

87654321

1. ALL RESISTANCE VALUES ARE IN OHMS, 0.1 WATT +/- 5%.

2. ALL CAPACITANCE VALUES ARE IN MICROFARADS.

3. ALL CRYSTALS & OSCILLATOR VALUES ARE IN HERTZ.

REV

ECN

DESCRIPTION OF REVISION

CK APPD
DATE

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0001340220

ENGINEERING RELEASED

2012-01-13

SCHEM,PCB,LIO,J11

Proto 1B, 2012-01-13

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Schematic / PCB #'s

PART NUMBER	QTY	DESCRIPTION	REFERENCE DES	CRITICAL	BOM OPTION
051-9282	1	SCHEM,PCB,LIO,J11	SCH	CRITICAL	
820-3213	1	PCBF,LIO,J11	PCB	CRITICAL	

MCO: 056-4710 MCO,LIO,J11

PRODUCT SAFETY REQUIREMENTS:

PCB, UL RECOGNIZED, MIN. 130-C TEMP. RATING AND V-0 FLAME RATING PER UL 796 & UL 94.

PCB TO BE SILKSCREENED WITH UL/CUL RECOGNITION MARK, MANUFACTURER'S UL FILE

NUMBER, UL PCB MATERIAL DESIGNATION, 130-C TEMP. RATING AND V-0 FLAME RATING

SCHEM,PCB,LIO,J11

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051-9282

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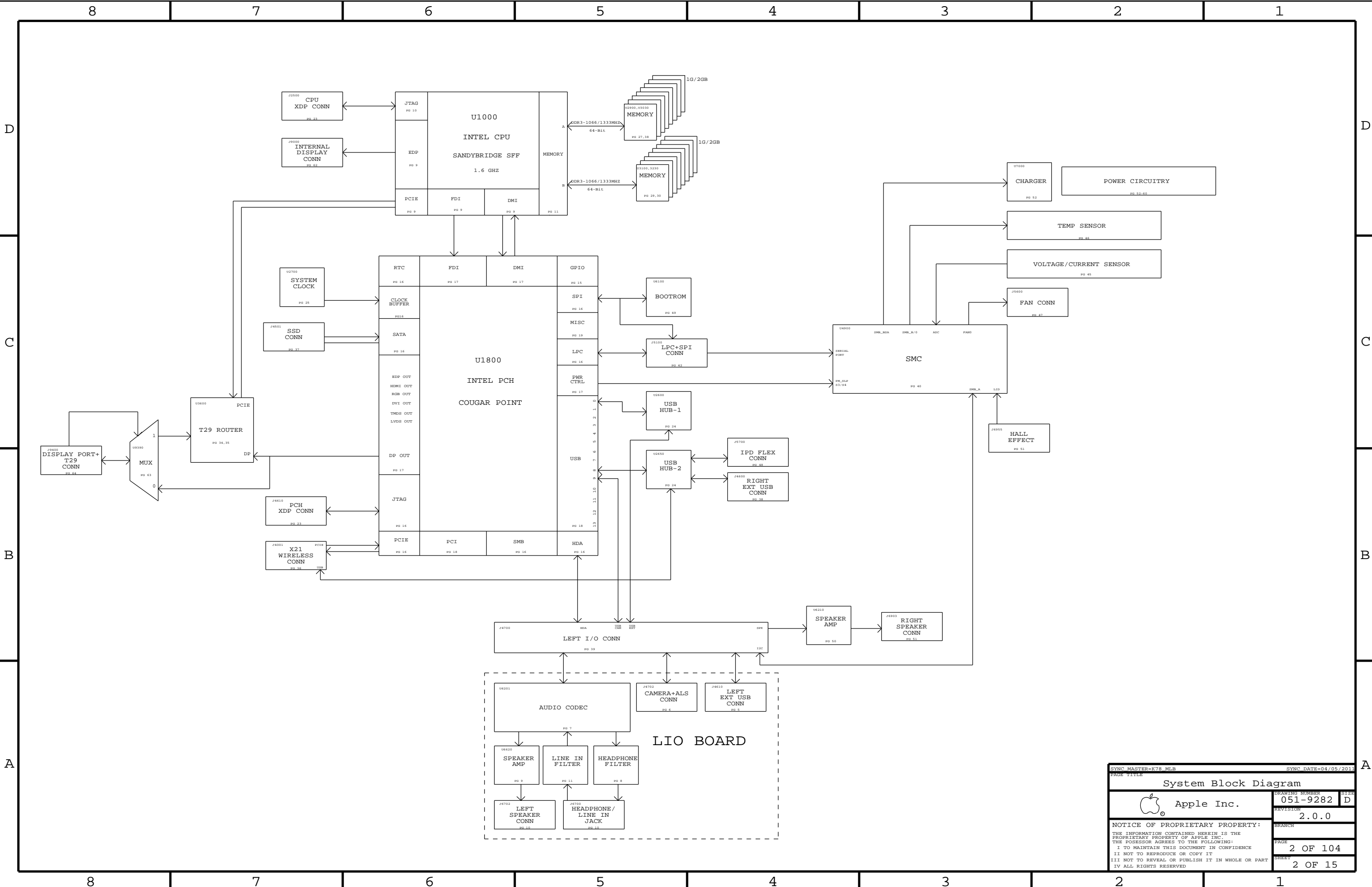
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BOM Variants

