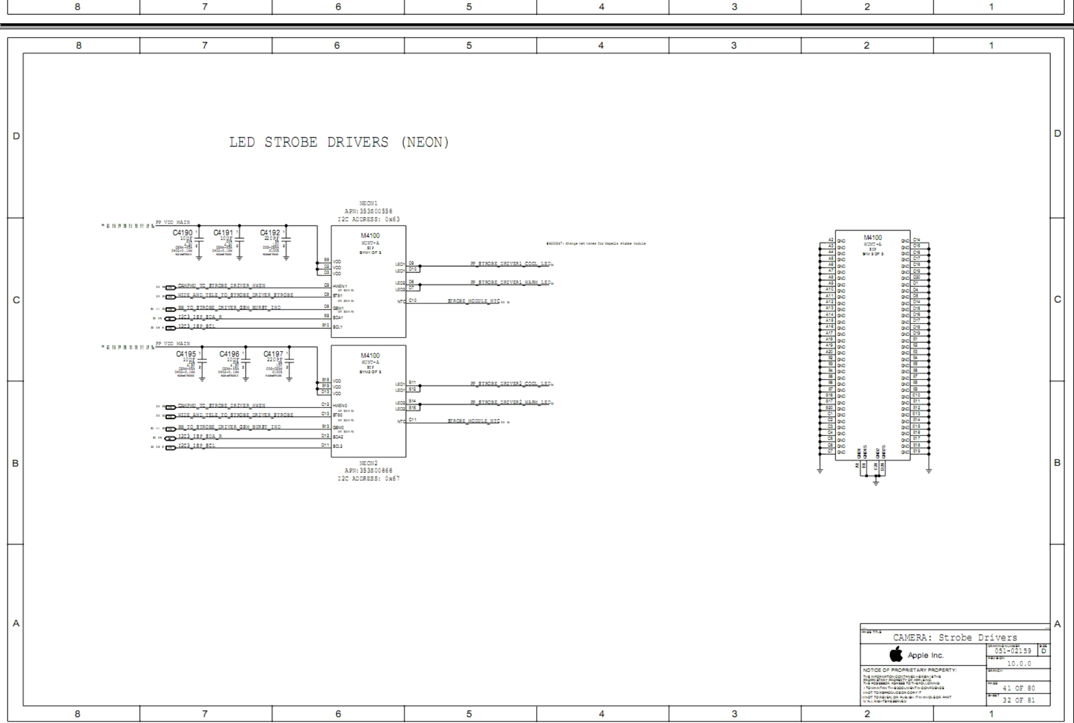
Camera PMU

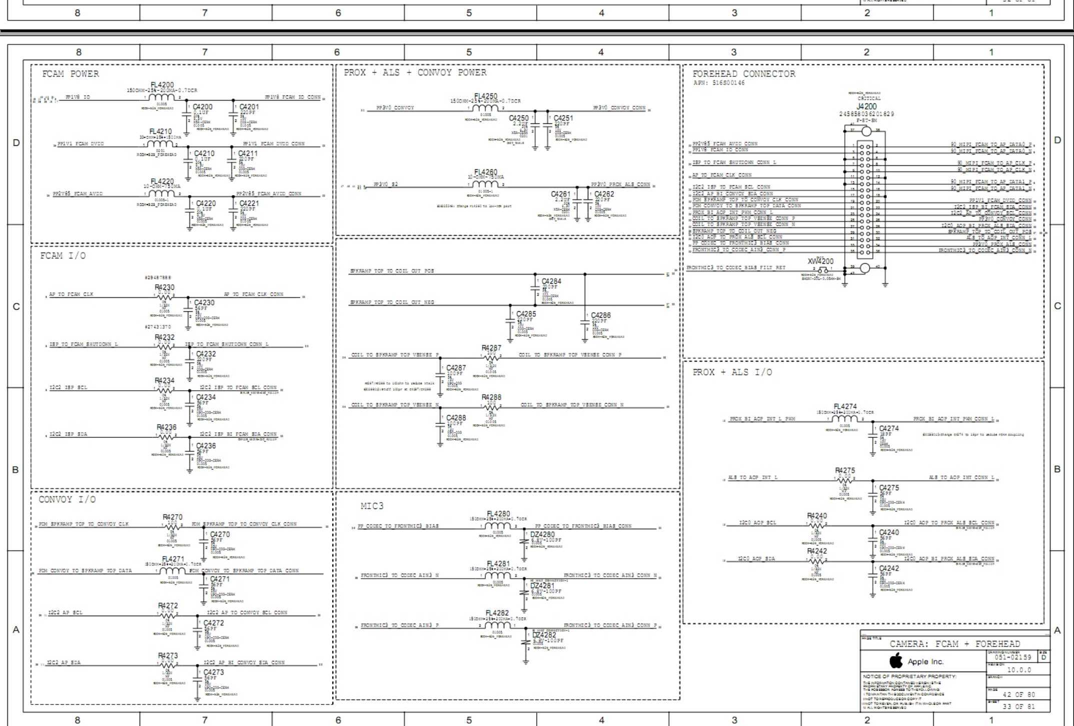


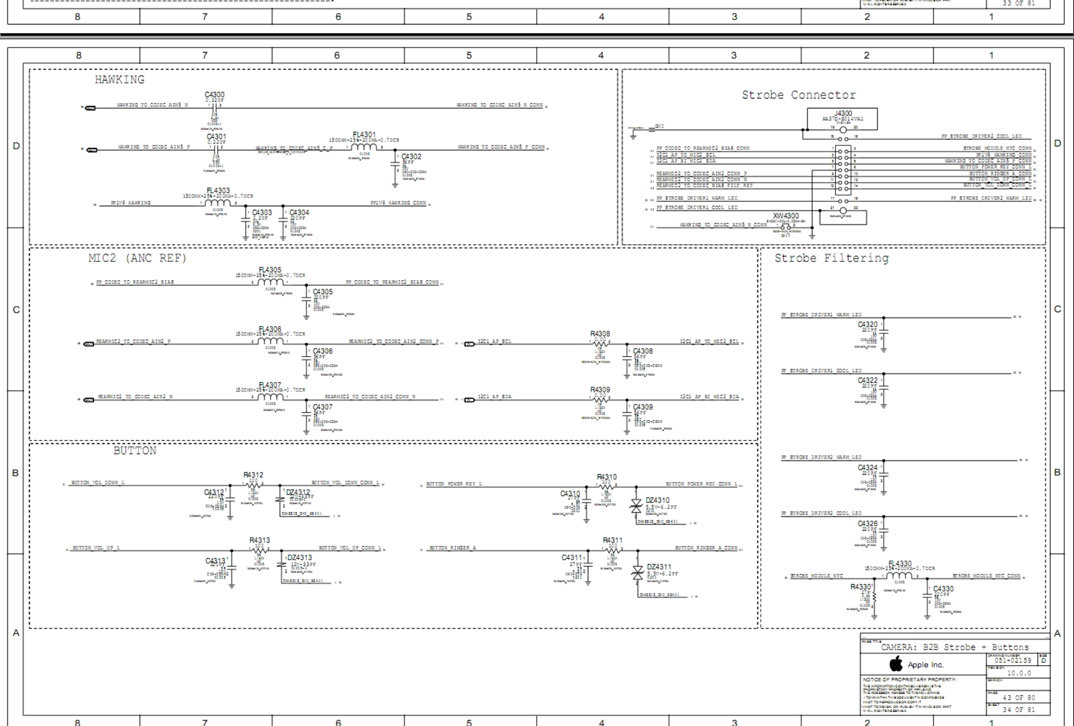


