

8

7

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3

2

1

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

ZONE

ECN

DESCRIPTION OF CHANGE

CK APPD

DATE

ENG APPD

DATE

?

?

SCHEM,LIO,MBP17

05/07/07

PDF PAGE

CSA PAGE

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SYNC MASTER

DATE

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11/27/2006

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04/10/2007

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04/10/2007

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11/27/2006

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05/04/2007

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05/04/2007

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AUDIO: HEADPHONE AMP

M76\_AUDIO

05/04/2007

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(MASTER)

(MASTER)

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ALIASES

RESOLVED

PART#

QTY

DESCRIPTION

REFERENCE DESIGNATOR(S)

CRITICAL

BOM OPTION

051-7268

1

SCHEM,LIO,MBP17

SCH

CRITICAL

820-2140

1

PCBF,LIO,MBP17

PCB

CRITICAL

DIMENSIONS ARE IN MILLIMETERS

XX :

X.XX :

X.XXX :

ANGLES :

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

METRIC

DRAFTER

ENG APPD

QA APPD

RELEASE

DESIGN CK

MFG APPD

DESIGNER

SCALE

SIZE

D

MATERIAL/FINISH

NOTED AS

APPLICABLE

Apple Computer Inc.

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TITLE

SCHEM,LIO,MBP17

DRAWING NUMBER

051-7268

REV.

A.0.0

SHT

1

OF

24

8

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6

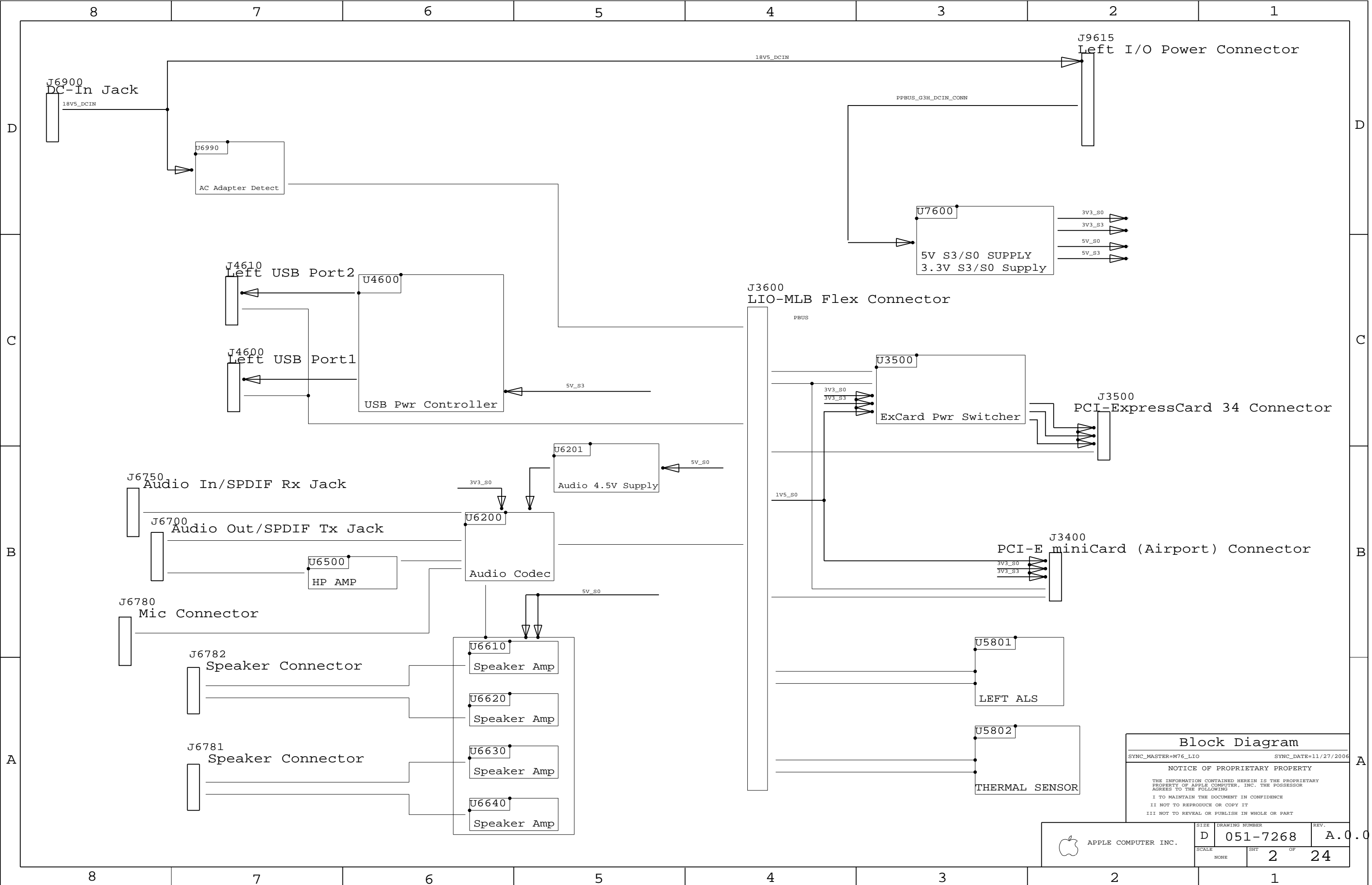
5

4

3

2

1



8

7

6

5

4

3

2

1

BOM NUMBER		BOM NAME			BOM OPTIONS									
630-7980		PCBA, LIMA, M76			COMMON									

PART NUMBER	ALTERNATE FOR PART NUMBER	BOM OPTION	REF DES	COMMENTS:
353S1297	353S1717		U6990	TI Alt Src

BAR CODE LABEL / EEE#'S

PART NUMBER	QTY	DESCRIPTION	REFERENCE DES	CRITICAL	BOM OPTION
000-0041	1	LBL, P/N LABEL, PCB	[EEE:XBD]	CRITICAL	

PART#	QTY	DESCRIPTION	REFERENCE DESIGNATOR(S)	CRITICAL	BOM OPTION
815-8851	1	ALS SPACER, M9	SP6401	CRITICAL	

APPLE COMPUTER INC.

SIZE

D

DRAWING NUMBER

051-7268

REV.

