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- 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 |
|-----|------|--------|-----------------------|-----------------|------------------|
| C | | 425454 | PRODUCTION RELEASED | 02/14/06? | |

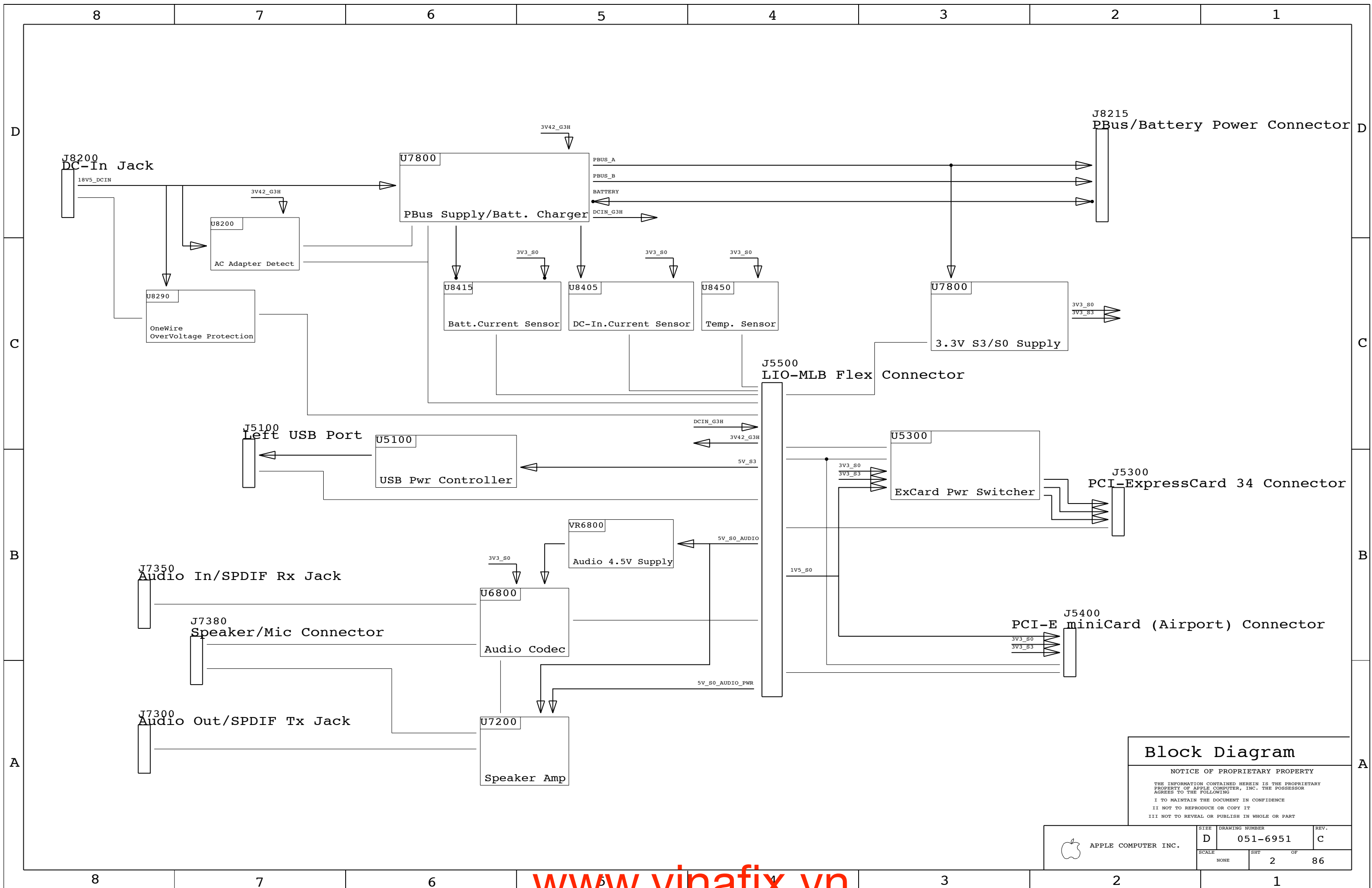
SCHEM, LIO/AUDIO, M1

02/14/06

| PDF PAGE | CSA PAGE | CONTENTS | SYNC MASTER | DATE |
|----------|----------|-----------------------------|--------------|------------|
| 1 | 1 | Table of Contents | | |
| 2 | 2 | Block Diagram | | |
| 3 | 4 | BOM Configuration | (Master) | (Master) |
| 4 | 6 | Aliases | (Master) | (Master) |
| 5 | 51 | Left USB Port | (Master) | (Master) |
| 6 | 53 | ExpressCard Connector | (Master) | (Master) |
| 7 | 54 | PCI-E MiniCard Connector | (Master) | (Master) |
| 8 | 55 | MLB I/O Board Connector | (Master) | (Master) |
| 9 | 68 | AUDIO: CODEC | LENGO_M1_LIO | 01/06/2006 |
| 10 | 72 | AUDIO:SPEAKER AMP | LENGO_M1_LIO | 01/06/2006 |
| 11 | 73 | AUDIO: JACKS | LENGO_M1_LIO | 01/06/2006 |
| 12 | 74 | AUDIO: JACK TRANSLATORS | LENGO_M1_LIO | 01/06/2006 |
| 13 | 78 | 3.3V Supply | (Master) | (Master) |
| 14 | 82 | DC-In & Battery Connectors | (Master) | (Master) |
| 15 | 83 | PBus Supply & Batt. Charger | (Master) | (Master) |
| 16 | 84 | Current & Thermal Sensors | (Master) | (Master) |
| 17 | 85 | Cross Reference Page | | |
| 18 | 86 | Cross Reference Page | | |

| PART# | QTY | DESCRIPTION | REFERENCE DESIGNATOR(S) | CRITICAL | BOM OPTION |
|----------|-----|----------------------|-------------------------|----------|------------|
| 051-6951 | 1 | SCHEM, LIO/AUDIO, M1 | SCH1 | | |
| 820-1699 | 1 | PCBF, LIO/AUDIO, M1 | PCB1 | | |

| | | | | | |
|-------------------------------|-------------------------------------|-----------|--|---------------------|--------|
| DIMENSIONS ARE IN MILLIMETERS | | METRIC | | Apple Computer Inc. | |
| XX : _____ | DRAPFER | DESIGN CK | NOTICE OF PROPRIETARY PROPERTY | | |
| X.XX : _____ | ENG APPD | MFG APPD | THE INFORMATION CONTAINED HEREIN IS THE PROPRIETARY PROPERTY OF APPLE COMPUTER, INC. THE POSSESSOR AGREES TO THE FOLLOWING | | |
| X.XXX : _____ | QA APPD | DESIGNER | I TO MAINTAIN THE DOCUMENT IN CONFIDENCE | | |
| ANGLES : _____ | RELEASE | SCALE | II NOT TO REPRODUCE OR COPY IT | | |
| DO NOT SCALE DRAWING | | NONE | III NOT TO REVEAL OR PUBLISH IN WHOLE OR PART | | |
| THIRD ANGLE PROJECTION | MATERIAL/FINISH NOTED AS APPLICABLE | SIZE D | TITLE | | |
| | | | SCHEM, LIO/AUDIO, M1 | | |
| | | | DRAWING NUMBER | 051-6951 | REV. C |
| | | | SHT 1 OF 86 | | |



Block Diagram

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| | D | 051-6951 | C |
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| BOM NUMBER | BOM NAME | BOM OPTIONS |
|------------|-------------------|--------------------------|
| 630-7249 | PCBA,LIO_AUDIO,M1 | COMMON,EEE_TY6,M1_COMMON |

| BOM GROUP | BOM OPTIONS |
|-----------|---|
| M1_COMMON | EXCARD_3CNTL,M1_PARTS,ONEWIRE_DIV,ONEWIRE_PULLUP,ONEWIRE_PU_PROT,ONEWIRE_PWRCTL,STA9220 |

Bar Code Label / EEE #'s

| PART NUMBER | QTY | DESCRIPTION | REFERENCE DES | CRITICAL | BOM OPTION |
|-------------|-----|------------------------------|---------------|----------|------------|
| 000-0041 | 1 | PLACEHOLDER FOR EEE/CCC INFO | [EEE:TY6] | CRITICAL | EEE_TY6 |

M1A Parts Reserved for future use

| PART NUMBER | QTY | DESCRIPTION | REFERENCE DES | CRITICAL | BOM OPTION |
|-------------|-----|---|---------------|----------|------------|
| 514-0306 | 1 | CONN,RCPT,R/A,3.6 CL,BLK | J5100 | CRITICAL | M1A_PARTS |
| 514-0307 | 1 | CONN,RCPT,RT ANG,MPM,10A,5P,BLK | J8200 | CRITICAL | M1A_PARTS |
| 514-0308 | 1 | CONN,RCPT,OPT-COPPER,SPDIF RX,3.5MM,BLK | J7350 | CRITICAL | M1A_PARTS |
| 514-0309 | 1 | CONN,RCPT,OPT-COPPER,SPDIF TK,3.5MM,BLK | J7300 | CRITICAL | M1A_PARTS |