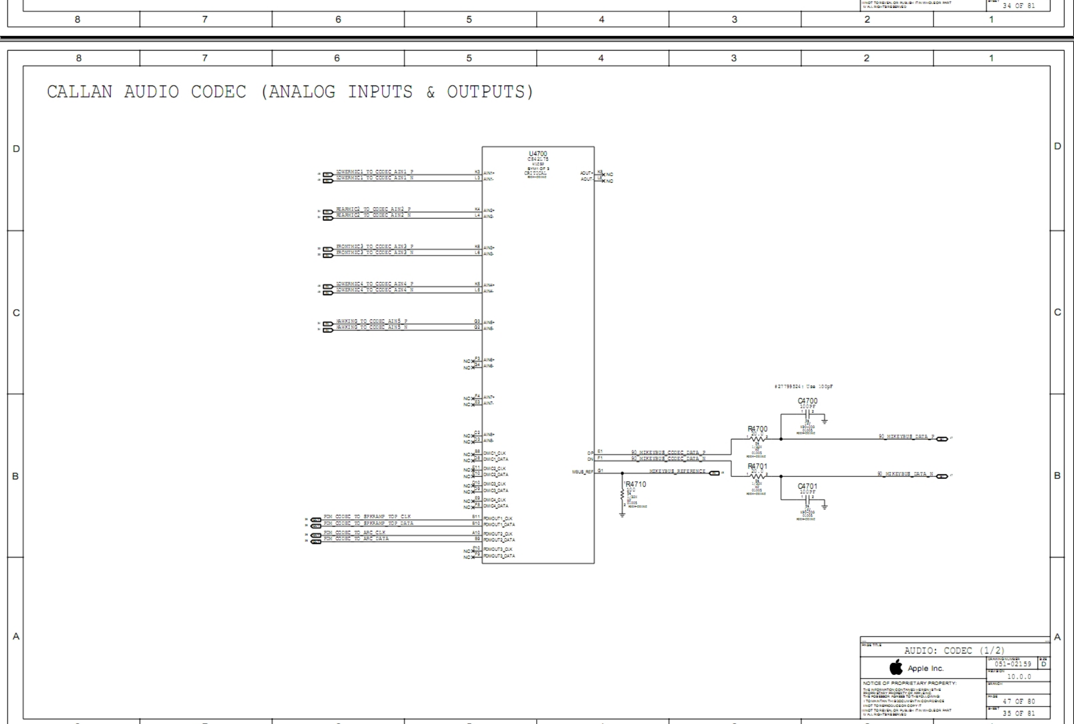

Wide Camera Connector
Power Filtering
LPDP Filters
ISP I2C
IO Filters

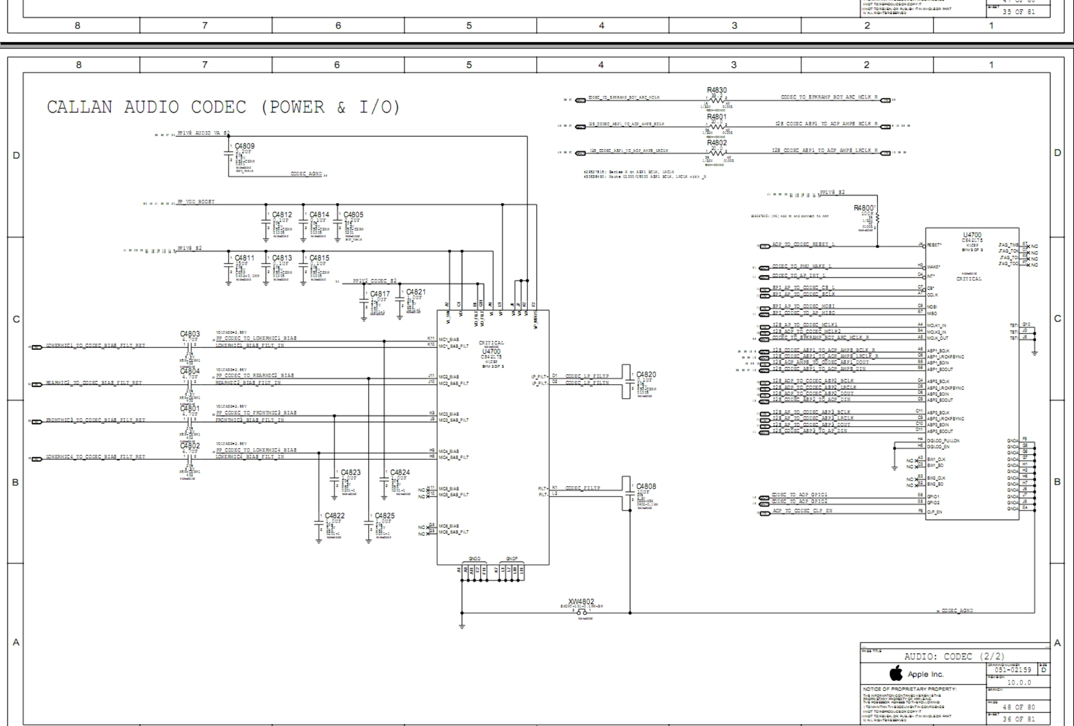