A.0.0

SCALE

NONE

SHT

3

OF

24

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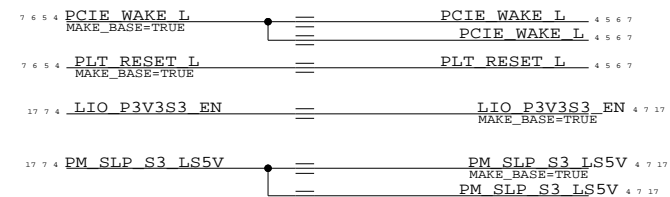
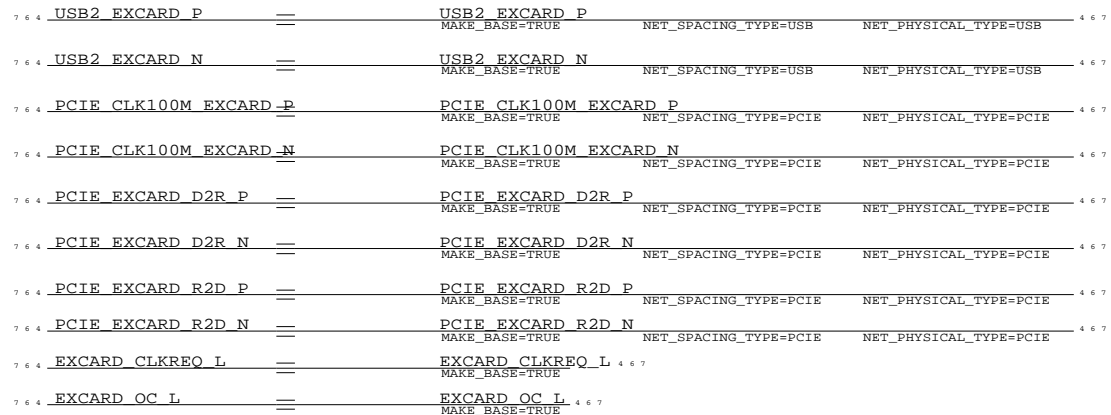
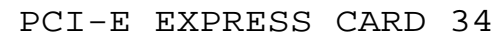
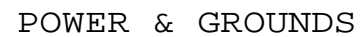
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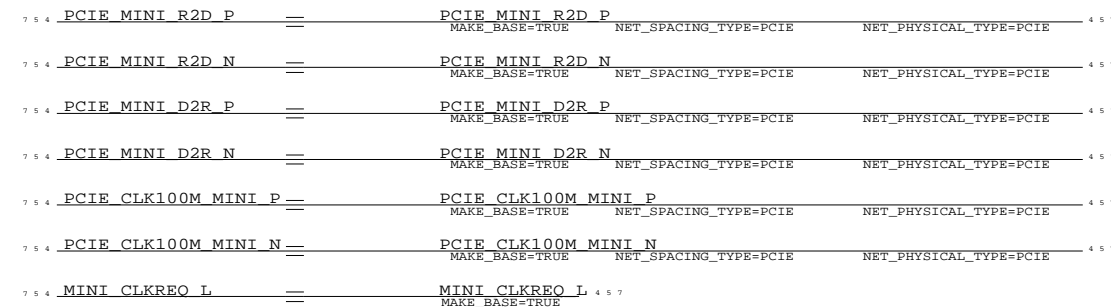
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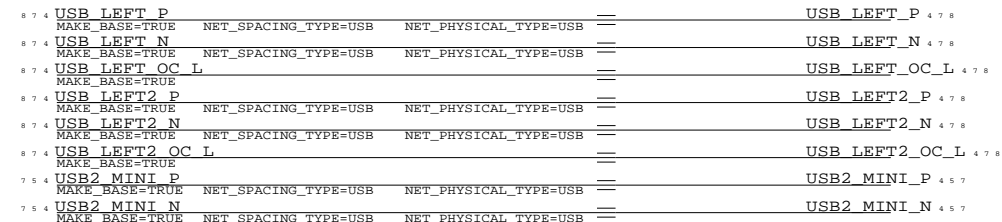
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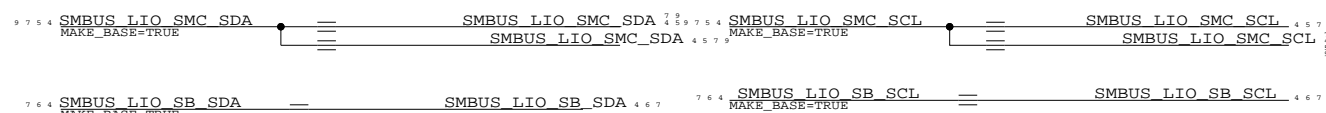
## PCI-E MINICARD



## USB



## SMBUS



## Aliases

	SYNC_MASTER=M76_LIO	SYNC_DATE=11/27/2006
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SIZE	DRAWING NUMBER	REV.
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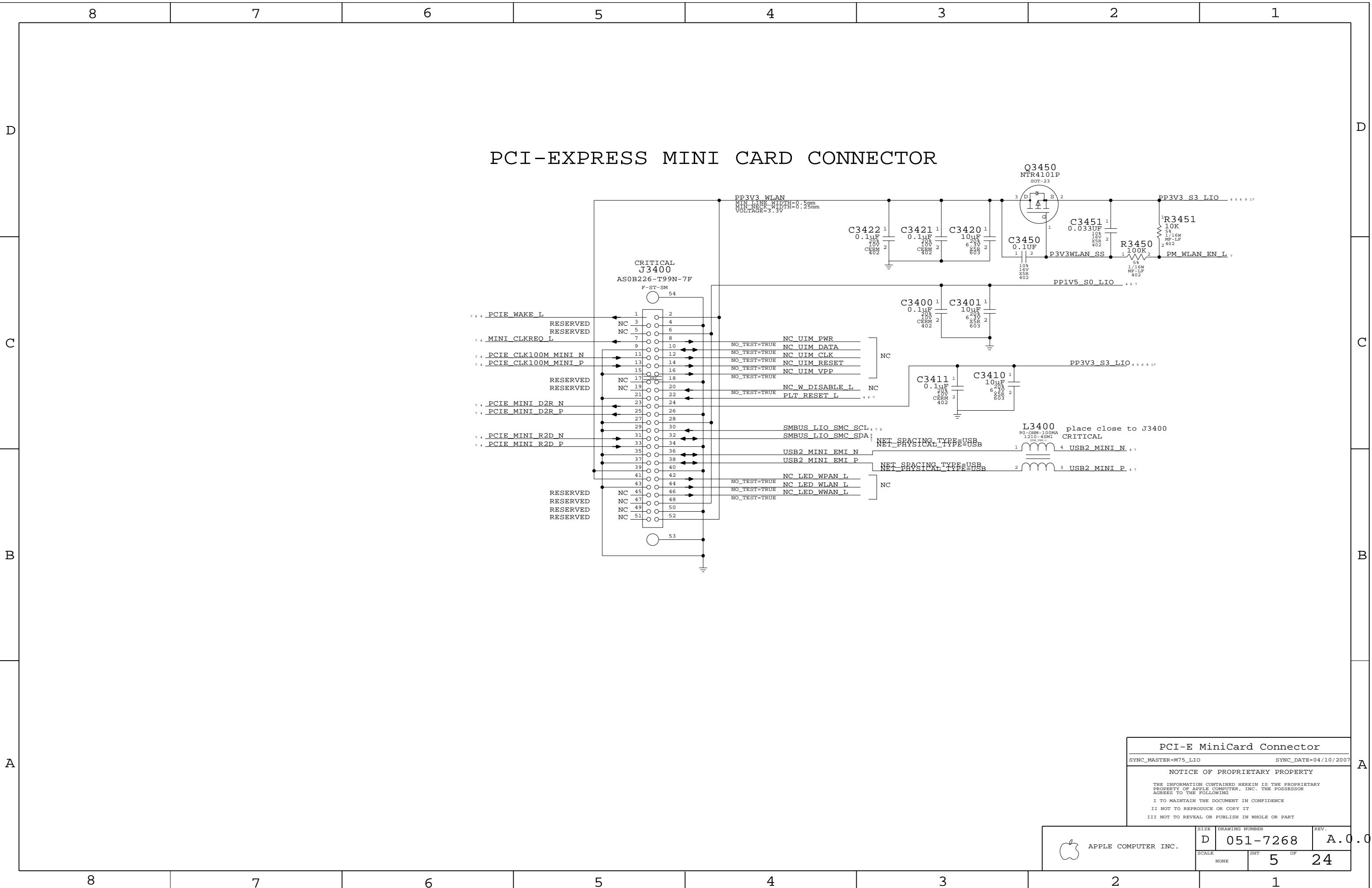
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*J.*