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| BOM Configuration | |
|--|--------------------|
| SYNC_MASTER=(Master) | SYNC_DATE=(Master) |
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|---------------------|------|----------------|------|
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| | D | 051-6951 | C |
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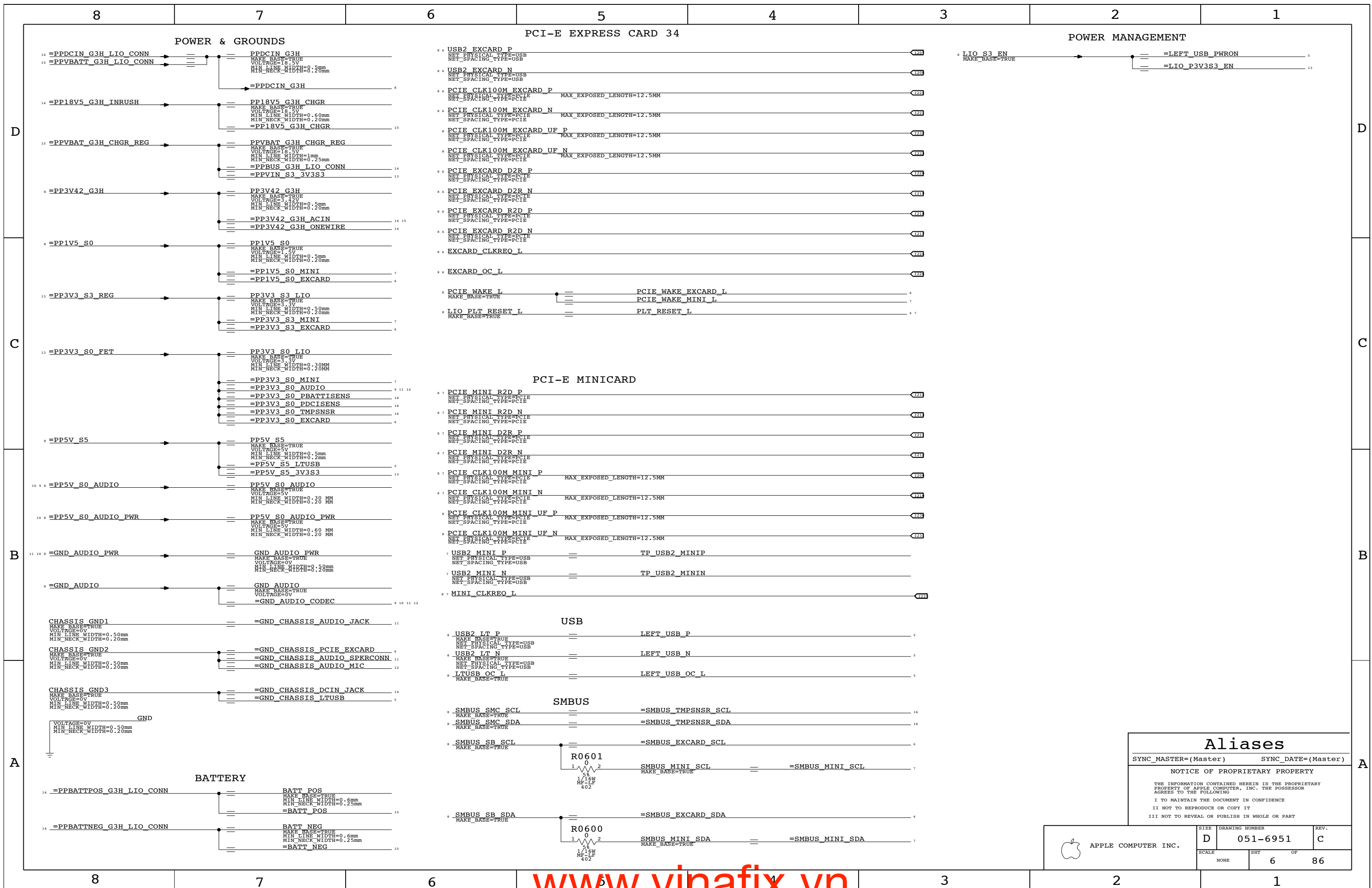
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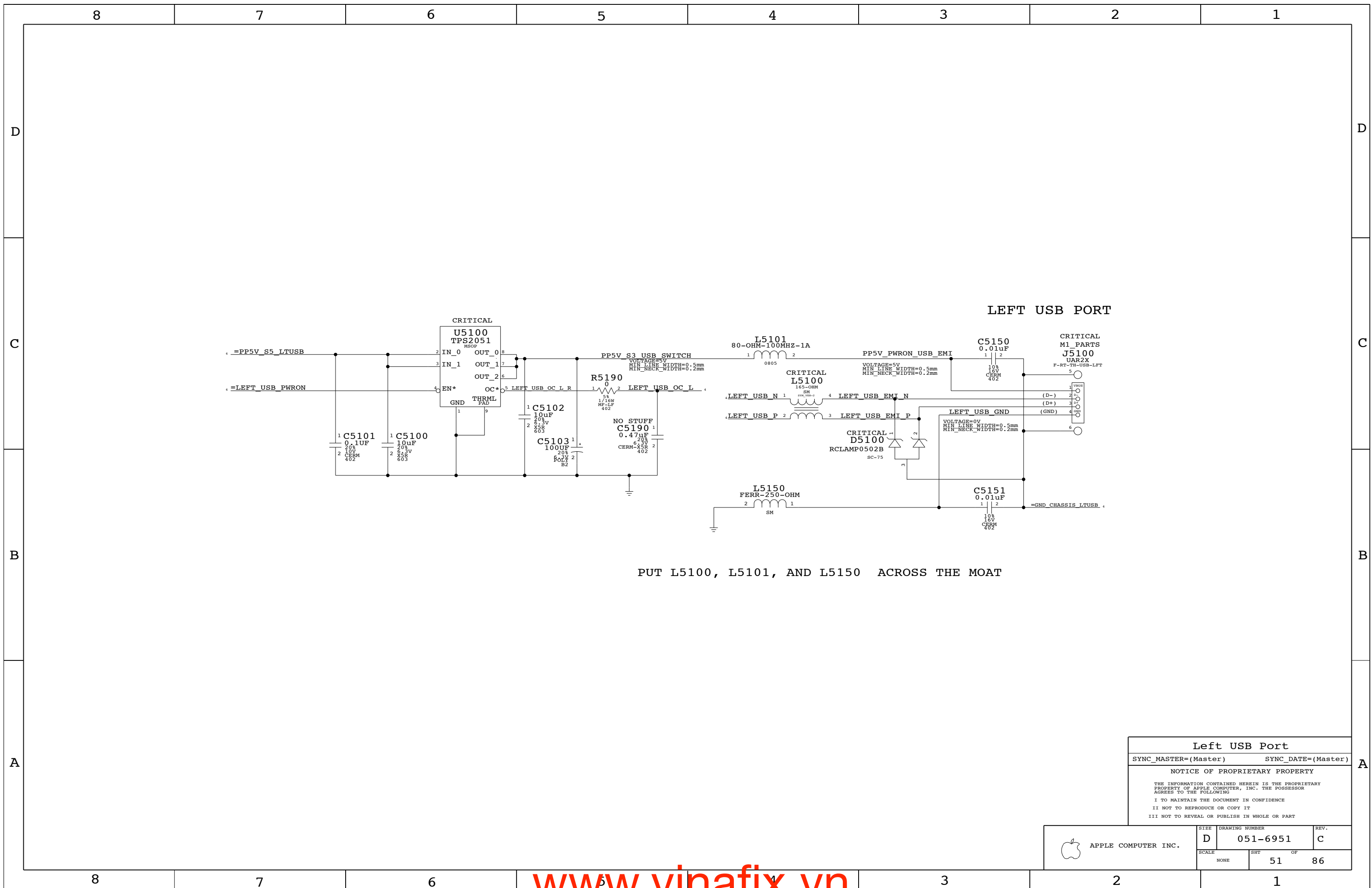
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| Aliases | | |
|--|--------------------|--|
| SYNC_MASTER=(Master) | SYNC_DATE=(Master) | |
| NOTICE OF PROPRIETARY PROPERTY | | |
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|---------------------|------|----------------|------|
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| SCALE | SHT | OF | |
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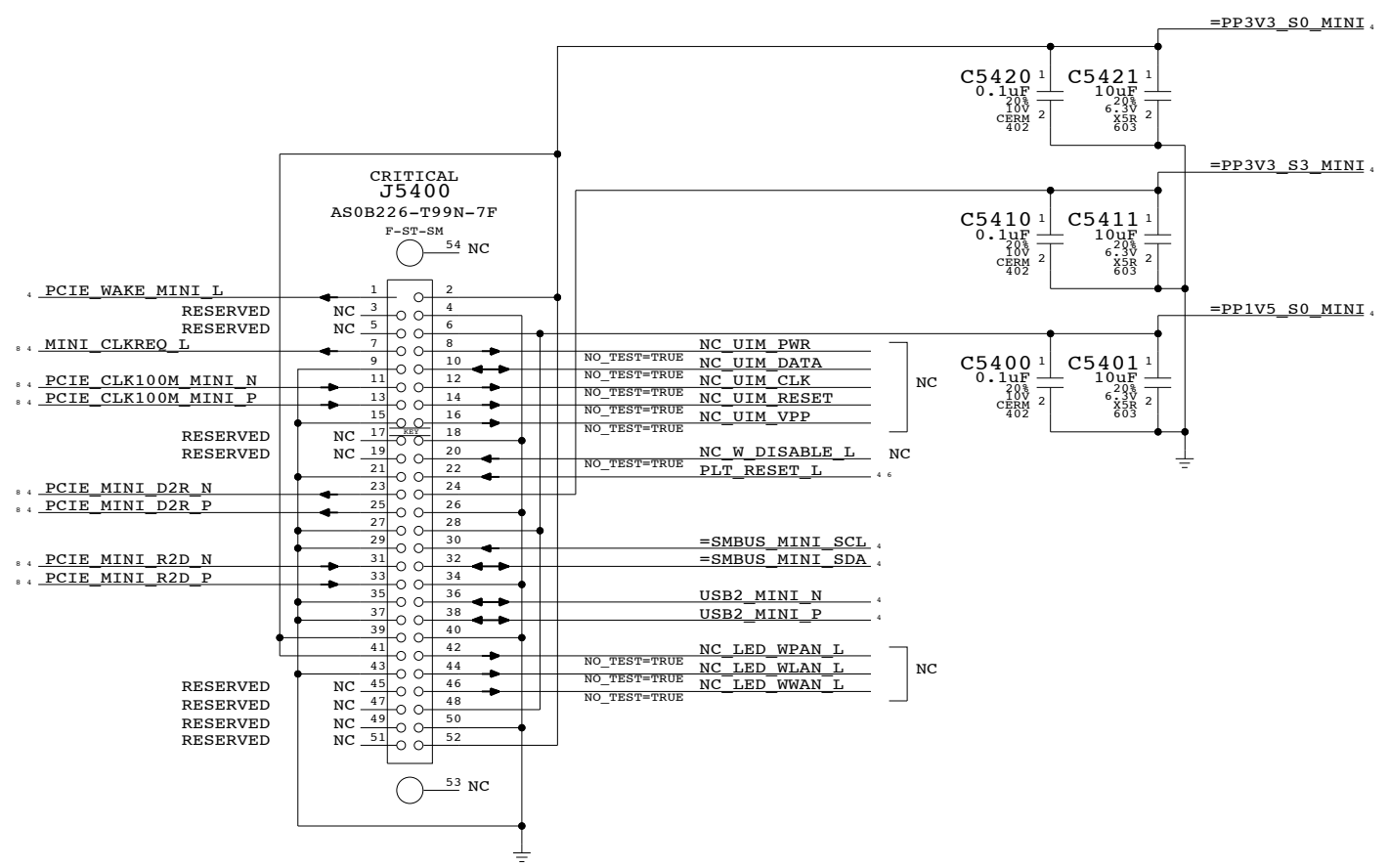
LEFT USB PORT