Tele Camera Connector
Power Filtering
LPDP
ISP I2C
IO Filters

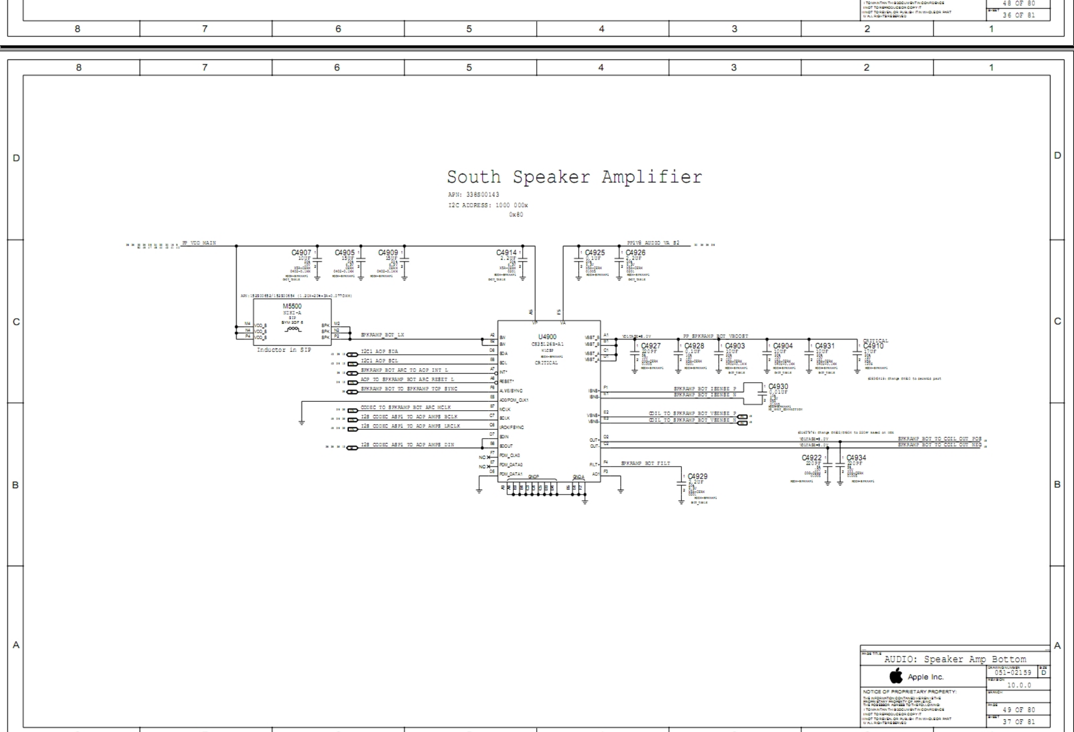

LED STROBE DRIVERS (HIGH)