A.0.0

SCALE	SHT	OF
	1	24

NONE	4	24
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D

C

B

A

D

C

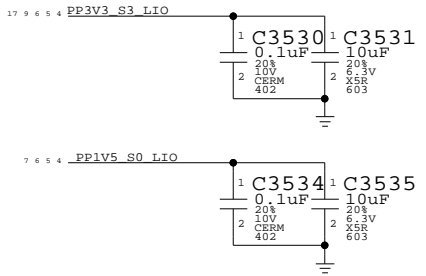
B

A

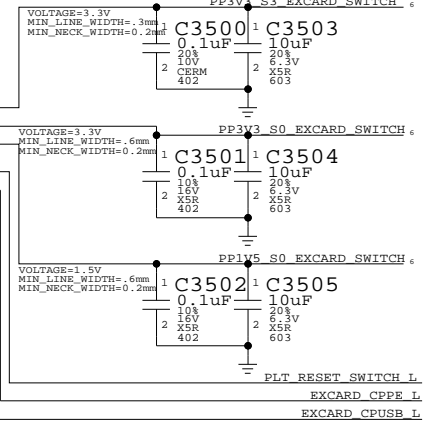
EXPRESSCARD/34 TOP MOUNT CONNECTOR

CARD CAGE CONNECTOR  
CRITICAL  
J3500  
237-5300703903-2  
P-RT-SM

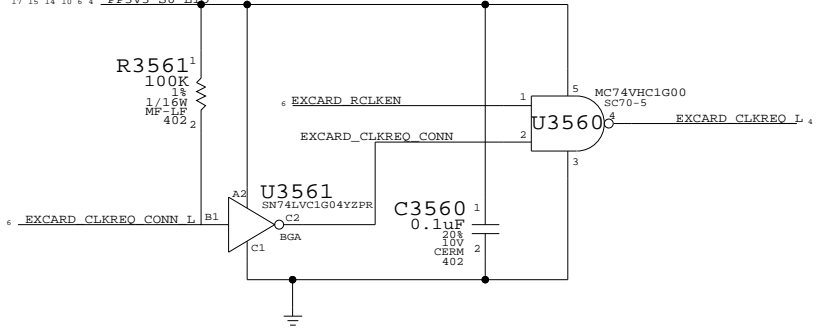
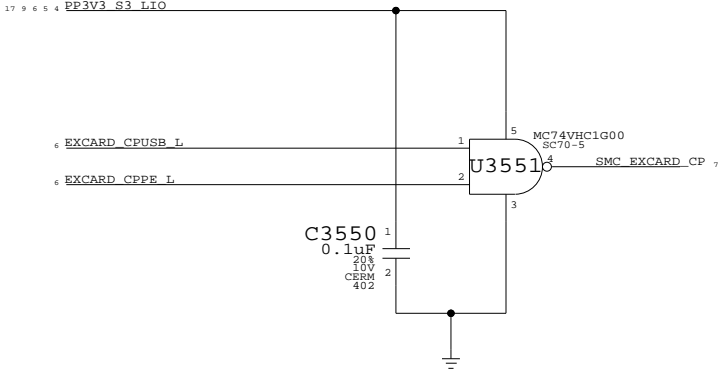
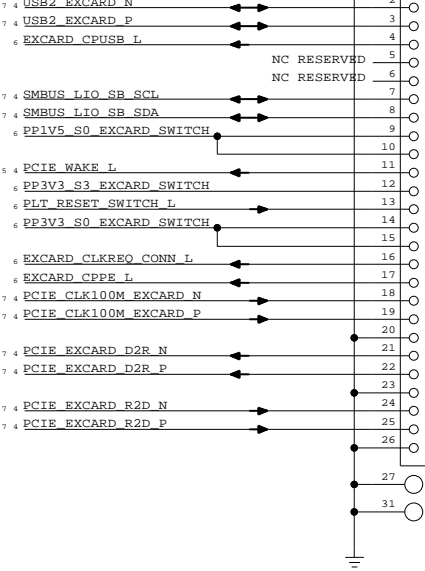
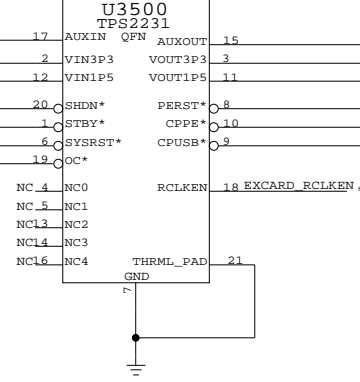
INPUT DECOUPLING



OUTPUT DECOUPLING



CRITICAL



ExpressCard Connector

SYNC\_MASTER=M75\_LIO SYNC\_DATE=04/10/2007

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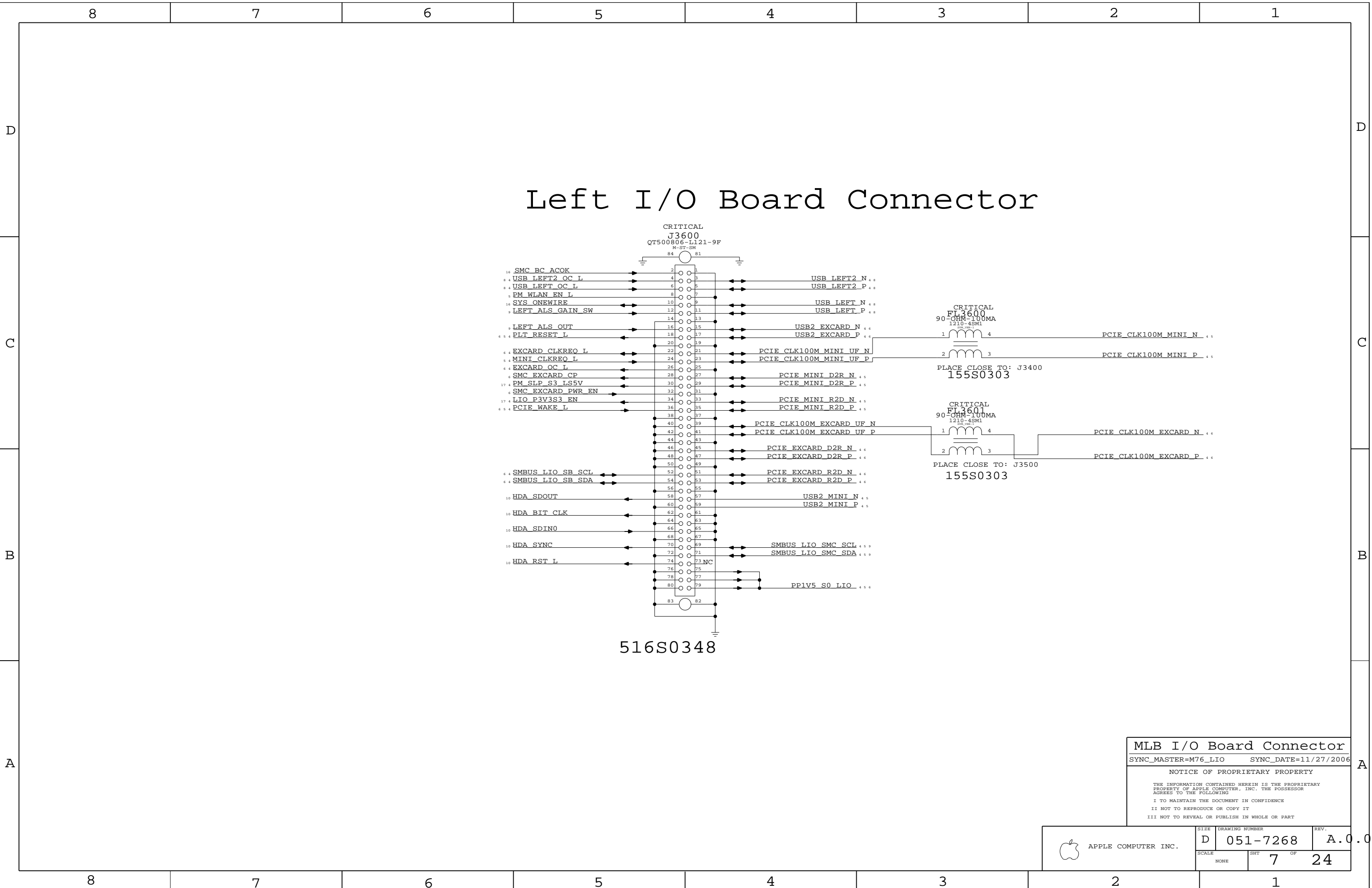
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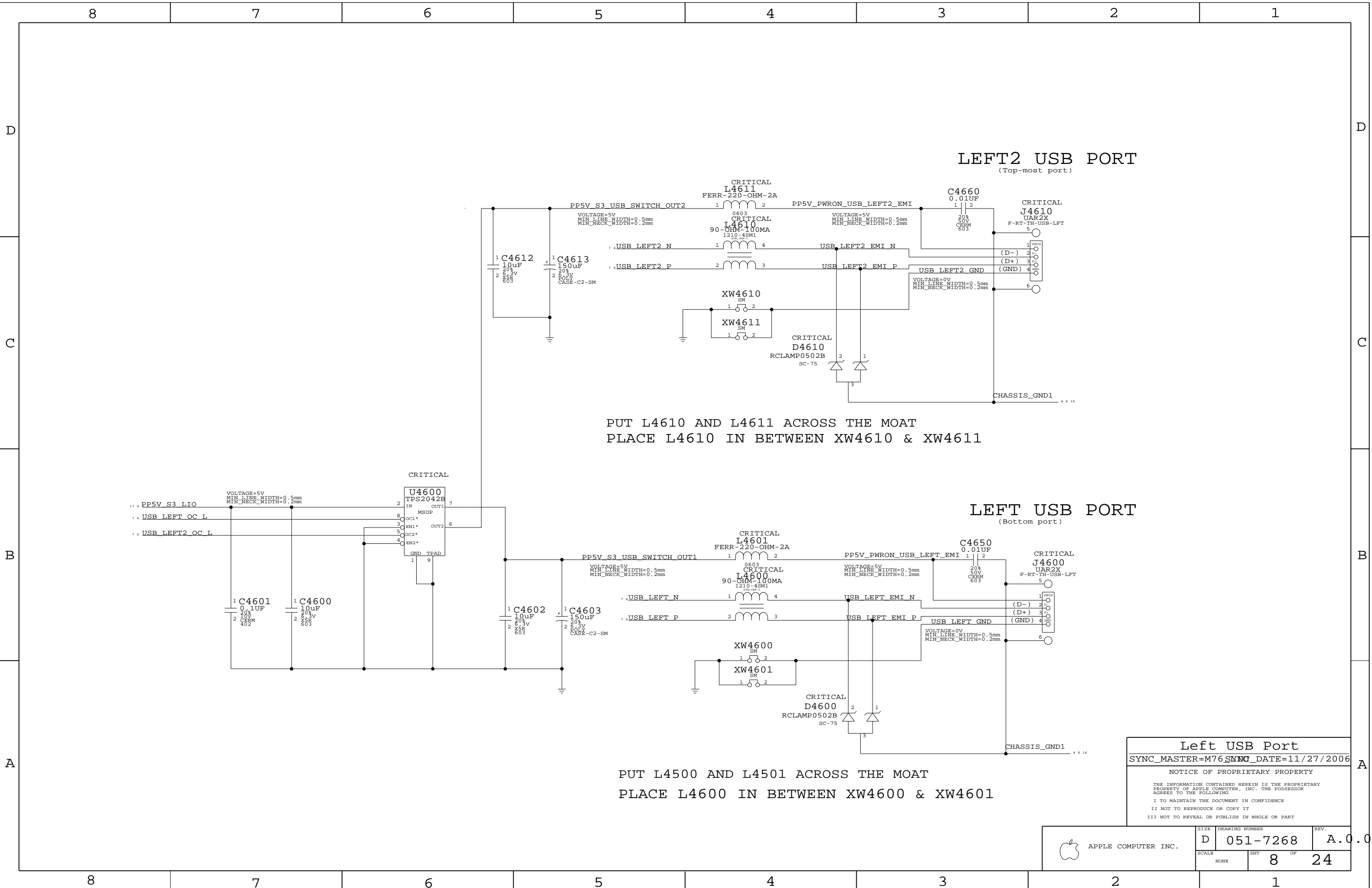
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	D	051-7268	A.0.0
SCALE		SHT	OF
NONE		6	24