BOM NUMBER	BOM NAME	BOM OPTIONS
639-3071	PCBA,LIO,J11	COMMON,ALTERNATE,MIKEY,GLUE,CONN:MG,SOPHIA,CMC:SOLID_STATE

EEEE: DTLR

Connector variants

PART NUMBER	QTY	DESCRIPTION	REFERENCE DES	CRITICAL	BOM OPTION
514-0741	1	CONN,RCPT,AUDIO,K99	J6700	CRITICAL	CONN:MG
514-0807	1	CONN,RCPT,AUDIO,K21_K78	J6700	CRITICAL	CONN:SE

USB Shield Can

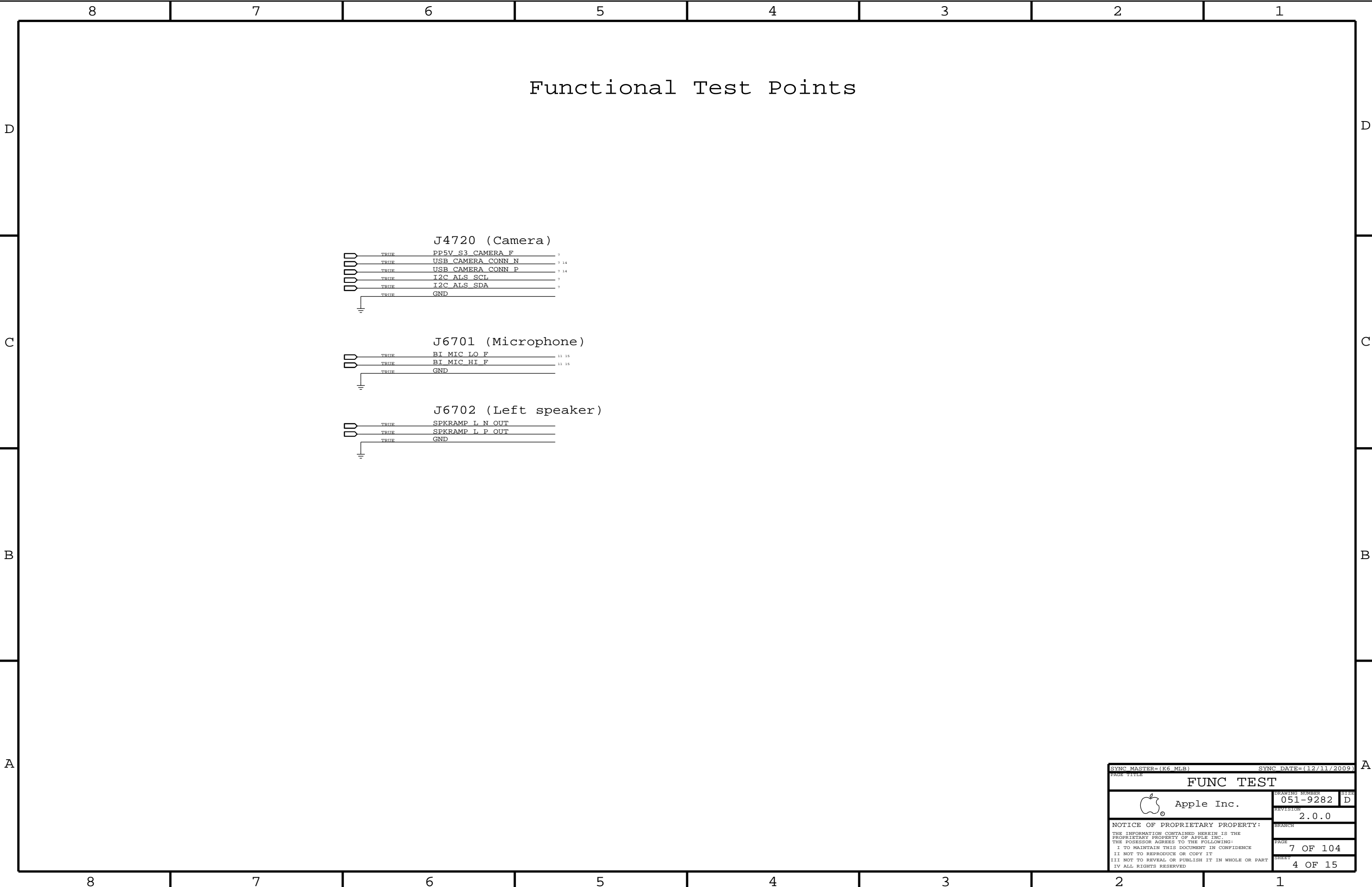
PART NUMBER	QTY	DESCRIPTION	REFERENCE DES	CRITICAL	BOM OPTION
806-3084	1	SHLD,USB,LIO,J11/J13	USB_CAN	CRITICAL	