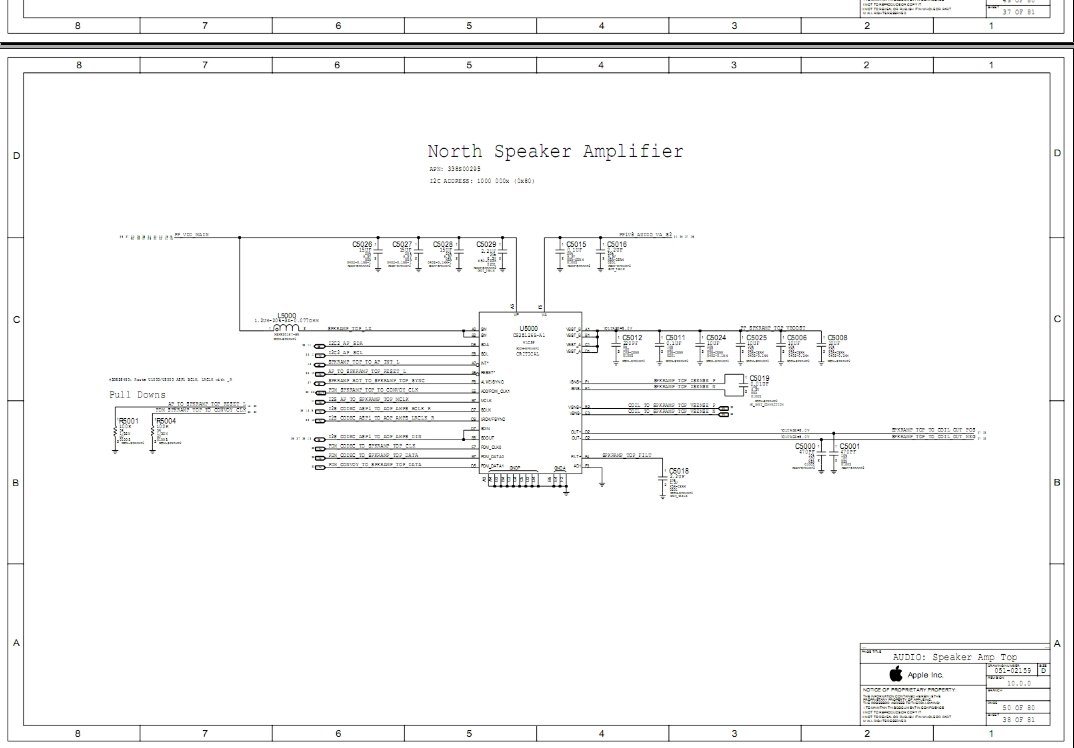


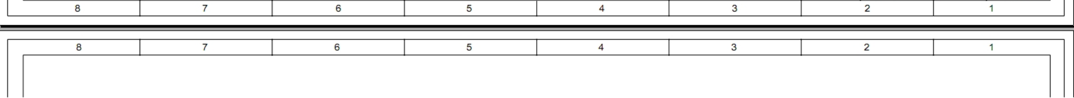

Strobe Connector
Strobe Filtering
BUTTON

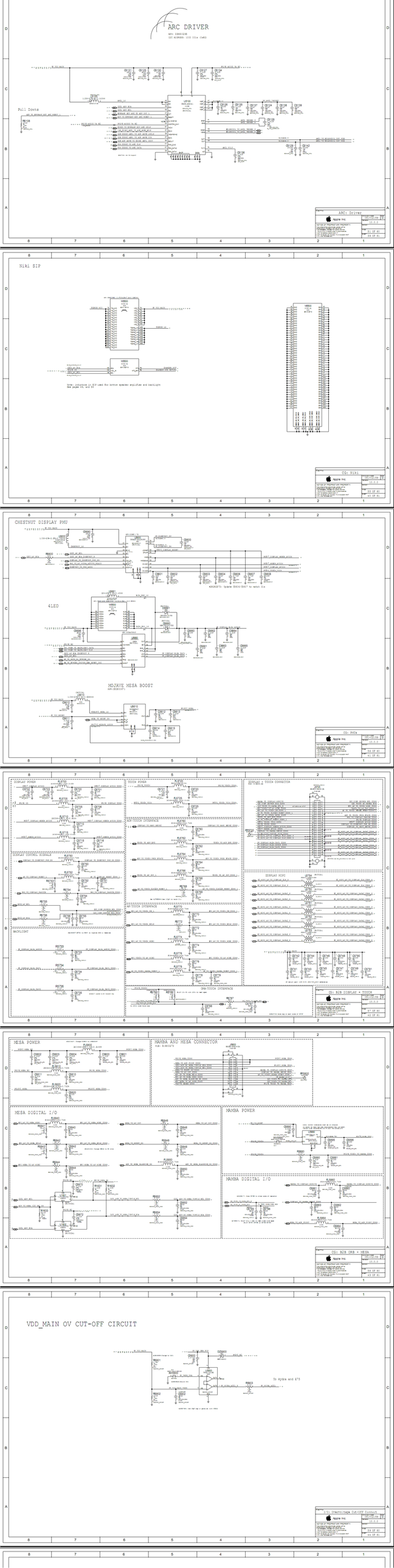

CALLAN AUDIO CODEC (ANALOG INPUTS & OUTPUTS)

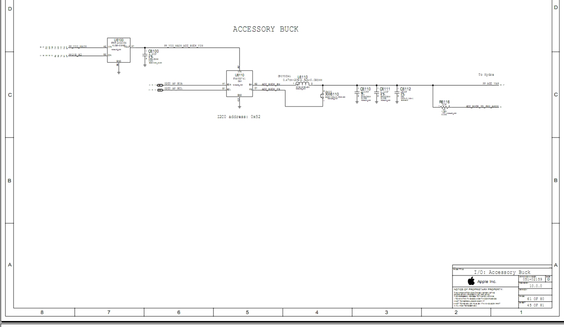

CALLAN AUDIO CODEC (POWER & I/O)