PUT L4610 AND L4611 ACROSS THE MOAT  
PLACE L4610 IN BETWEEN XW4610 & XW4611

PUT L4500 AND L4501 ACROSS THE MOAT  
PLACE L4600 IN BETWEEN XW4600 & XW4601

Left USB Port

SYNC\_MASTER=M76 SYNC\_DATE=11/27/2006

NOTICE OF PROPRIETARY PROPERTY

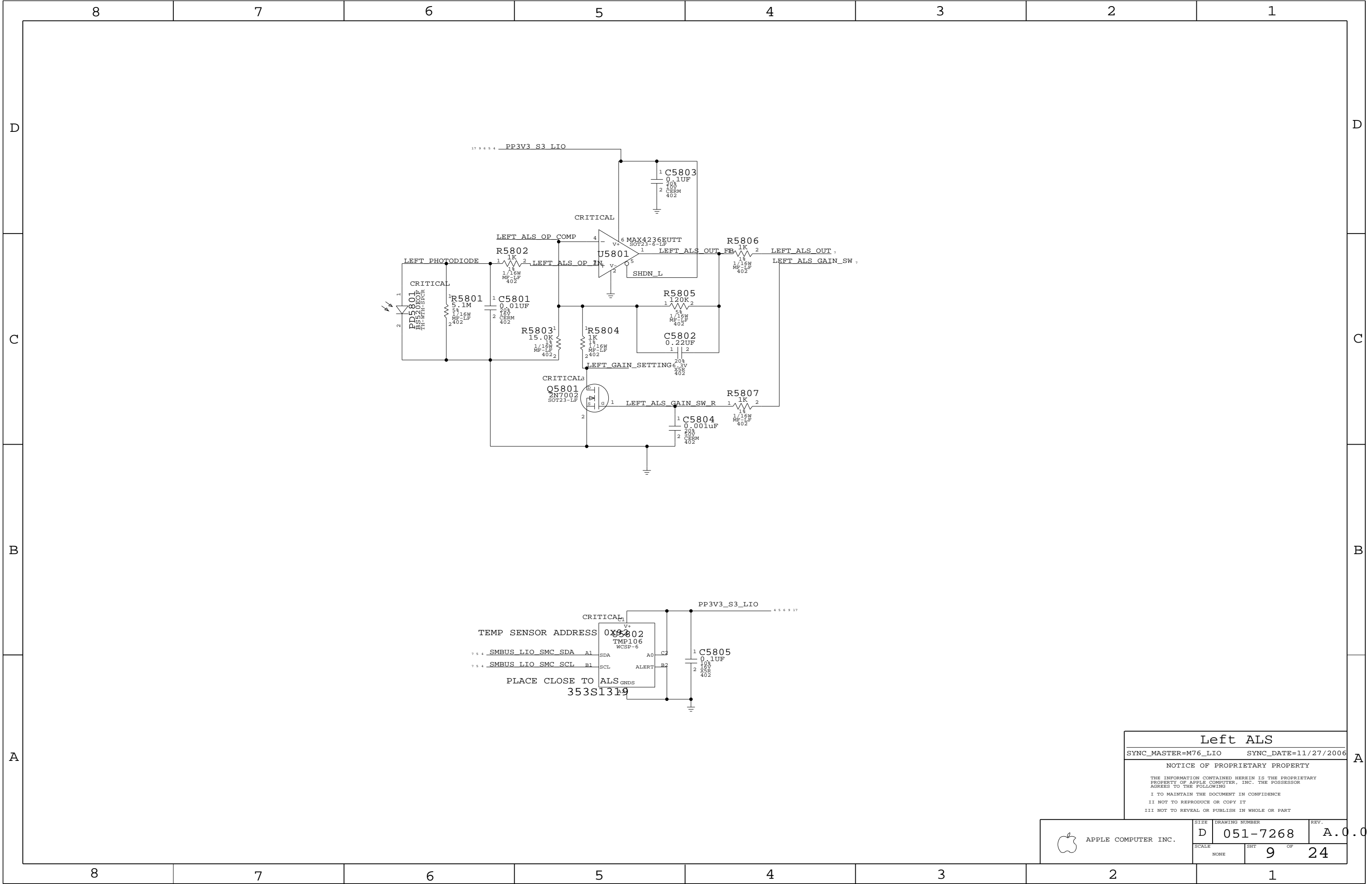
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SCALE		SHT	OF
NONE		8	24