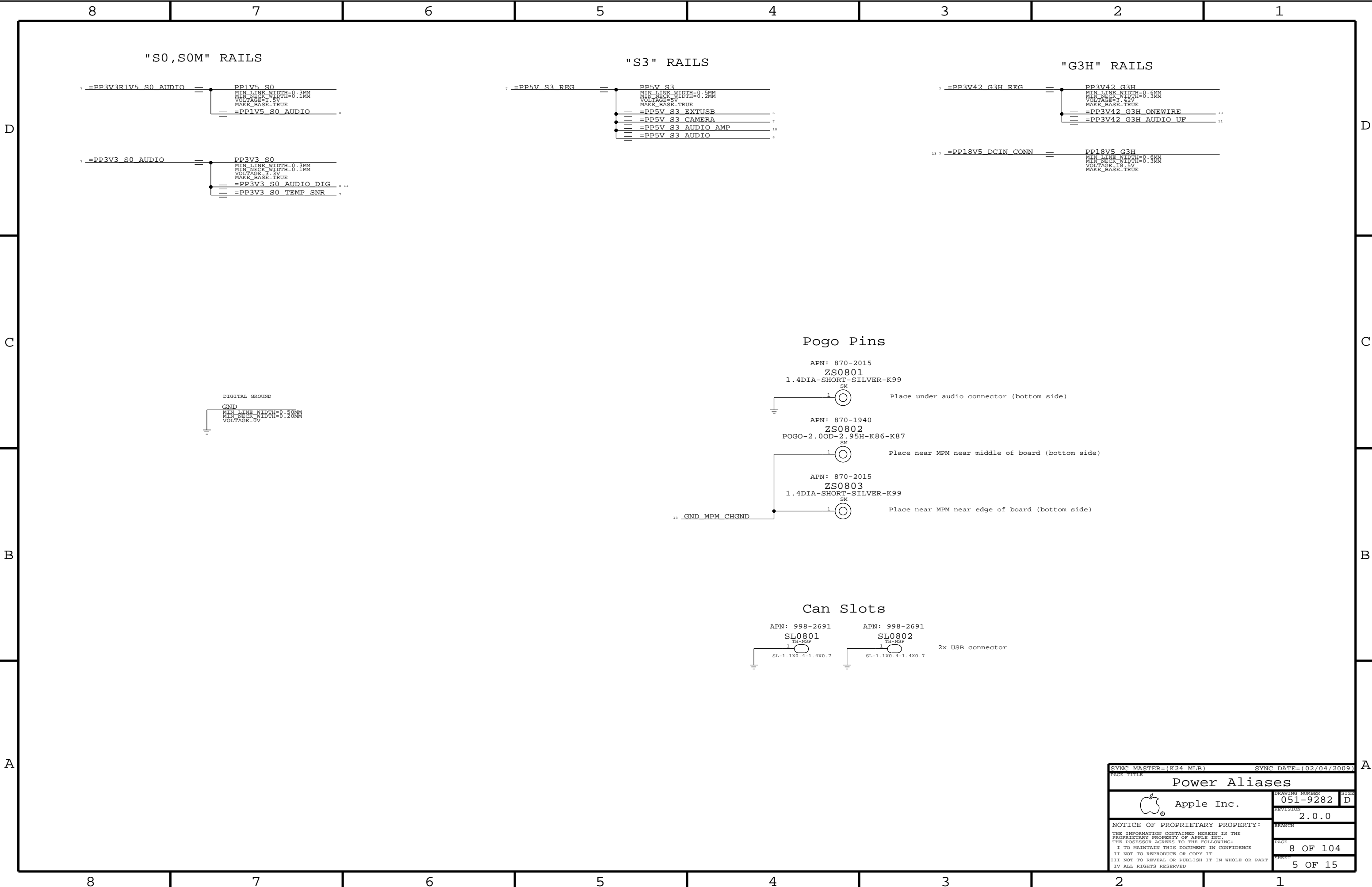
UV Glue

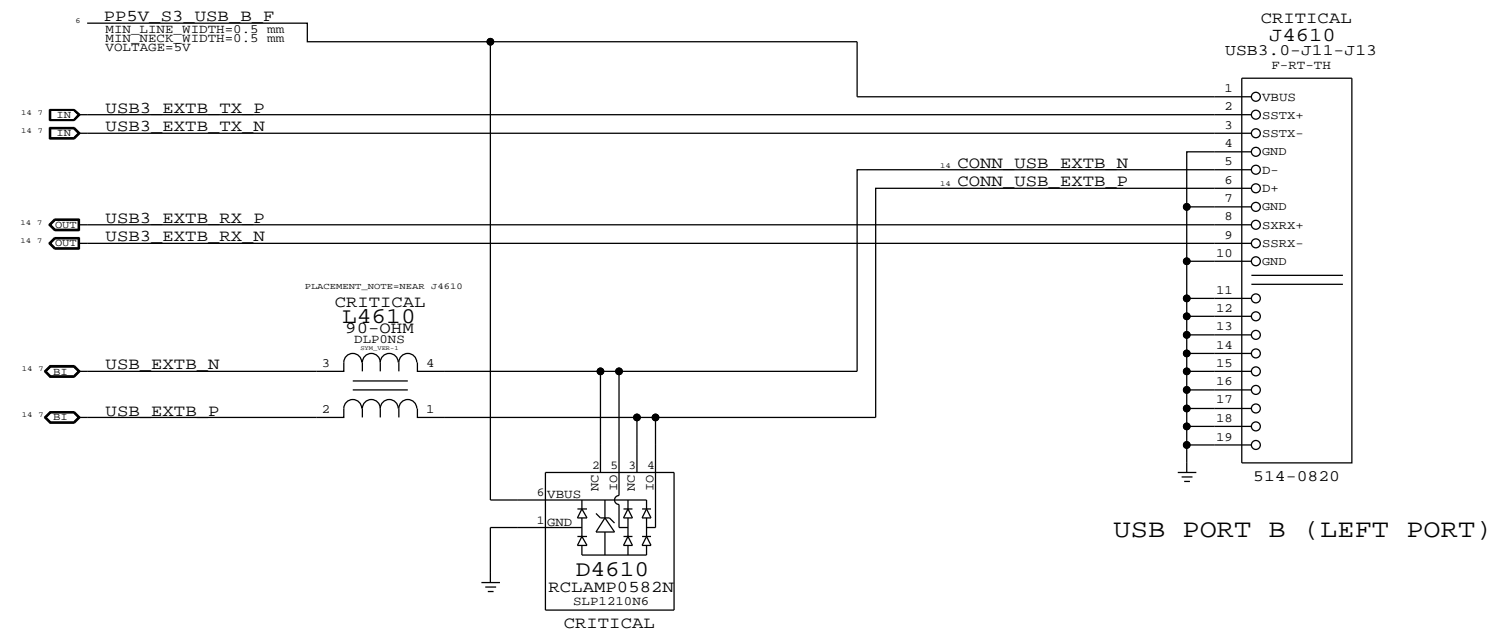
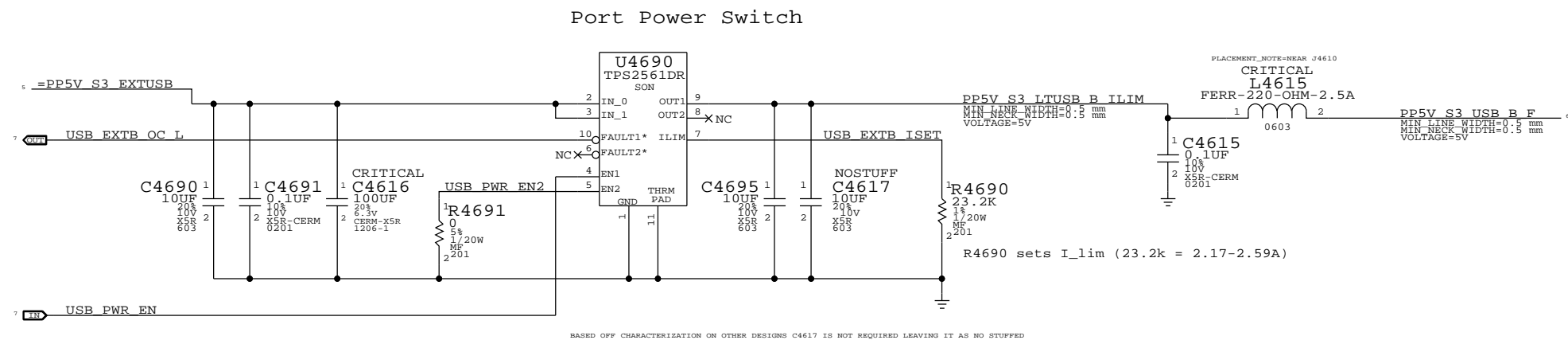
PART NUMBER	QTY	DESCRIPTION	REFERENCE DES	CRITICAL	BOM OPTION
946-3092	1	LIO LOCTITE UV EB 0.08, K78	UV_GLUE	CRITICAL	GLUE


Alternate Parts

PART NUMBER	ALTERNATE FOR PART NUMBER	BOM OPTION	REF DES	COMMENTS:
155S0694	155S0387		ALL	Murata alt to TDK
155S0661	155S0511		ALL	Murata alt to TDK
155S0660	155S0513		ALL	Murata alt to TDK