PUT L5100, L5101, AND L5150 ACROSS THE MOAT

Left USB Port
 SYNC_MASTER=(Master) SYNC_DATE=(Master)
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|---------------------|--------|----------------|------|
| APPLE COMPUTER INC. | SIZE | DRAWING NUMBER | REV. |
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| SCALE | SHT OF | | |
| NONE | 51 | | 86 |

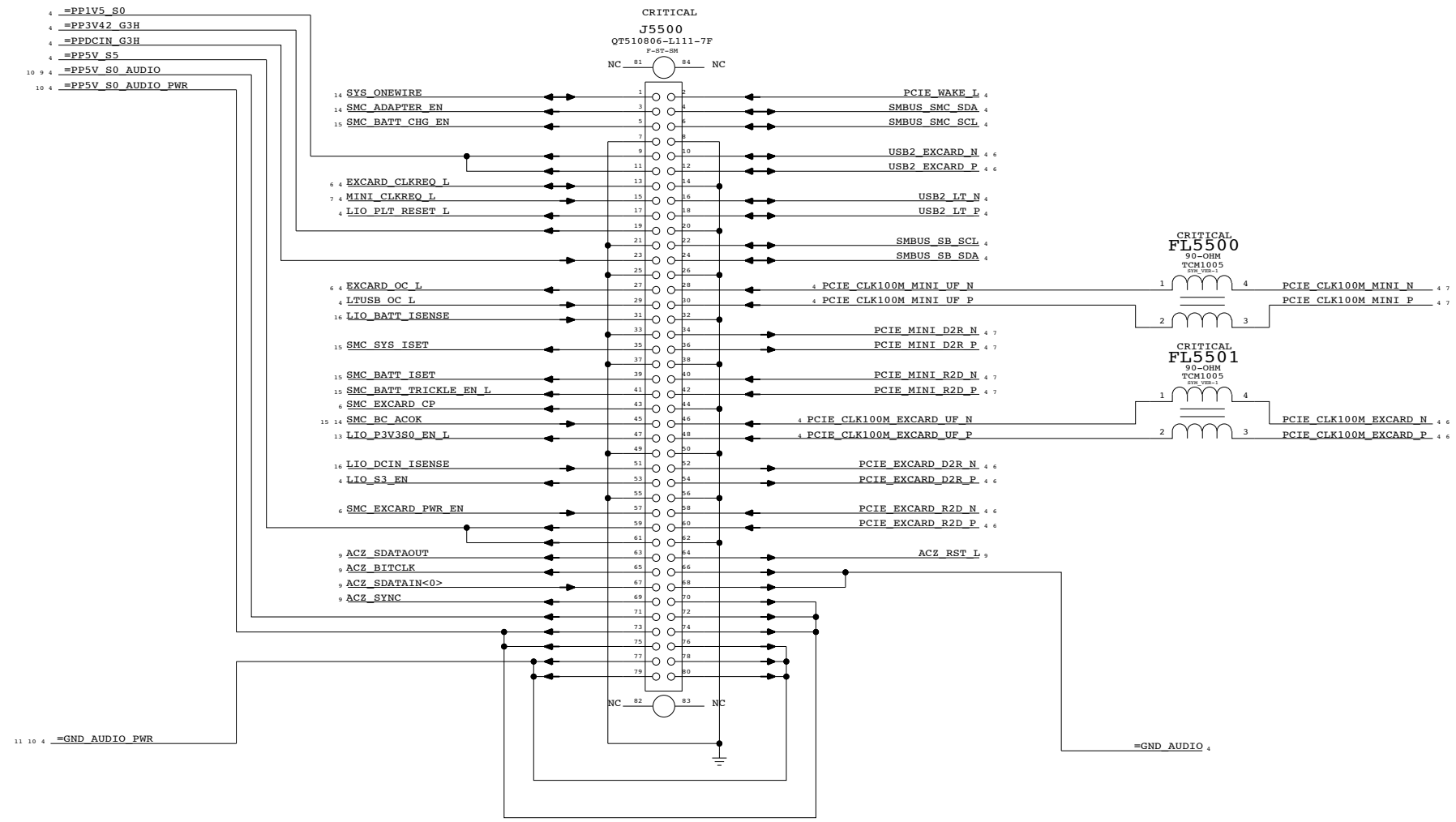
PCI-EXPRESS MINI CARD CONNECTOR



PCI-E MiniCard Connector
 SYNC_MASTER=(Master) SYNC_DATE=(Master)
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|---------------------|--------|----------------|------|
| APPLE COMPUTER INC. | SIZE | DRAWING NUMBER | REV. |
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| SCALE | SHT OF | | |
| NONE | 54 OF | | 86 |