Left ALS

SYNC\_MASTER=M76\_LIO

SYNC\_DATE=11/27/2006


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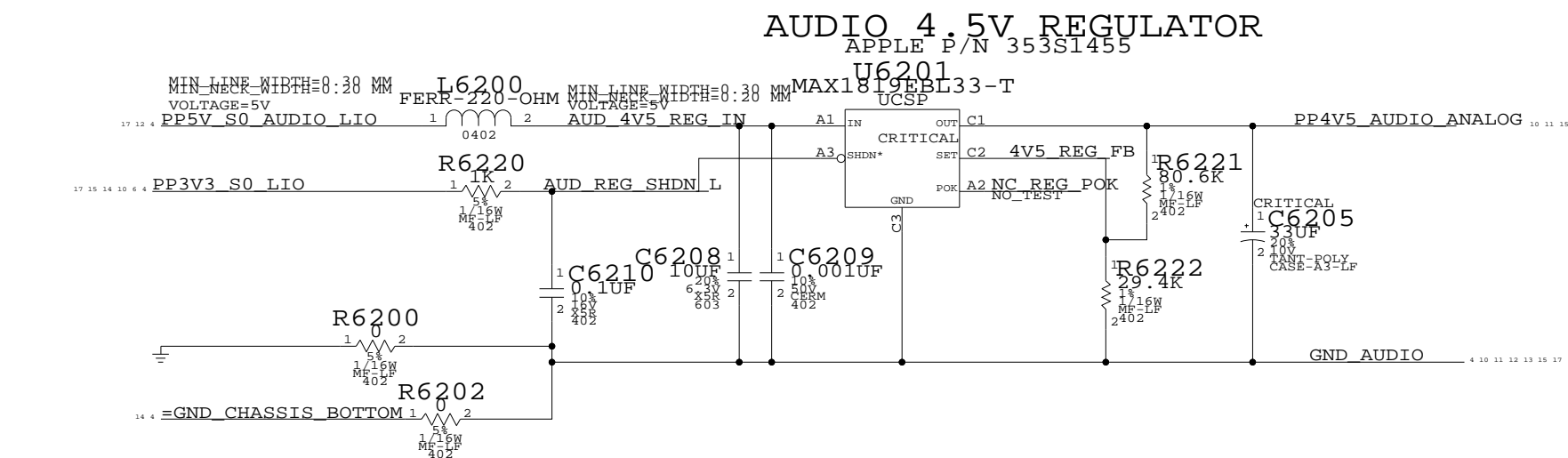
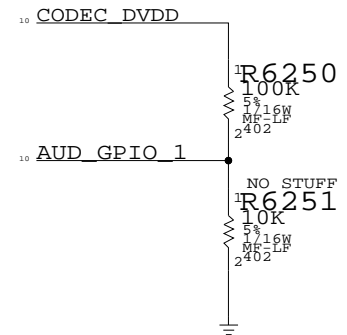
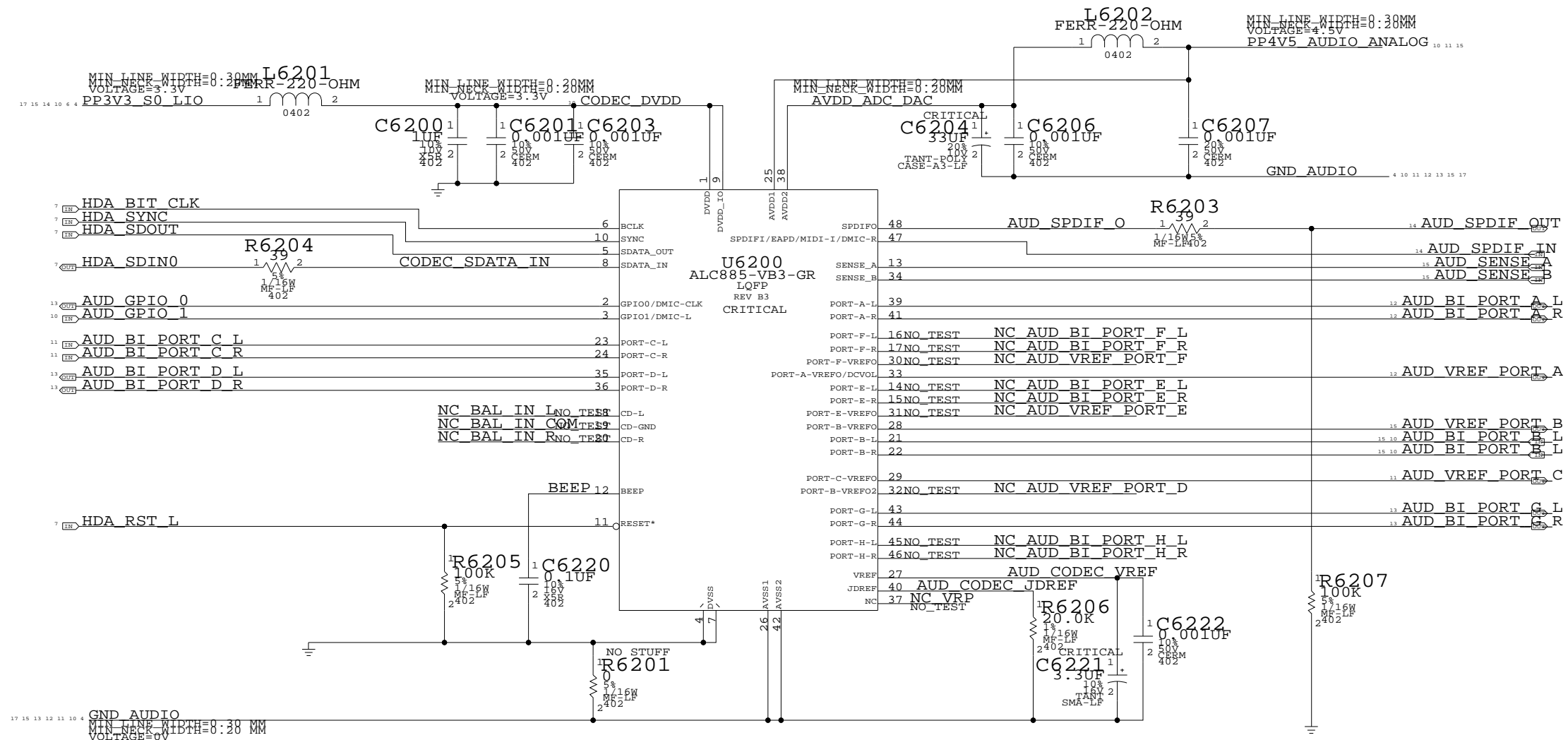
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SCALE		SHT	OF
NONE		9	24