SYNC MASTER=J13 LIO		SYNC DATE=09/22/2011	
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External USB Connectors			
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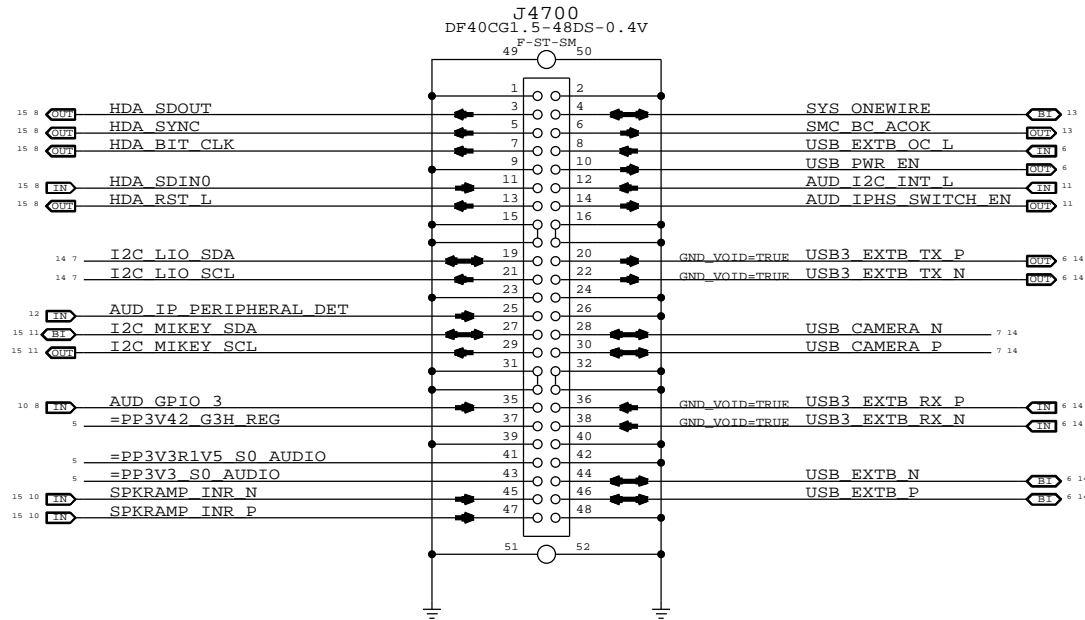
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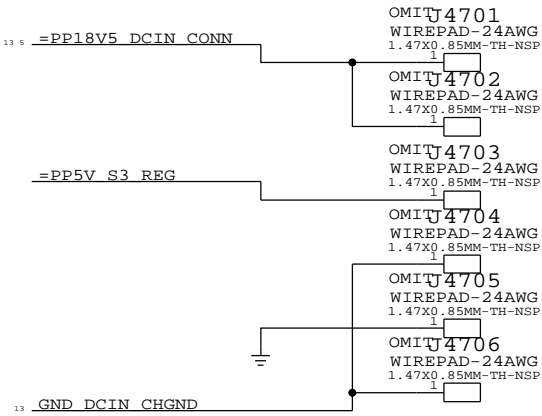
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40 (48) Pin LIO Flex Connector
APN: 998-4616 (1.5mm Hirose Receptacle)



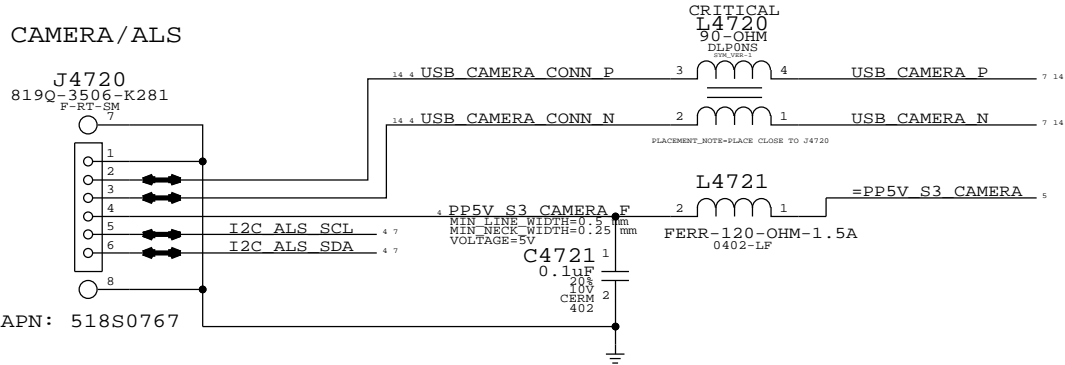
Note: The following pins MUST be GND on J4700 because they connect to the shield:
Pins 15-18, 31-34