Left I/O Board Connector

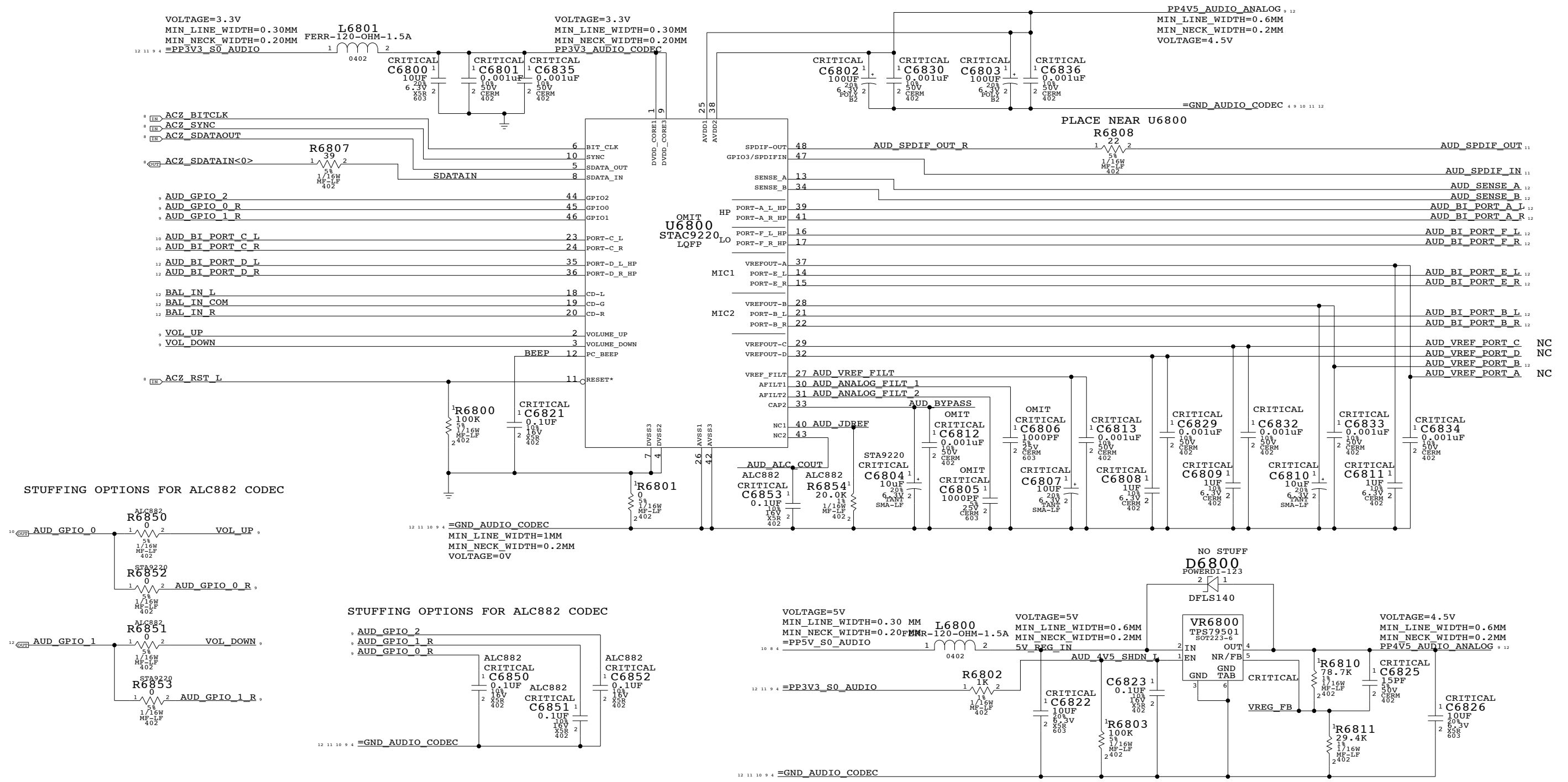


MLB I/O Board Connector
 SYNC_MASTER=(Master) SYNC_DATE=(Master)
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| | D | 051-6951 | C |
| SCALE | NONE | SHT OF | 55 OF 86 |

AUDIO CODEC

APPLE P/N 353S1345



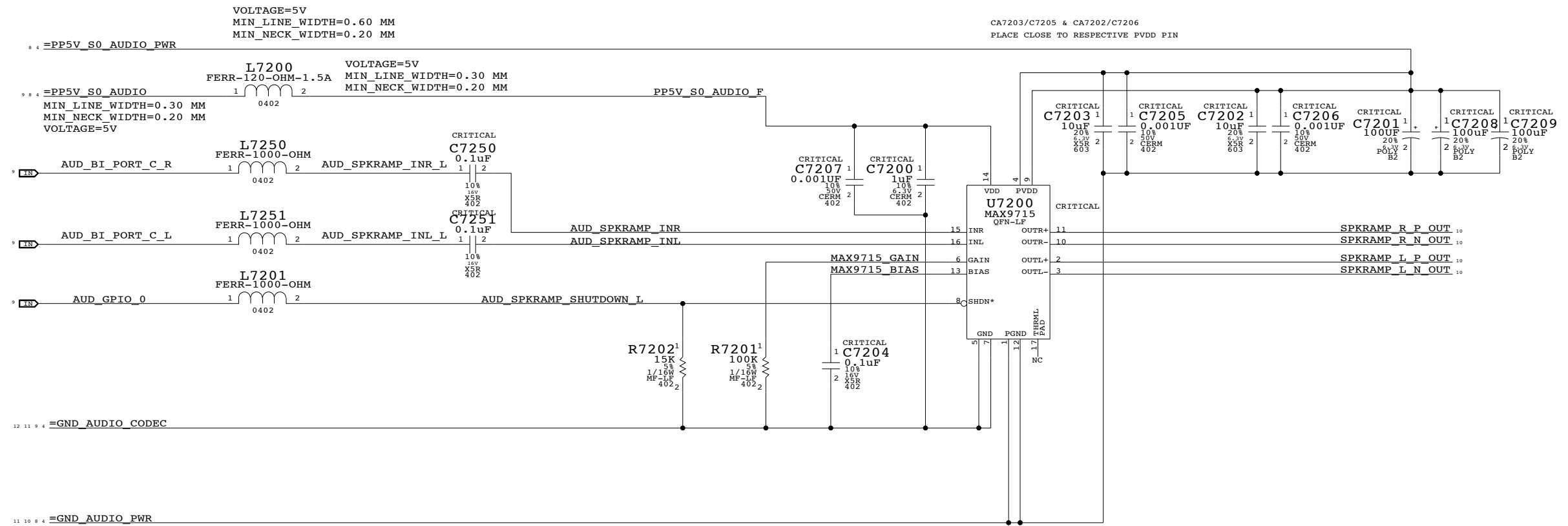
| PART# | QTY | DESCRIPTION | REFERENCE DESIGNATOR(S) | CRITICAL | BOM OPTION |
|----------|-----|-------------------------------|-------------------------|----------|------------|
| 353S1345 | 1 | SIGMATEL STA9220 CODEC | U6800 | CRITICAL | STA9220 |
| 131S1034 | 1 | 1000PF NPO CAPACITOR | C6805 | CRITICAL | STA9220 |
| 131S1034 | 1 | 1000PF NPO CAPACITOR | C6806 | CRITICAL | STA9220 |
| 132S0045 | 1 | 0.001uF 50V 10% X7R Capacitor | C6812 | CRITICAL | STA9220 |
| 353S1268 | 1 | Realtek ALC882 CODEC | U6800 | CRITICAL | ALC882 |
| 138S0541 | 1 | 1uF 10V X7R Capacitor | C6805 | CRITICAL | ALC882 |
| 138S0541 | 1 | 1uF 10V X7R Capacitor | C6806 | CRITICAL | ALC882 |
| 116S0004 | 1 | 0 ohms 0402 Resistor | C6812 | CRITICAL | ALC882 |

APN: 353S1233
4.5V POWER SUPPLY FOR CODEC
AUDIO: CODEC

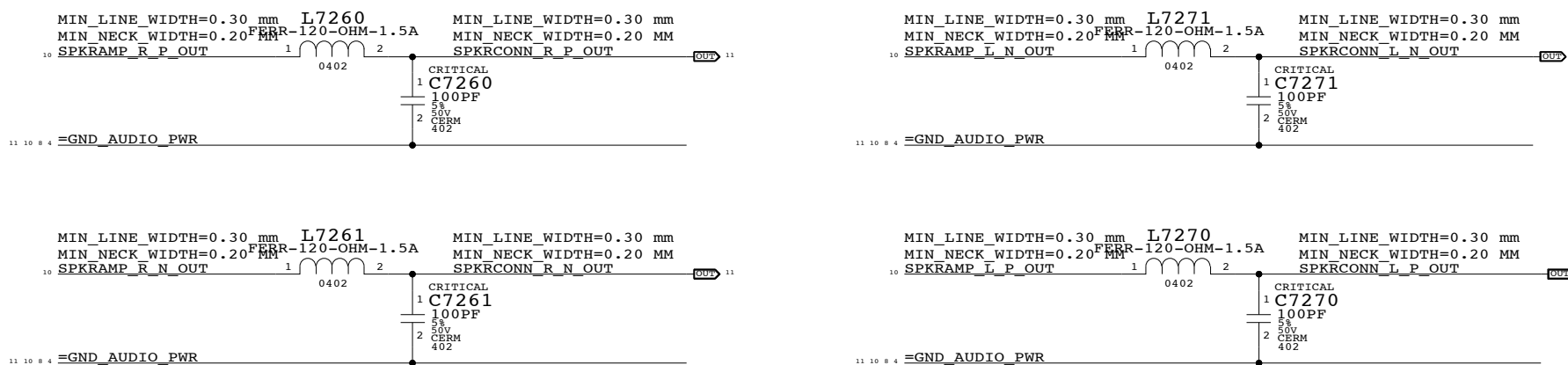
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| | D | 051-6951 | C |
| SCALE | NONE | SHT OF | 68 OF 86 |