~~AUDIO:CODEC~~

SYNC_MASTER=SYNC_ADATE=05/04/2007
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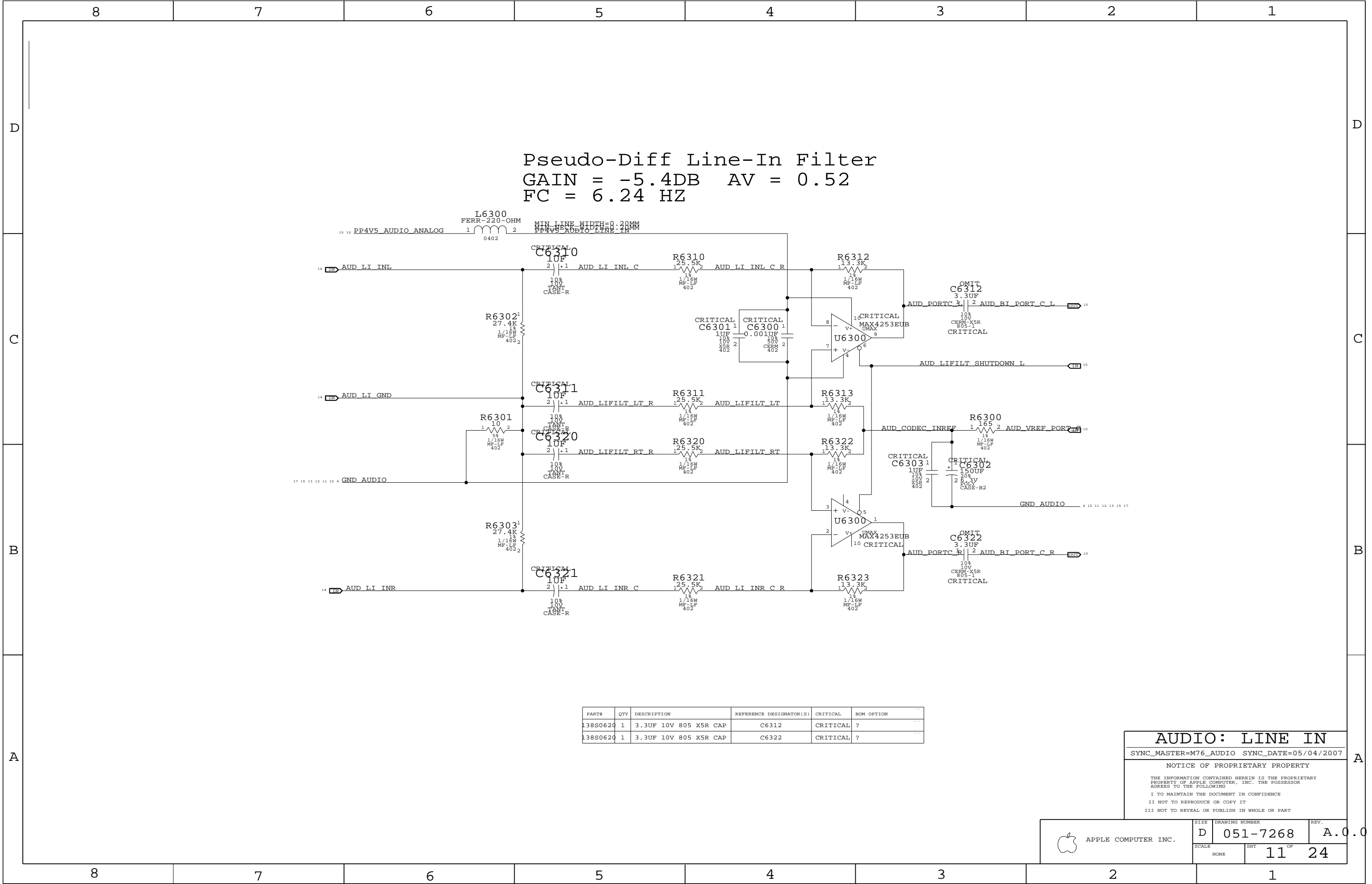
REV.

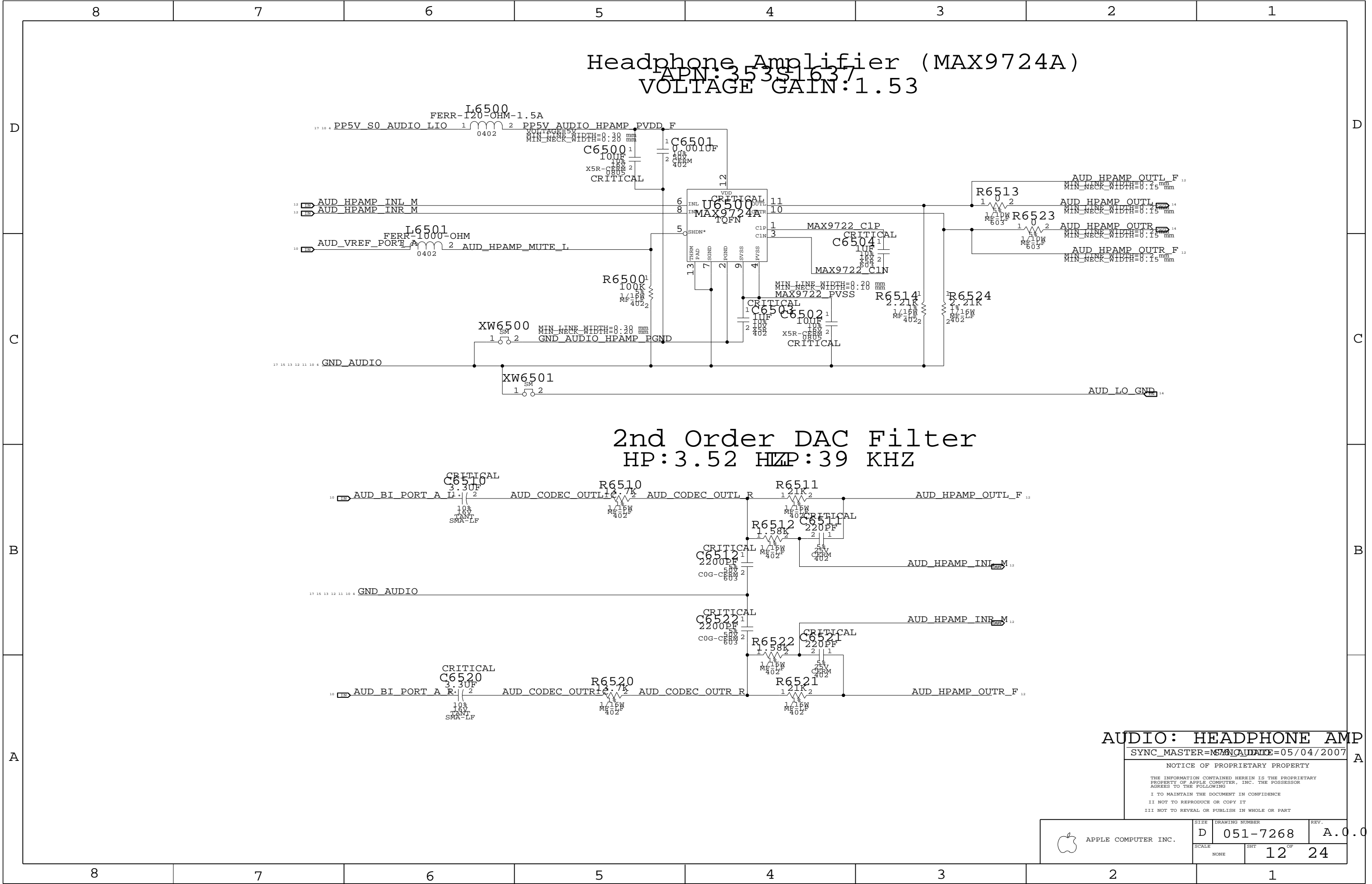
A.0.0


24

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[illegible]