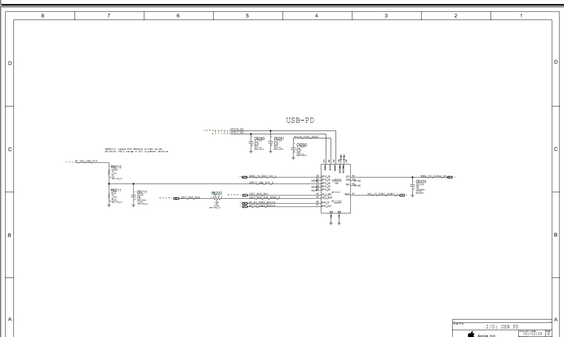

South Speaker Amplifier

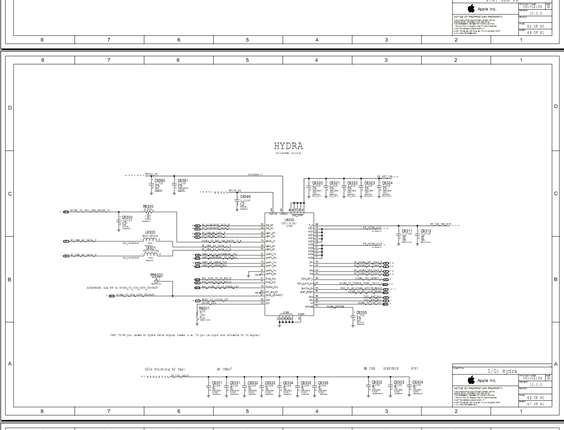

North Speaker Amplifier

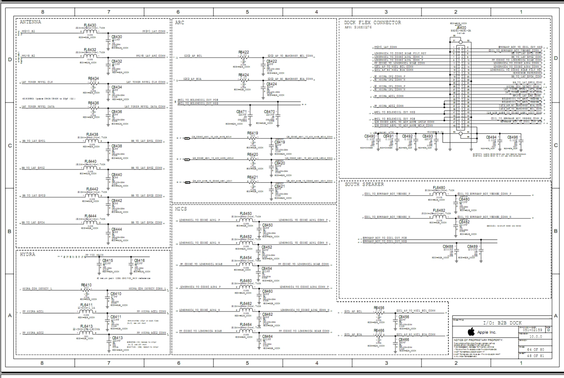



ARC DRIVER
Pull Downs
Niki SIP
CHESTNUT DISPLAY PMU
4LED
MOJAVE MESA BOOST
DISPLAY POWER
TOUCH POWER
DISPLAY TOUCH CONNECTOR
DISPLAY TOUCH INTERFACE
DISPLAY MIPI
BACKLIGHT
CRB/TOUCH INTERFACE
MESA POWER
MAMBA AND MESA CONNECTOR
MESA DIGITAL I/O
MAMBA POWER
MAMBA DIGITAL I/O
VDD_MAIN OV CUT-OFF CIRCUIT
To Hydra and ETS





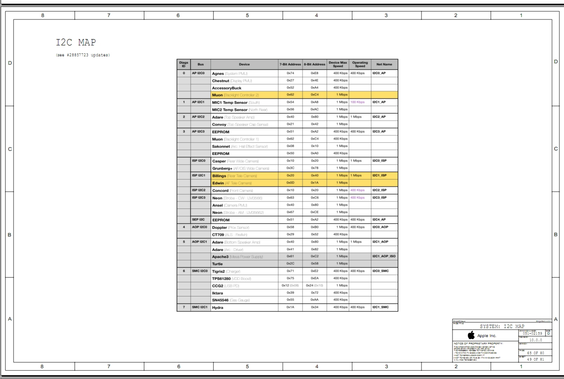


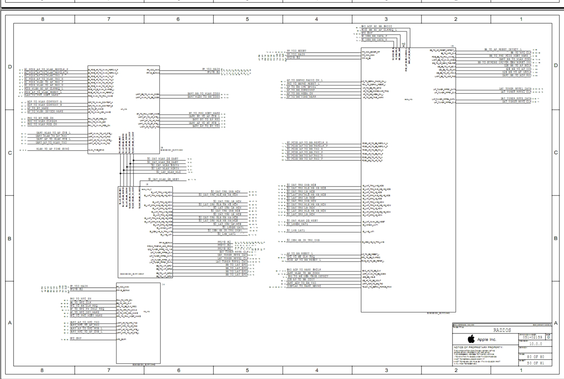


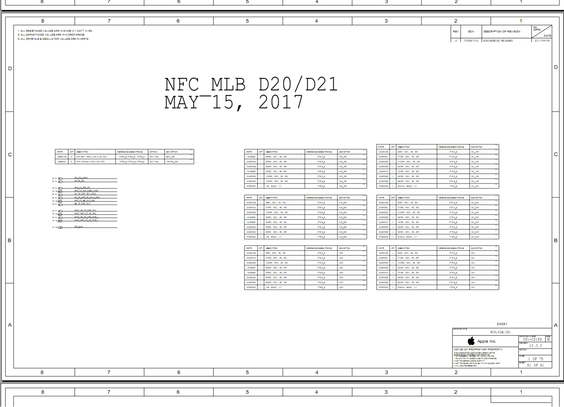
I2C MAP

(see 42897723 updates)

Page Num	Bus	Device	7-Bit Address	8-Bit Address	Bus Speed Max (Kbps)	Operating Voltage	Net Name
6	AP SDIO	Agere (Combo-Hub)	0x74	0x68	400 Kbps	400 Kbps	SDIO_AP
		Checkout (Audio-PCM)	0x27	0x4E	400 Kbps		
		AccessoryBuck (Buck)	0x52	0xA4	400 Kbps		
		Maxim (Charger-Fuel Gauge 2)	0x6B	0xD6	1 Mbps		
5	AP SDIO	MICO Temp Sensor (Thermal-Sensor)	0x49	0x92	1 Mbps	100 Kbps	SDIO_AP
		MICO Temp Sensor (Wolf-Hub)	0x49	0x92	1 Mbps		
3	AP SDIO	Adam (Charger-Fuel Gauge)	0x6B	0xD6	1 Mbps	1 Mbps	SDIO_AP
		Conway (Combo-Car Dock)	0x67	0xCE	1 Mbps		
2	AP SDIO	EEPROM (Flash-Memory)	0x52	0xA4	400 Kbps	400 Kbps	SDIO_AP
		Maxim (Charger-Fuel Gauge 1)	0x62	0xC4	400 Kbps		
		Sabrenet (Wolf-Hub)	0x49	0x92	1 Mbps		
		EEPROM (Flash-Memory)	0x50	0xA0	400 Kbps		
	AP SDIO	Casper (Combo-Camera)	0x36	0x6C	1 Mbps	1 Mbps	SDIO_AP
		Grumberg (AP-CPU-Interrupt)	0x26	0x4C	1 Mbps		
	AP SDIO	Billings (Wolf-Hub)	0x49	0x92	1 Mbps	1 Mbps	SDIO_AP
		Edwin (AP-Interrupt)	0x60	0xC0	1 Mbps		
	AP SDIO	Concord (AP-Interrupt)	0x60	0xC0	1 Mbps	400 Kbps	SDIO_AP
	AP SDIO	Nevis (Combo-Car Dock)	0x63	0xC6	1 Mbps	400 Kbps	SDIO_AP
		Amar (Combo-Hub)	0x49	0x92	1 Mbps		
		Nevis (Combo-Car Dock)	0x67	0xCE	1 Mbps		
	AP SDIO	EEPROM (Flash-Memory)	0x51	0xA2	400 Kbps	400 Kbps	SDIO_AP
4	AP SDIO	Doppler (Wolf-Hub)	0x49	0x92	1 Mbps	400 Kbps	SDIO_AOP
		CT150 (Wolf-Hub)	0x49	0x92	400 Kbps		
1	AP SDIO	Adam (Charger-Fuel Gauge 2)	0x6B	0xD6	1 Mbps	1 Mbps	SDIO_AOP
		Adam (Wolf-Hub)	0x47	0x92	1 Mbps		
		Apollo3 (Wolf-Hub-Supply)	0x47	0x92	1 Mbps		SDIO_AOP_SDO
		Turtle (Wolf-Hub)	0x92	0x49	1 Mbps		
6	SMC SDIO	Tigrisd (Charger)	0x77	0xEE	400 Kbps	400 Kbps	SDIO_SMC
		TPS61280 (Boost-Driver)	0x75	0xEA	400 Kbps		
		CC02 (Wolf-Hub)	0x49 (+1/0)	0x92 (+1/0)	1 Mbps		
		Intra (Charger)	0x29	0x52	400 Kbps		
		SMC0348 (Wolf-Hub)	0x49	0x92	400 Kbps		
7	SMC SDIO	Hydra (Charger)	0x16	0x24	400 Kbps	400 Kbps	SDIO_SMC