STEREO SPEAKER AMPLIFIERS (MAX9715)
 APN: 353S1283
 Gain = 10.5dB
 118 < FC < 245Hz



EMI FILTERS FOR AMPLIFIER OUTPUTS

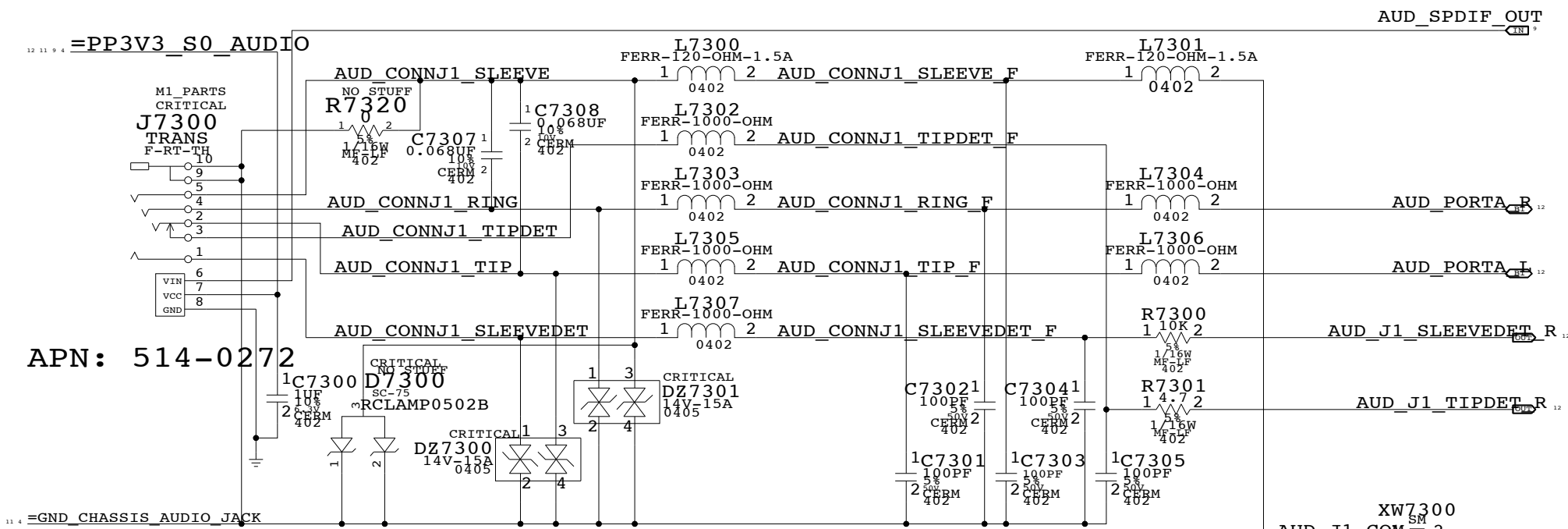


AUDIO: SPEAKER AMP
 SYNC_MASTER=LENGO_M1_LBYNC_DATE=01/06/2006

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| SCALE | NONE | SHT OF | 72 OF 86 |

AUDIO JACK 1/DEFAULT LO/HP CONNECTOR, SPDIF TX

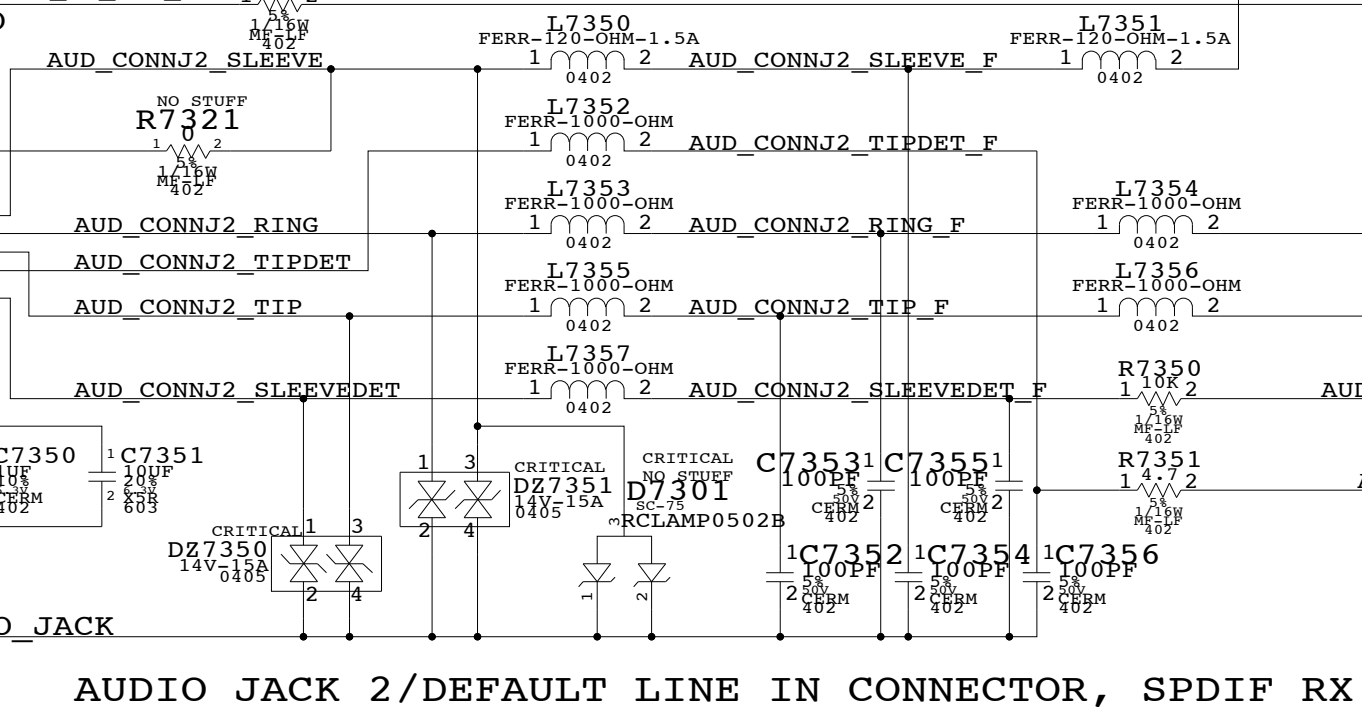


APN: 514-0272

SPEAKER/MIC CONNECTOR
APN: 518-0216

PLACE AT GROUND MOAT

=GND_CHASSIS_AUDIO_JACK =GND_AUDIO_CODEC



APN: 514-0273

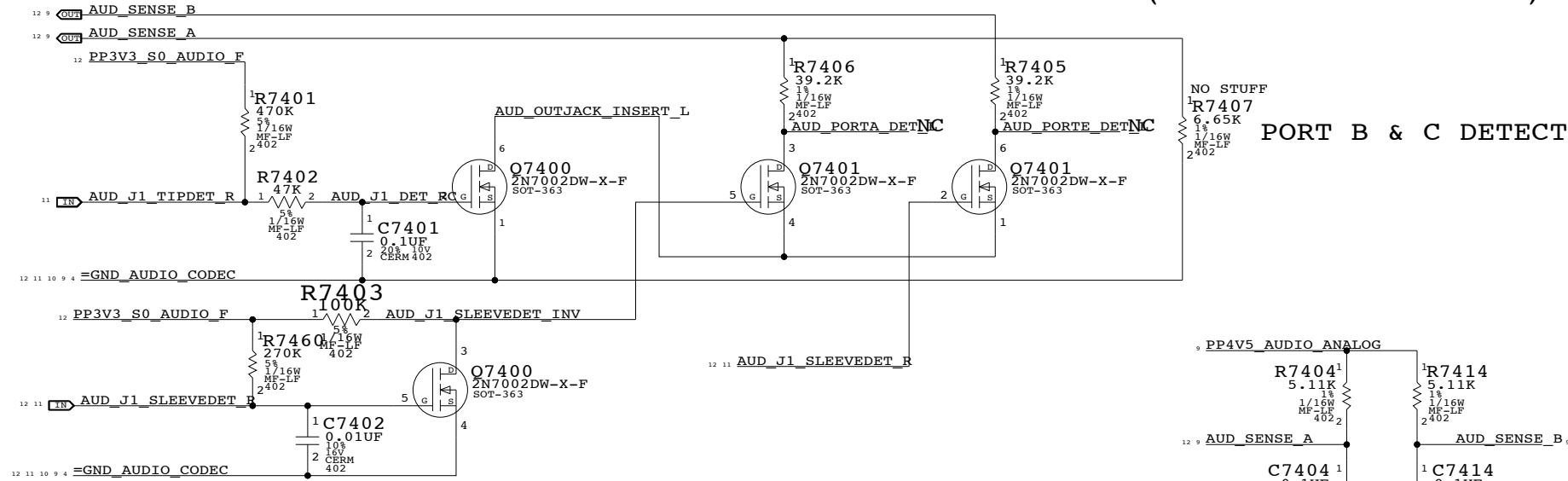
AUDIO SHIELD
(FILLED SHAPE)

AUDIO JACK 2/DEFAULT LINE IN CONNECTOR, SPDIF RX

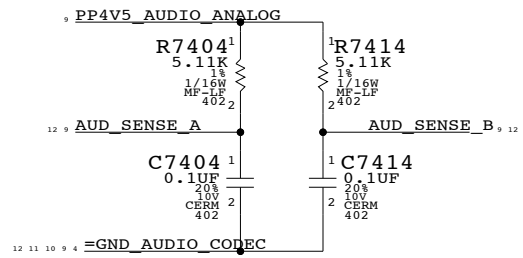
| AUDIO: JACKS | | |
|--|--|--|
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| NOTICE OF PROPRIETARY PROPERTY | | |
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| APPLE COMPUTER INC. | SIZE | DRAWING NUMBER | REV. |
| | D | 051-6951 | C |
| SCALE | NONE | SHT OF | 73 OF 86 |