LIO POWER

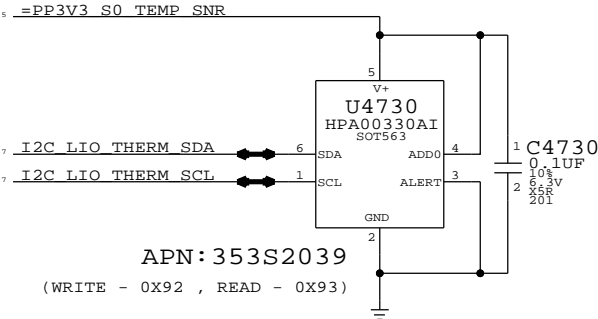


SPACE THE HOLES 2MM APART CENTER TO CENTER

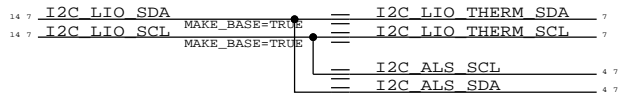
CAMERA/ALS



Temp Sensor

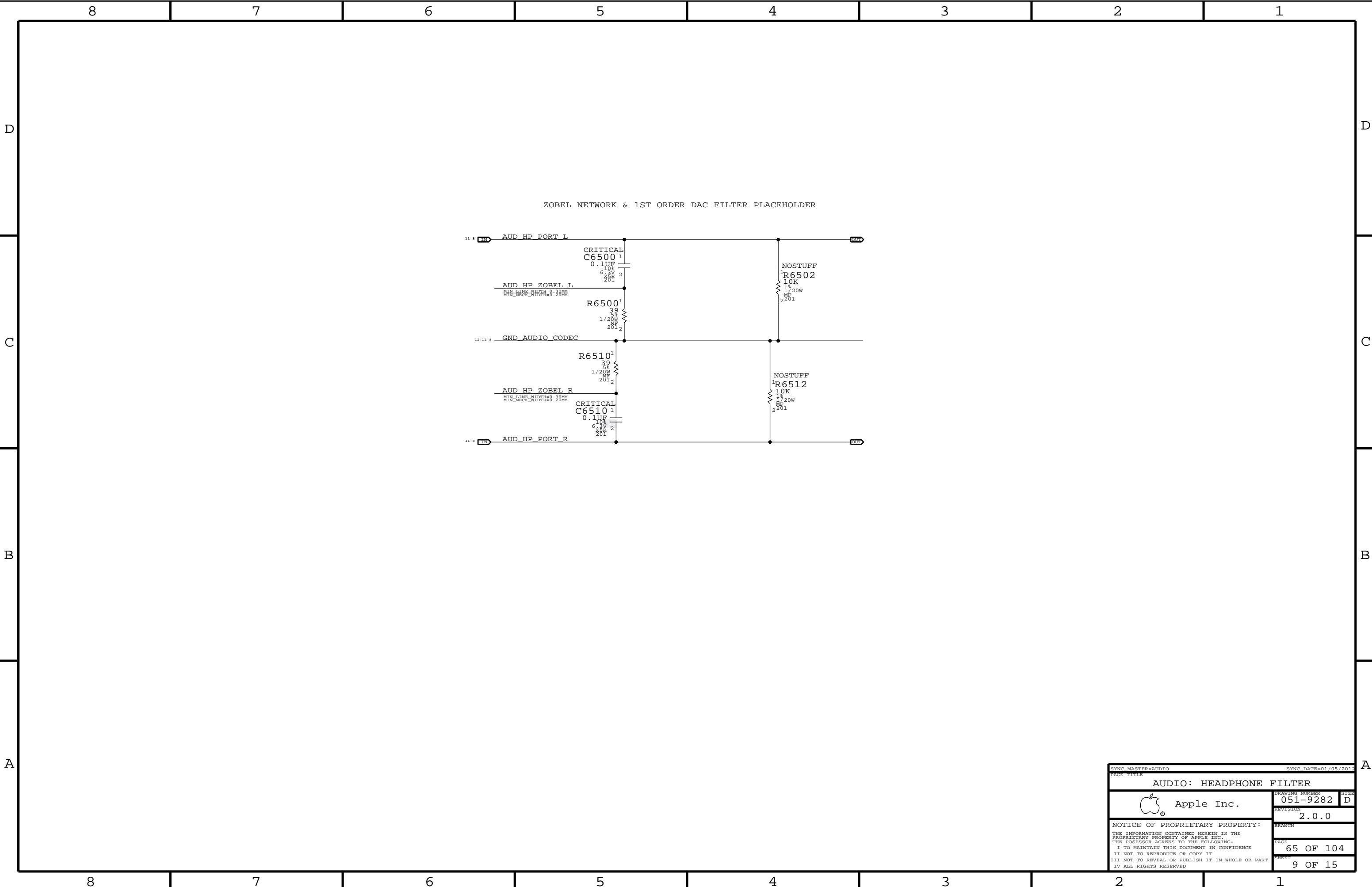


I2C aliases



APN: 353S2039
(WRITE - 0X92, READ - 0X93)