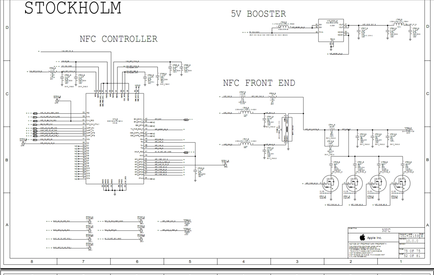






STOCKHOLM

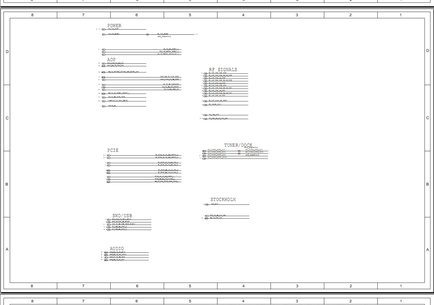
5V BOOSTER



NFC CONTROLLER

NFC FRONT END

POWER



RF SIGNALS

PCIE

TUNER/DCDC

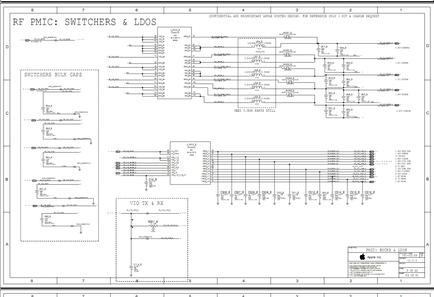
STOCKHOLM

SPI/USB

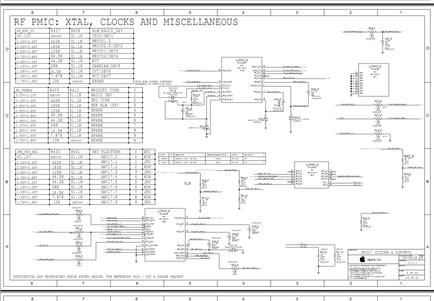
AUDIO

CONFIDENTIAL AND PROPRIETARY APPLE SYSTEM DESIGN. FOR REFERENCE ONLY - NOT A CHANGE REQUEST

RF PMIC: SWITCHERS & LDOS



RF PMIC: XTAL, CLOCKS AND MISCELLANEOUS



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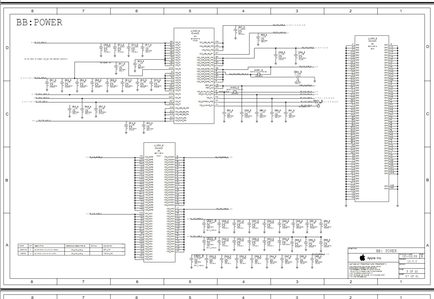
BB:POWER



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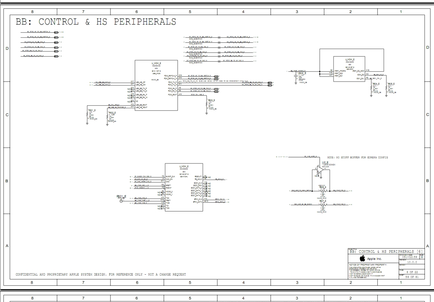

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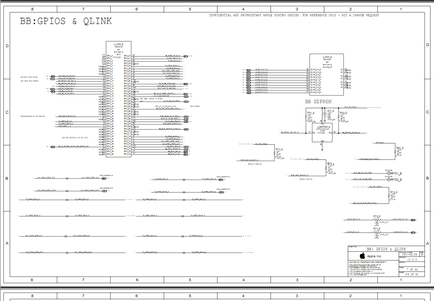

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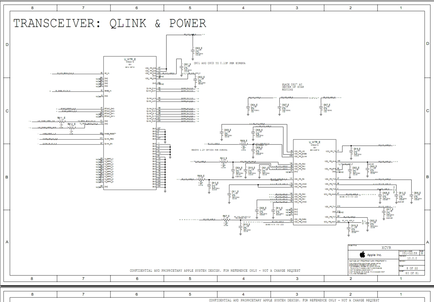

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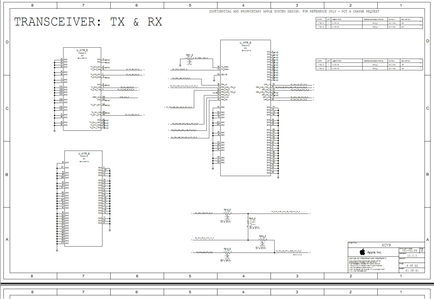