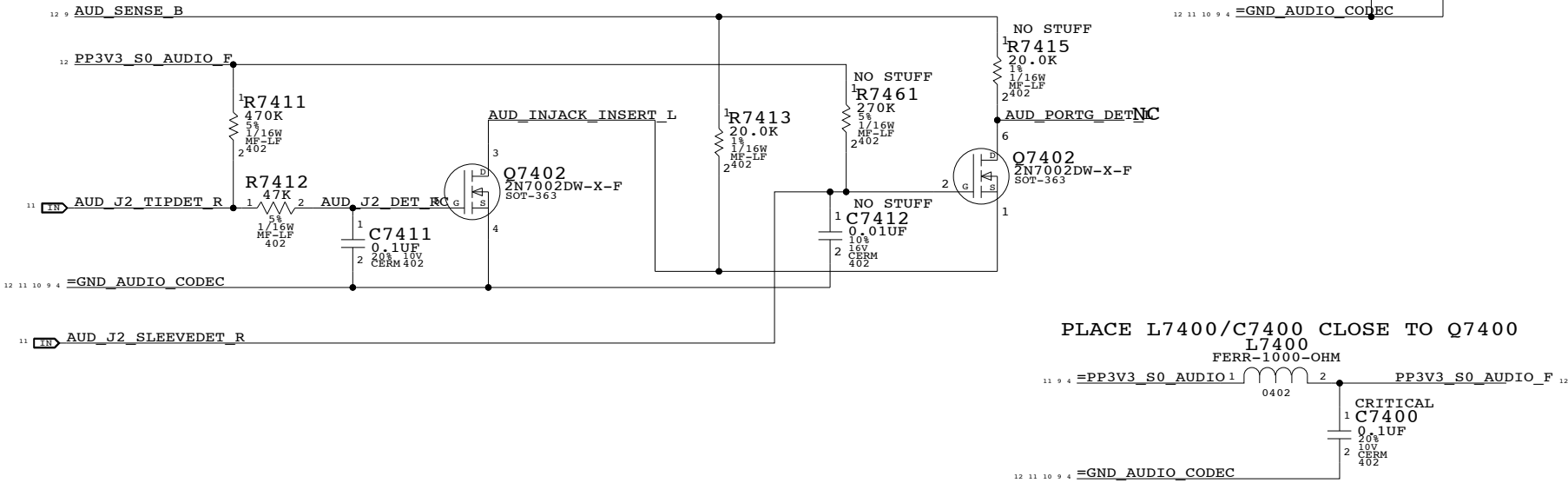
PORT A DETECT PORT E DETECT (E TELLS H TO TURN ON)



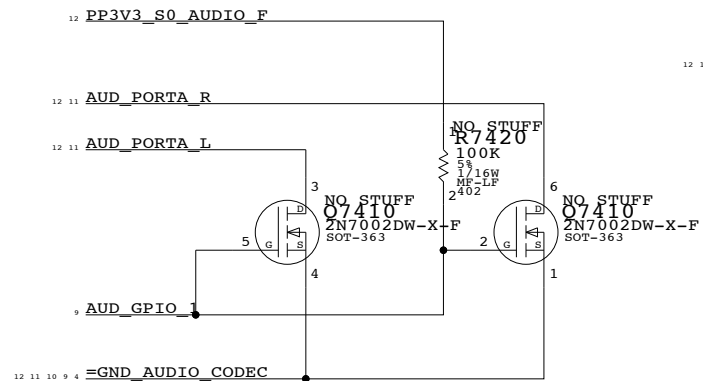
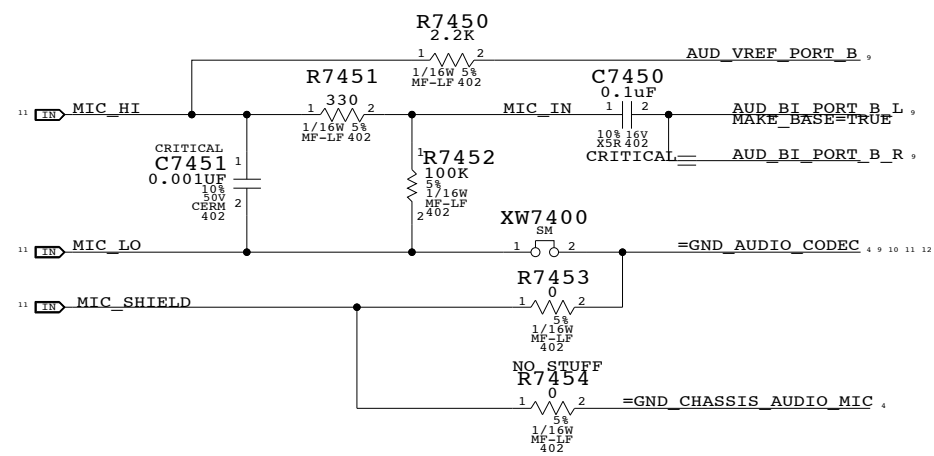
PORT B & C DETECT



PORT F DETECT PORT G DETECT



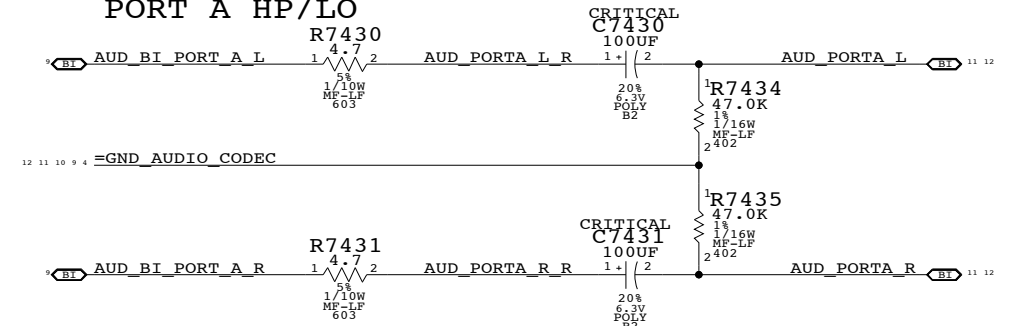
MIC INPUT CIRCUITRY



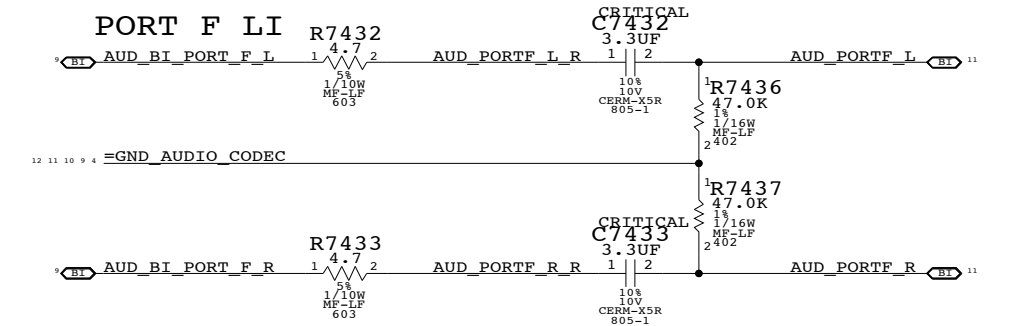
CODEC PORT ASSIGNMENTS

- PORT A : HEADPHONE/LINE OUT
- PORT B : MICROPHONE ON BOTH CH
- PORT C : SPEAKER AMP
- PORT D : UNUSED
- PORT E : SW USES TO TRIGGER DIGITAL OUT
- PORT F : LINE IN
- CD INPUT : UNUSED