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LIO CONNECTORS		DRAWING NUMBER	
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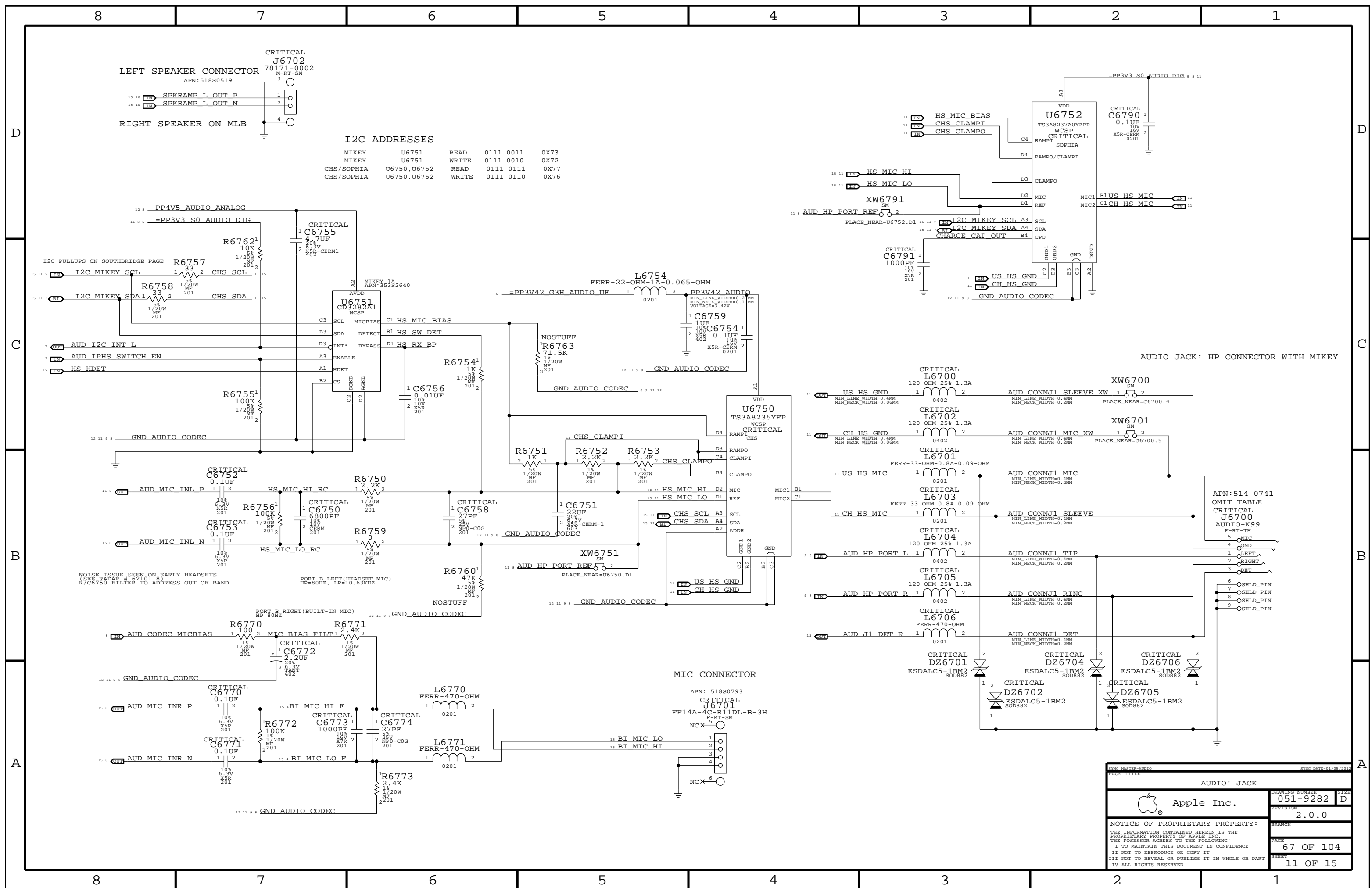
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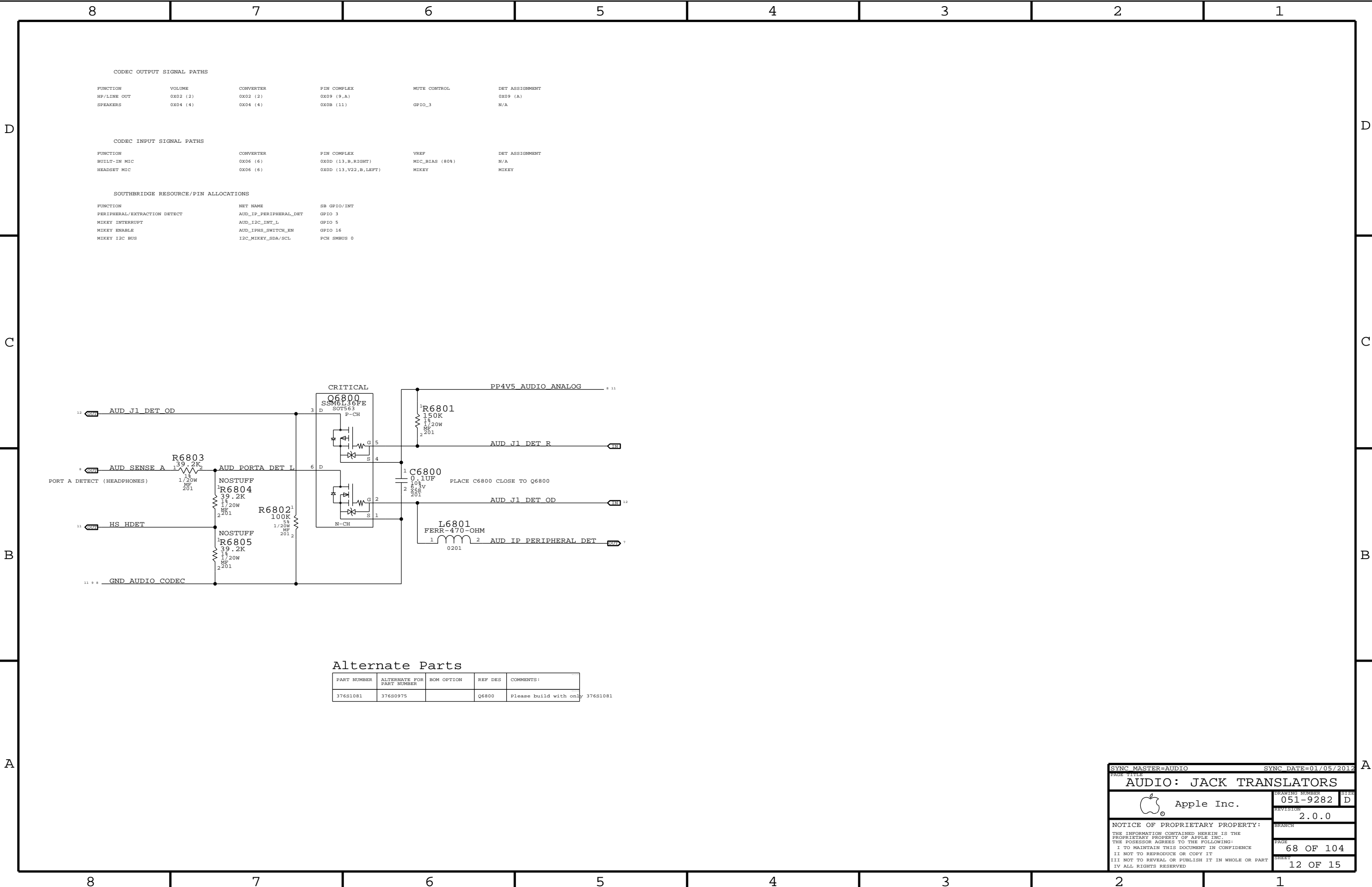