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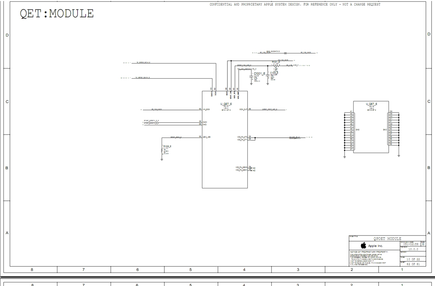

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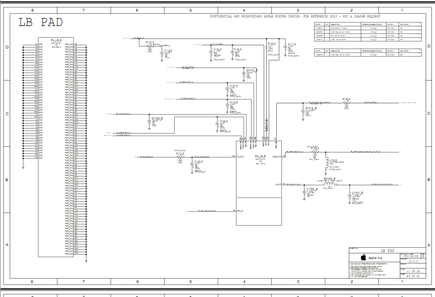

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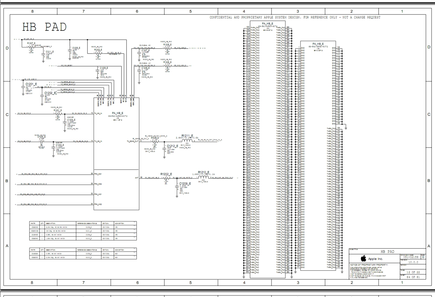
HB PAD



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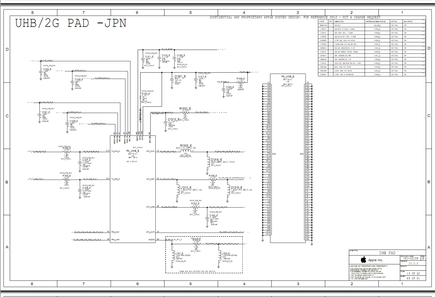
UHB/2G PAD -JPN



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U2102	2G PA-GSM/EDGE	TBD	TBD	TBD
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U2104	2G PA-GSM/EDGE	TBD	TBD	TBD
U2105	2G PA-GSM/EDGE	TBD	TBD	TBD
U2106	2G PA-GSM/EDGE	TBD	TBD	TBD
U2107	2G PA-GSM/EDGE	TBD	TBD	TBD

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2G PA - ROW

REF DES	PART DESCRIPTION	MANUFACTURER	MFG PN	MFG PN
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U2106	2G PA-GSM/EDGE	TBD	TBD	TBD
U2107	2G PA-GSM/EDGE	TBD	TBD	TBD

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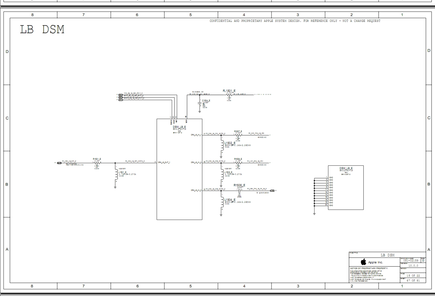
LB DSM



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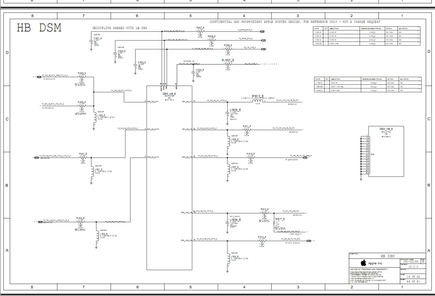
HB DSM



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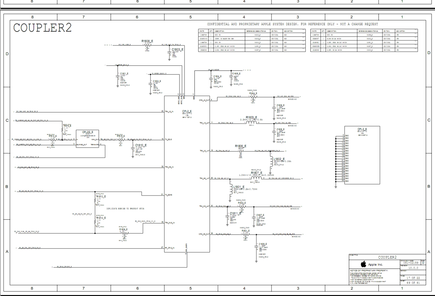
COUPLER2



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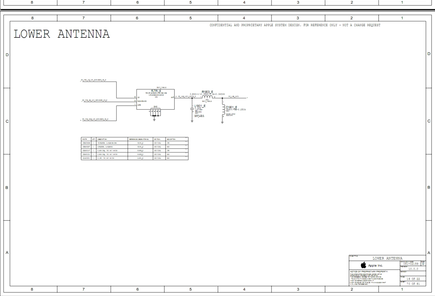
LOWER ANTENNA



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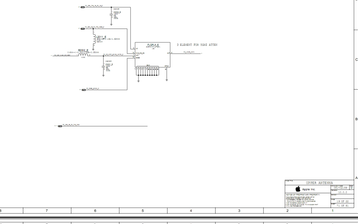
UAT & LB/UHB DIPLEXER



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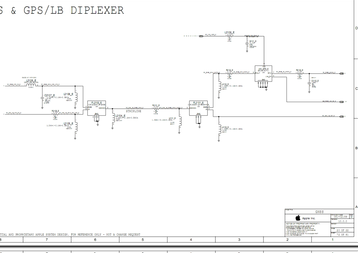

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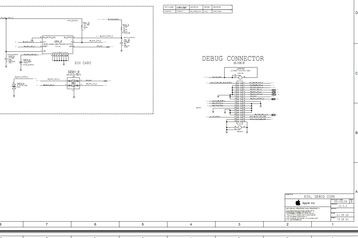

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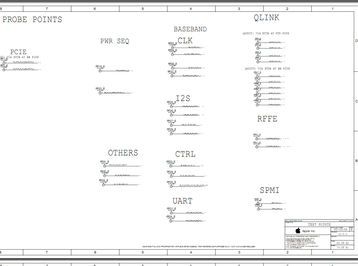

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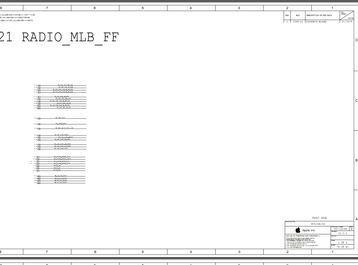