Headphone Amplifier (MAX9724A)  
APN: 353S1637  
VOLTAGE GAIN: 1.53

2nd Order DAC Filter  
HP: 3.52 HZP: 39 KHZ

AUDIO: HEADPHONE AMP

SYNC\_MASTER=576000000 DATE=05/04/2007

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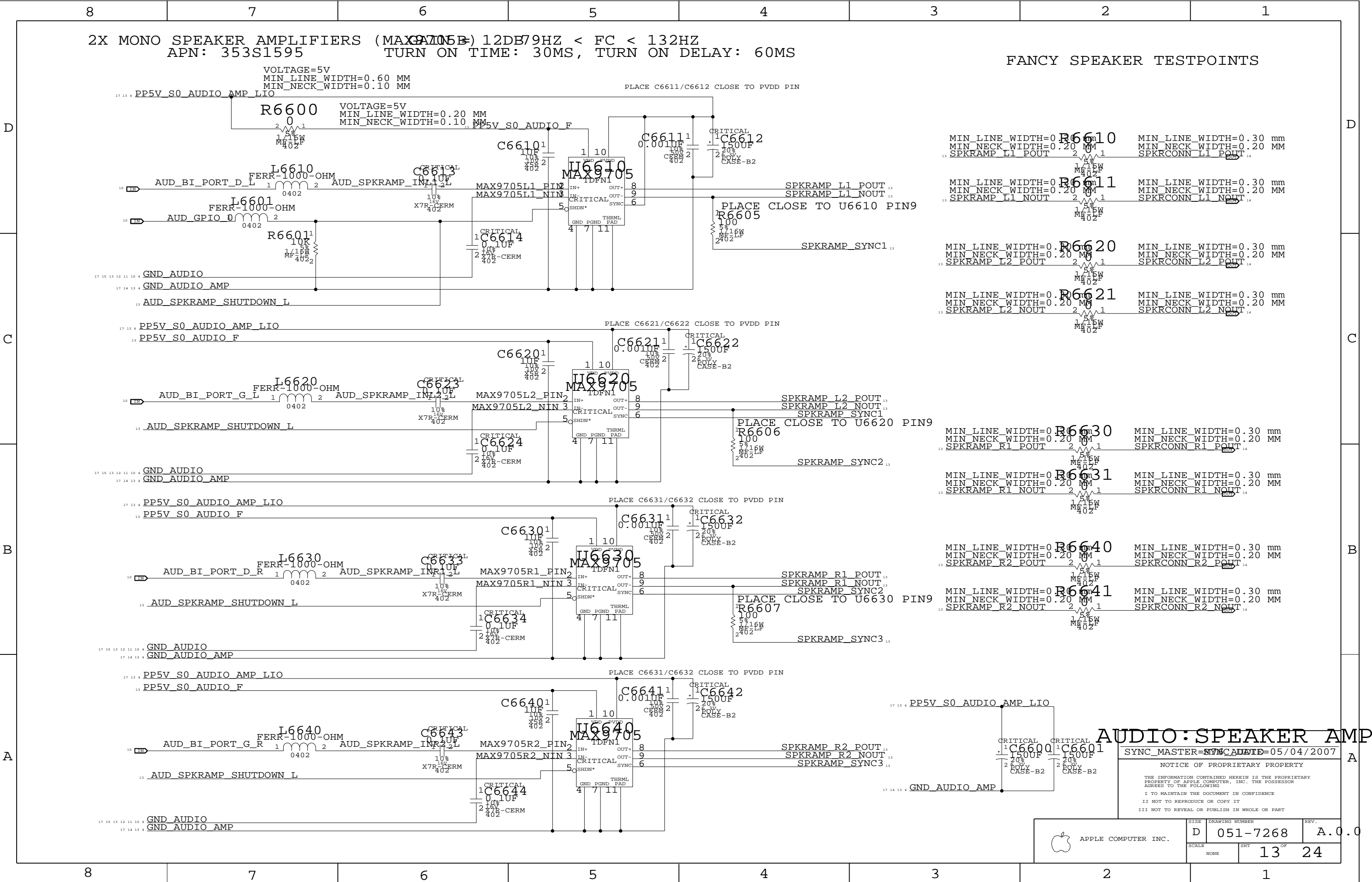
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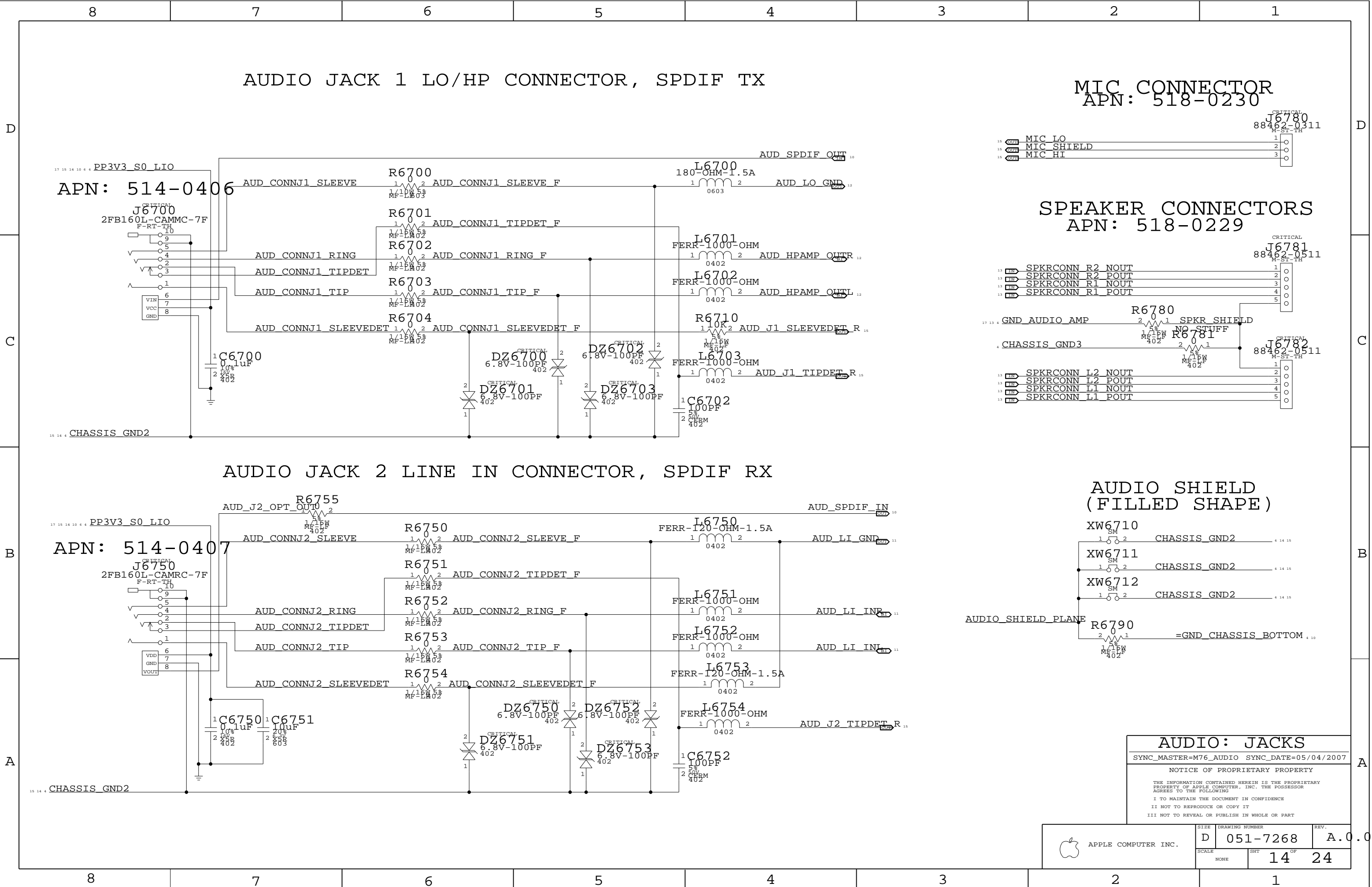
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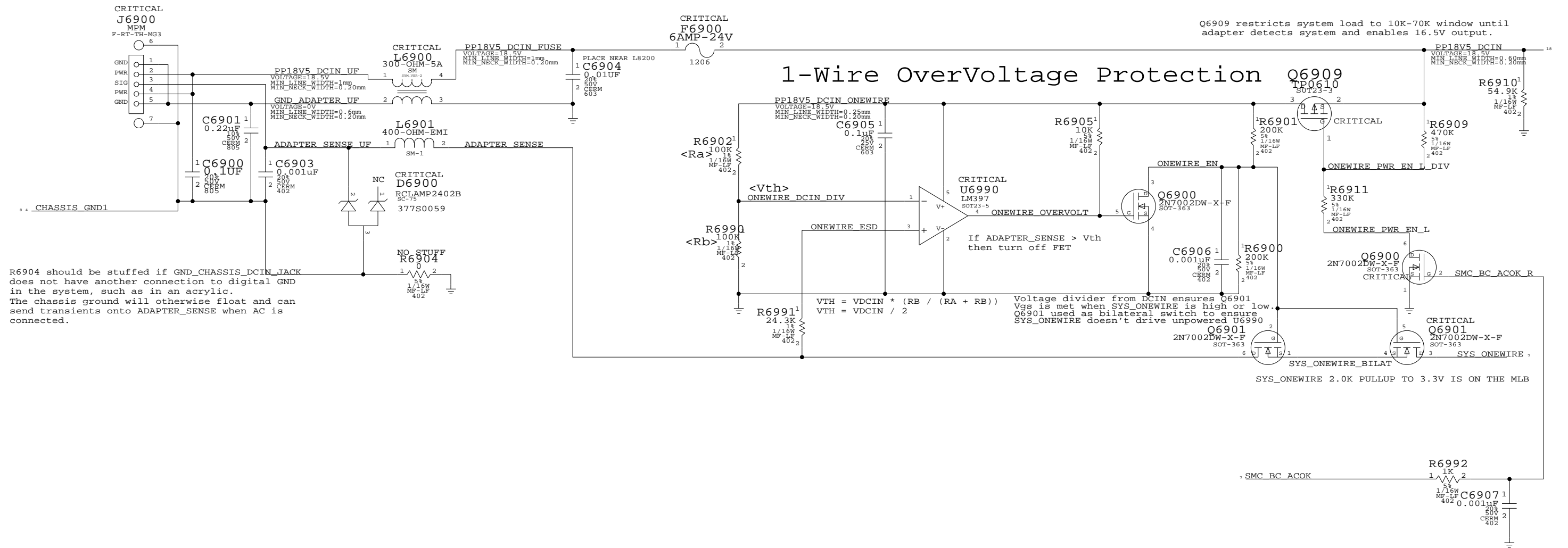
SIZE	DRAWING NUMBER	REV.
D	051-7268	A.0.0
SCALE	SHT	OF
NONE	12	24