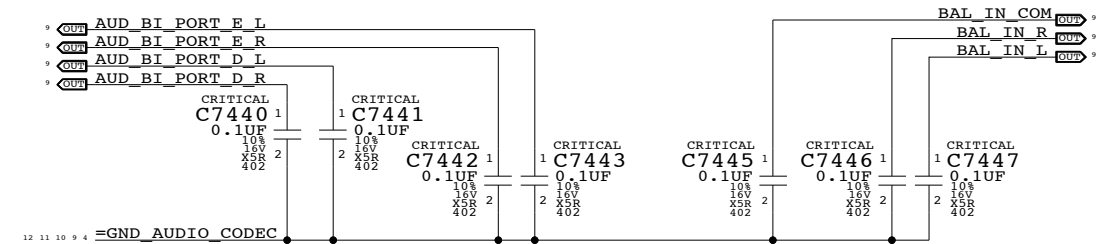
PORT A HP/LO



PORT F LI



UNUSED CODEC ANALOG PORT TERMINATIONS



AUDIO: JACK TRANSLATORS

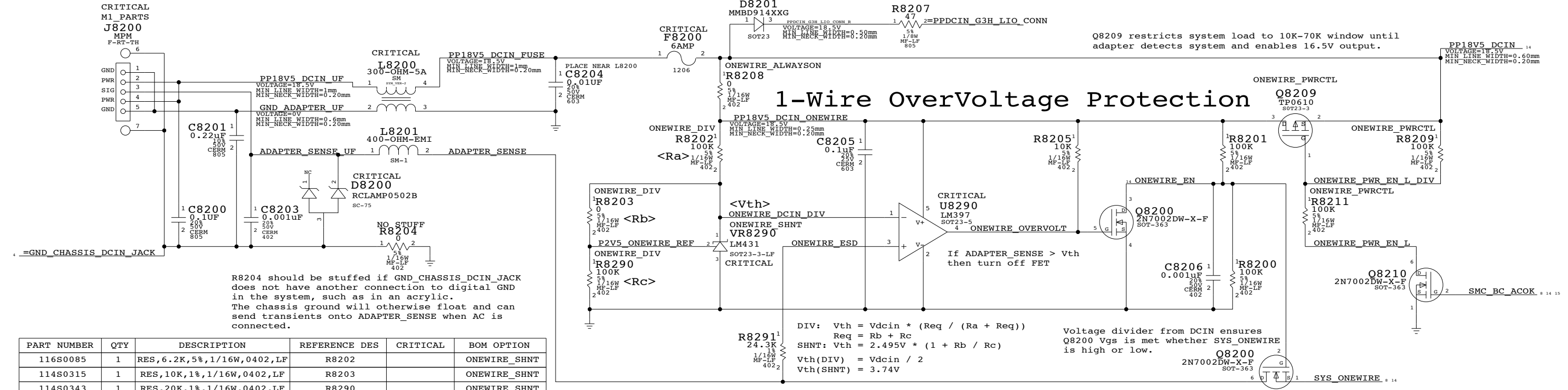
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| | D | 051-6951 | C |
| SCALE | NONE | SHT OF | 74 OF 86 |

DC Power Jack

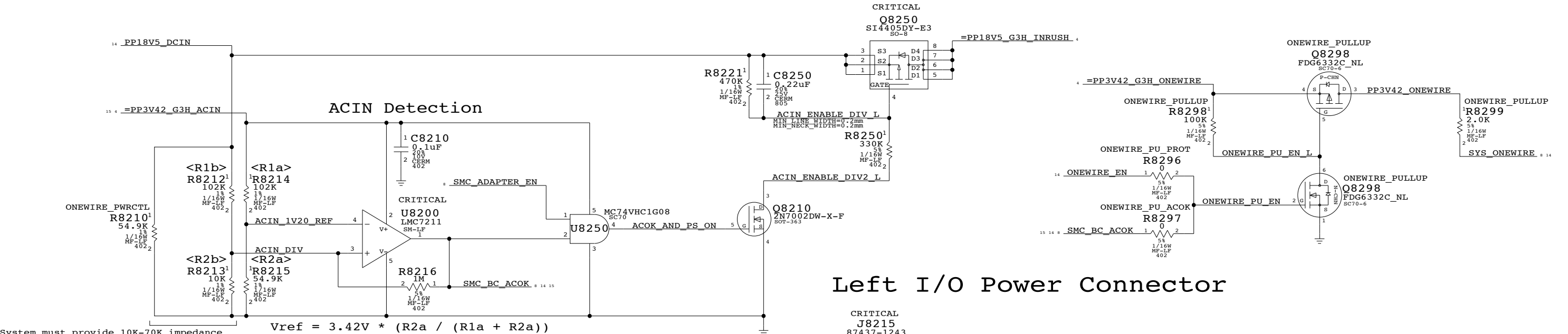


| PART NUMBER | QTY | DESCRIPTION | REFERENCE DES | CRITICAL | BOM OPTION |
|-------------|-----|--------------------------------|---------------|----------|--------------|
| 116S0085 | 1 | RES, 6.2K, 5%, 1/16W, 0402, LF | R8202 | | ONEWIRE_SHNT |
| 114S0315 | 1 | RES, 10K, 1%, 1/16W, 0402, LF | R8203 | | ONEWIRE_SHNT |
| 114S0343 | 1 | RES, 20K, 1%, 1/16W, 0402, LF | R8290 | | ONEWIRE_SHNT |

ONEWIRE_SHNT BOM option allows the use of an adjustable shunt voltage regulator to provide the reference to the LM397 comparator. This allows the protection circuit to enforce a -3.7V max signal on ADAPTER_SENSE instead of the voltage divider DCIN/2 approach.

R8202 value ensures 1mA current for DCIN >= 13.4V per LM431 spec.

Inrush Limiter



System must provide 10K-70K impedance to A52 adapter for system load detection. Req of R8210, R8212 & R8213 is 36.8K.

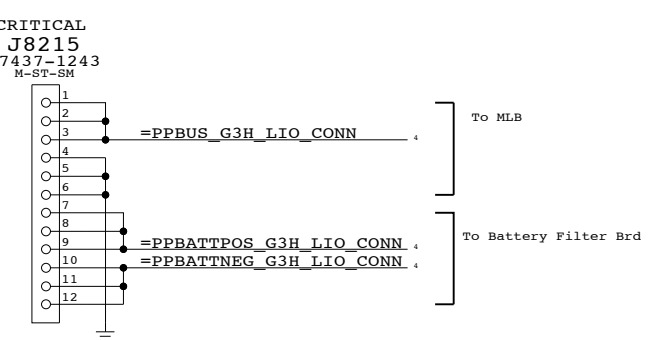
$V_{ref} = 3.42V * (R2a / (R1a + R2a))$

$V_{th} = (V_{ref} / (R2b / (R1b + R2b)))$

$V_{ref} = 1.20V$

$V_{th} = 13.4V$

Left I/O Power Connector



DC-In & Battery Connectors

SYNC_MASTER=(Master) SYNC_DATE=(Master)

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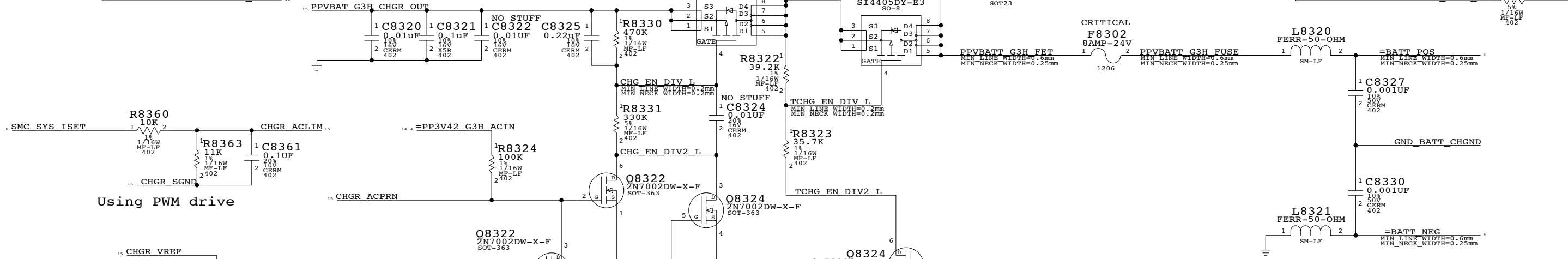
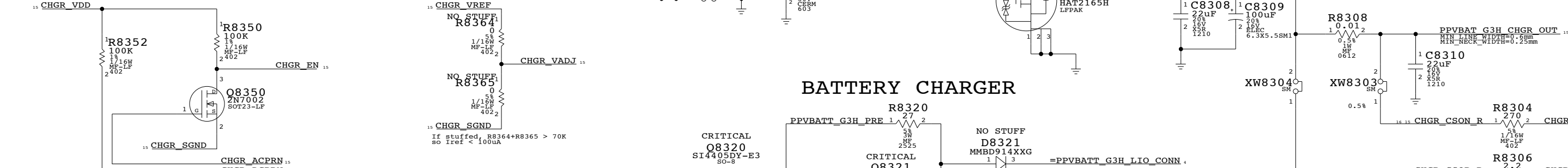
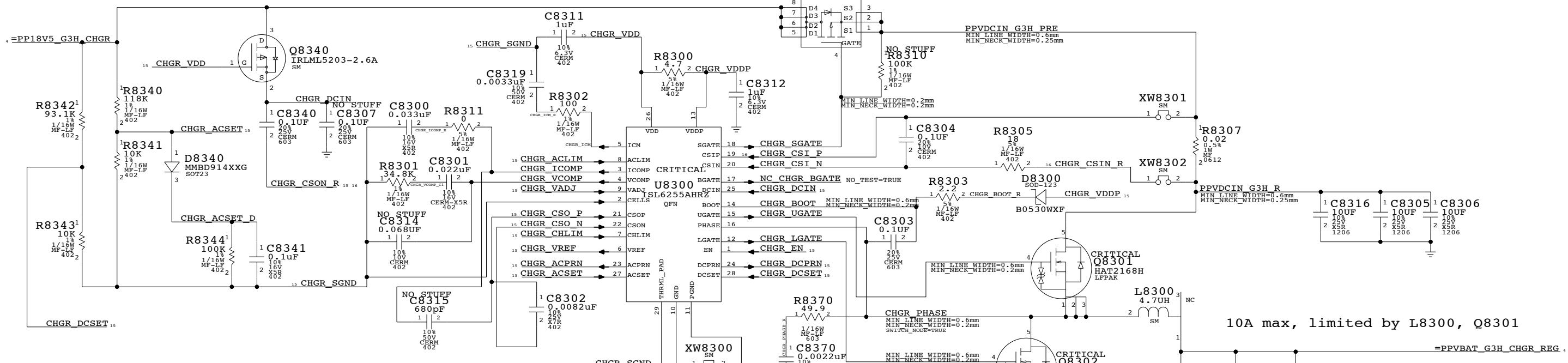
I TO MAINTAIN THE DOCUMENT IN CONFIDENCE