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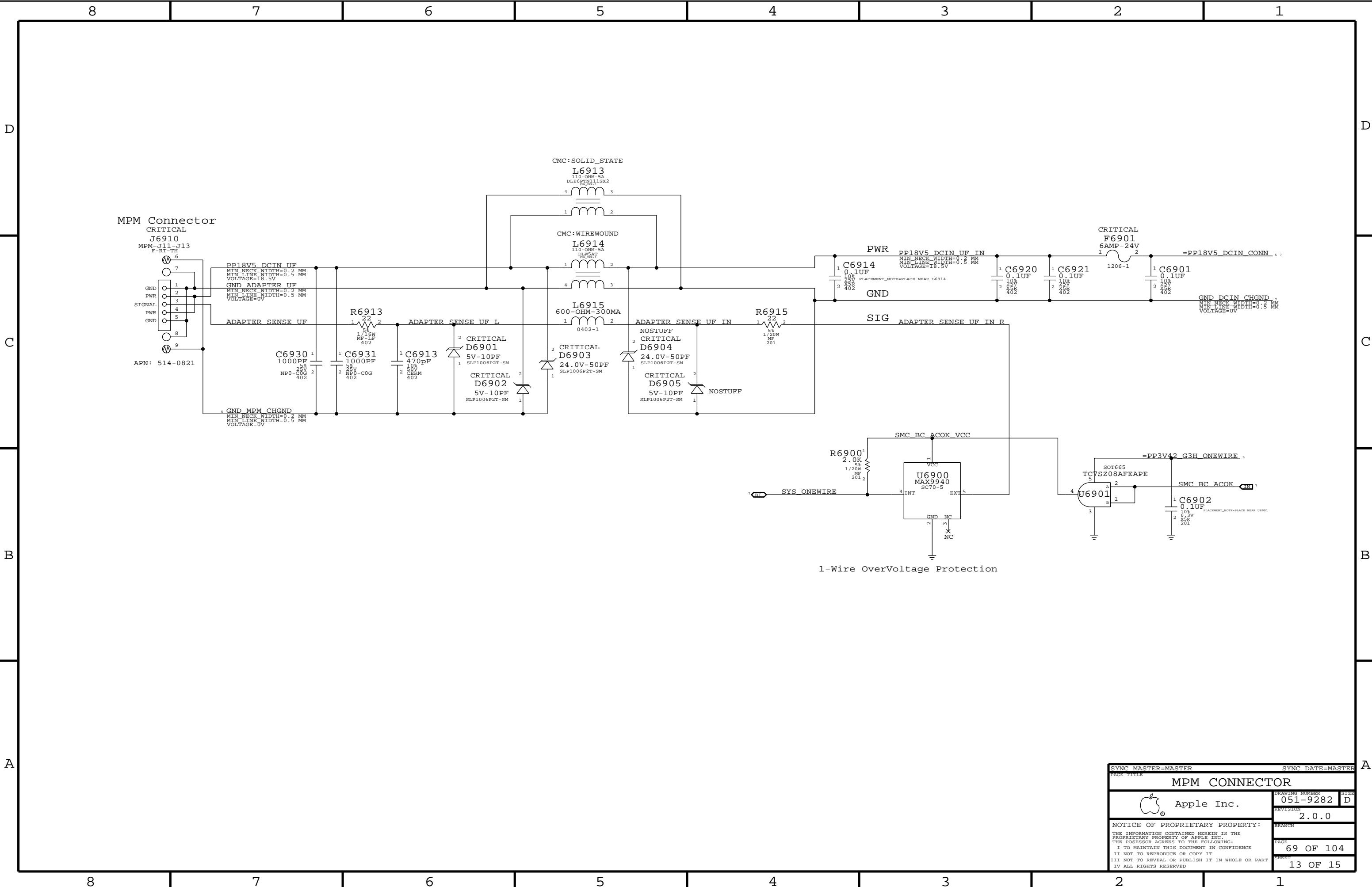
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BENC MASTER-AUDIO		SYNC DATE=01/05/2012	
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AUDIO0: SPEAKER AMP			
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