DC Power Jack



## DC-In & Battery Connectors

SYNC_MASTER=M76_LIO	SYNC_DATE=11/27/2006
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SIZE	DRAWING NUMBER	REV.
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D	051-7268	F
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SCALE	SHT	16	OF	24
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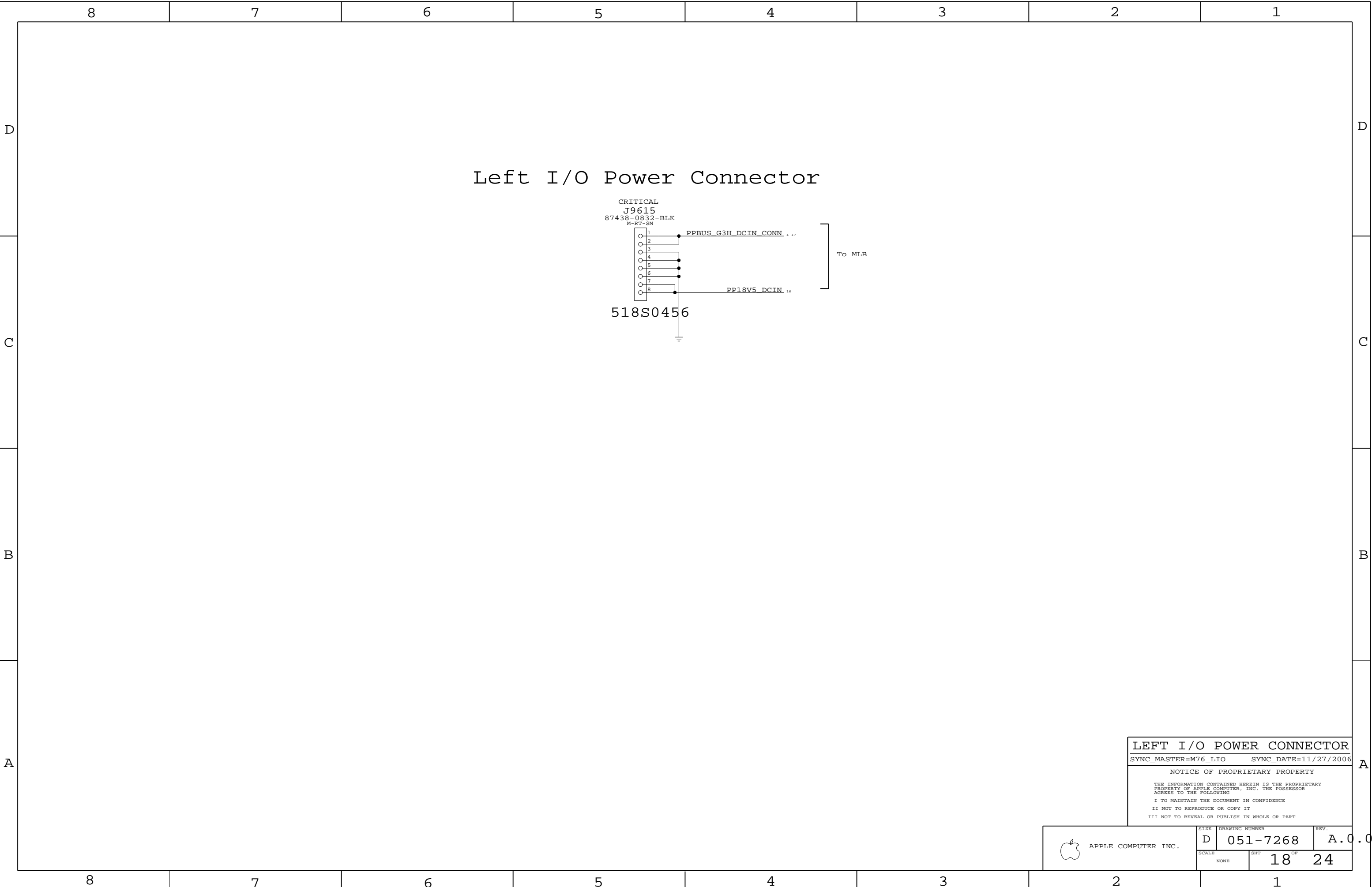
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LEFT I/O POWER CONNECTOR

SYNC\_MASTER=M76\_LIO      SYNC\_DATE=11/27/2006


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 APPLE COMPUTER INC.	SIZE D	DRAWING NUMBER 051-7268	REV. A.0.0
	SCALE NONE	SHT 18	OF 24



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C								
B								
A								

	8	7	6	5	4	3	2	1	
D	<div>CHANGE LIST</div> <div>11/27/06:</div> <div>FIRST M76 LIMA SCHEMATIC CHECK-IN</div> <div>FUTURE UPDATES LOGGED IN PERFORCE</div>								D
C									C
B									B
A									A
	8	7	6	5	4	3	2	1	

HISTORY: NON-AUDIO

SYNC\_MASTER=(MASTER)

SYNC\_DATE=(MASTER)


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SCALE	NONE	SHT	21	OF	24

8	7	6	5	4	3	2	1
<div>CHANGE LIST</div> <div>MAY 03 2006:FIRST RELEASE</div> <div>MAY 04 2006:REMOVED U7350</div> <div>MAY 10 2006:CONNECT XW7200.1 TO GND AUDIO PWR INSTEAD OF 5V. REPLACED C7301/02/04/52/53/55 WITH ZAP DIODES</div> <div>MAY 25 2006:REPLACED R6801 TO R7000, R7200 WITH 155S0138. CHANGED C6803 TO 22UF ROHS COMPLIANT CAP</div> <div>MAY 31 2006:CHANGE U6800 TO 353S1458, DC SCREENED VERSION. CHANGED NETNAME "=GND_AUDIO_PWR" TO "=GND_AUDIO_AMP"</div> <div>CHANGED NETNAME "=PP5V_S0_AUDIO_PWR" TO "=PP5V_S0_AUDIO_AMP"</div> <div>JUNE 1 2006:ADDED NETNAMES TO NC PINS ON U6800. ADDED "NO TEST=TRUE" ATTRIBUTES TO NC NETS.</div> <div>JUNE 28 2006:ADDED CRITICAL TO U6800. REMOVE "?" FROM BOMOPTION TABLE</div>							
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SIZE	DRAWING NUMBER	REV.
D	051-7268	A.0.0
SCALE	SHT OF	
NONE	22 24	

[illegible]