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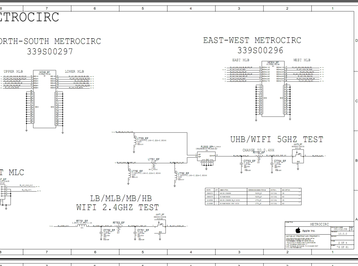

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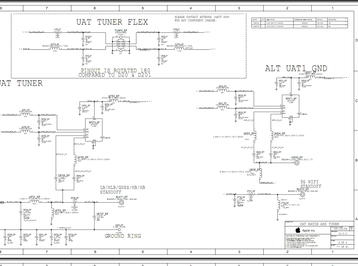

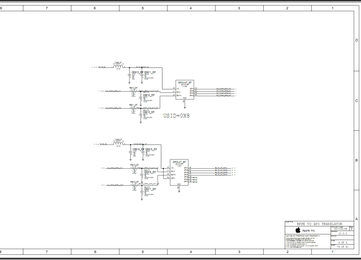

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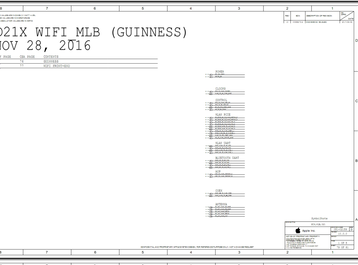
NOV 28, 2016



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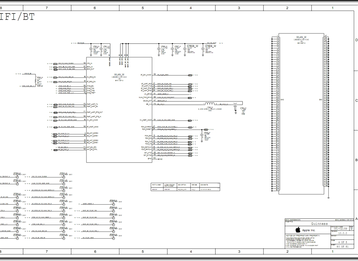

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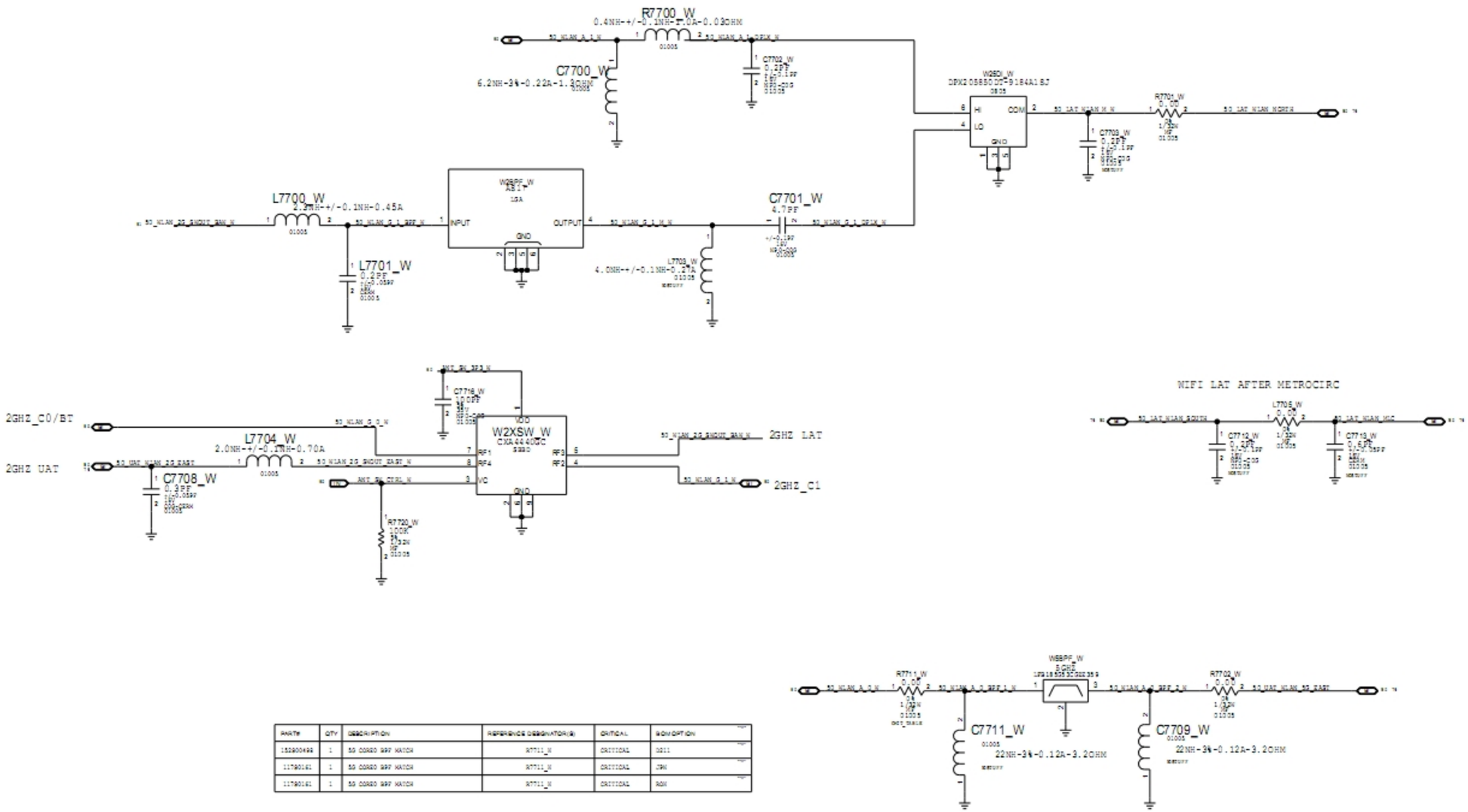

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11790161	1	50 CORDS 99F MATCH	R7711_W	CRITICAL	JPN
11790161	1	50 CORDS 99F MATCH	R7711_W	CRITICAL	ROK

SVNC DATE=11/28/2016

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DRAWING NUMBER: 051-02159 SIZE: D

REVISION: 10.0.0

BRANCH:

PAGE: 5 OF 5

SHEET: 81 OF 81

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