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| | | | |
|-------|------|----------------|------|
| SCALE | SIZE | DRAWING NUMBER | REV. |
| NONE | D | 051-6951 | C |
| | | 82 | 86 |

PBUS SUPPLY



Using PWM drive

As shown, I_{chg} = 3.9A max

Using PWM drive

10A max, limited by L8300, Q8301

PBus Supply & Batt. Charger

SYNC_MASTER=(Master) SYNC_DATE=(Master)

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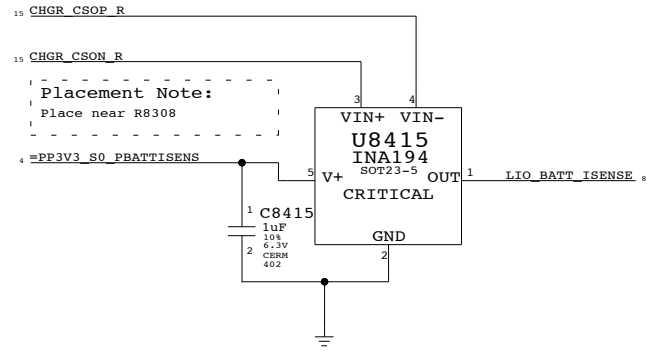
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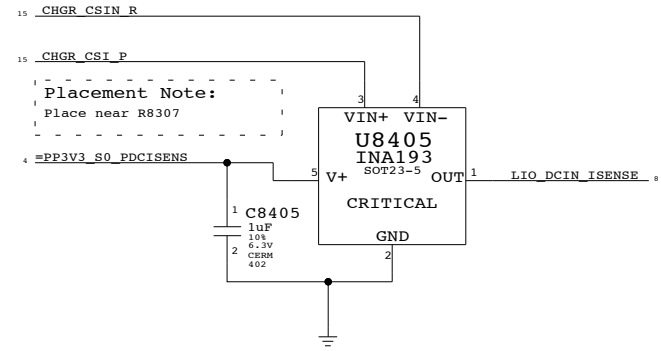
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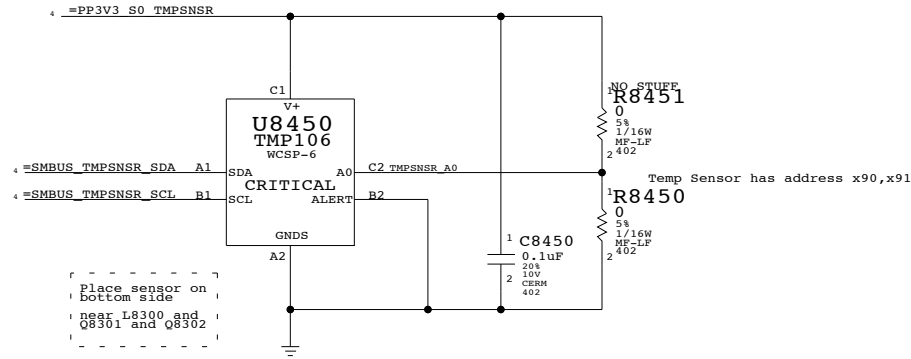
Battery Current Sense



DCIn Current Sense



TMP106 Thermal Sensor



Current & Thermal Sensors
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| | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---|--|--|---|--|---|---|---|---|
| | Title: Cref Part Report Design: buzz Date: Feb 14 9:56:36 2006 | | | | | | | |
| D | C5100 CAP_603 buzz[586] C5101 CAP_402 buzz[587] C5102 CAP_603 buzz[585] C5103 CAP_P_B2 buzz[585] C5150 CAP_402 buzz[583] C5151 CAP_402 buzz[585] C5190 CAP_402 buzz[64] C5301 CAP_402 buzz[64] C5302 CAP_402 buzz[64] C5303 CAP_603 buzz[64] C5304 CAP_603 buzz[64] C5305 CAP_402 buzz[68] C5331 CAP_603 buzz[67] C5334 CAP_402 buzz[68] C5335 CAP_603 buzz[67] C5350 CAP_402 buzz[6A7] C5351 CAP_402 buzz[6A5] C5360 CAP_402 buzz[6A3] C5400 CAP_402 buzz[7C3] C5411 CAP_603 buzz[7C3] C5410 CAP_402 buzz[7C3] C5411 CAP_603 buzz[7C3] C5420 CAP_402 buzz[7C3] C5421 CAP_603 buzz[7C3] C6800 CAP_603 buzz[9D6] C6801 CAP_402 buzz[9D6] C6802 CAP_P_B2 buzz[9D4] C6803 CAP_P_B2 buzz[9D3] C6804 CAP_P_SMA-LF buzz[9B4] C6805 CAP_603 buzz[9B4] C6806 CAP_603 buzz[9B3] C6807 CAP_P_SMA-LF buzz[9B3] C6808 CAP_402 buzz[9B3] C6809 CAP_402 buzz[9B2] C6810 CAP_P_SMA-LF buzz[9B2] C6811 CAP_402 buzz[9B2] C6812 CAP_402 buzz[9B4] C6813 CAP_402 buzz[9B3] C6821 CAP_402 buzz[9C6] C6822 CAP_603 buzz[9A3] C6823 CAP_402 buzz[9B3] C6825 CAP_402 buzz[9B2] C6826 CAP_603 buzz[9A1] C6829 CAP_402 buzz[9B3] C6830 CAP_402 buzz[9D4] C6832 CAP_402 buzz[9B2] C6833 CAP_402 buzz[9B2] C6834 CAP_402 buzz[9B2] C6835 CAP_402 buzz[9D6] C6836 CAP_402 buzz[9D3] C6850 CAP_402 buzz[9B6] C6851 CAP_402 buzz[9A5] C6852 CAP_402 buzz[9B5] C6853 CAP_402 buzz[9B4] C7200 CAP_402 buzz[10C4] C7201 CAP_P_B2 buzz[10D2] C7202 CAP_603 buzz[10D2] C7203 CAP_603 buzz[10D3] C7204 CAP_402 buzz[10C4] C7205 CAP_402 buzz[10D3] C7206 CAP_402 buzz[10D2] C7207 CAP_402 buzz[10C4] C7208 CAP_P_B2 buzz[10D2] C7209 CAP_P_B2 buzz[10D1] C7250 CAP_402 buzz[10C6] C7251 CAP_402 buzz[10C6] C7260 CAP_402 buzz[10B6] C7261 CAP_402 buzz[10A6] C7270 CAP_402 buzz[10A3] C7271 CAP_402 buzz[10B3] C7300 CAP_402 buzz[11C7] C7301 CAP_402 buzz[11C5] C7302 CAP_402 buzz[11C5] C7303 CAP_402 buzz[11C5] C7304 CAP_402 buzz[11C5] C7305 CAP_402 buzz[11C5] C7307 CAP_402 buzz[11D7] C7308 CAP_402 buzz[11D6] C7350 CAP_402 buzz[11A7] C7351 CAP_603 buzz[11A7] C7352 CAP_402 buzz[11A5] C7353 CAP_402 buzz[11A5] C7354 CAP_402 buzz[11A5] C7355 CAP_402 buzz[11A5] C7356 CAP_402 buzz[11A5] C7400 CAP_402 buzz[12B4] C7401 CAP_402 buzz[12D7] C7402 CAP_402 buzz[12C7] C7404 CAP_402 buzz[12C4] C7411 CAP_402 buzz[12B7] C7412 CAP_402 buzz[12B6] C7414 CAP_402 buzz[12C4] C7430 CAP_P_B2 buzz[12D2] C7431 CAP_P_B2 buzz[12C2] C7432 CAP_805-1 buzz[12C2] C7433 CAP_805-1 buzz[12B2] C7440 CAP_402 buzz[12B3] C7441 CAP_402 buzz[12B3] C7442 CAP_402 buzz[12A2] C7443 CAP_402 buzz[12A2] C7445 CAP_402 buzz[12A2] C7446 CAP_402 buzz[12A1] C7447 CAP_402 buzz[12A1] C7450 CAP_402 buzz[12A6] C7451 CAP_402 buzz[12A7] C7800 CAP_603 buzz[13C6] C7801 CAP_603 buzz[13C6] C7802 CAP_603 buzz[13C6] C7806 CAP_402 buzz[13B8] C7807 CAP_402 buzz[13B6] C7808 CAP_402 buzz[13B7] C7809 CAP_402 buzz[13C4] C7822 CAP_402 buzz[13B4] C7830 CAP_1210 buzz[13C3] C7840 CAP_805 buzz[13B2] C7841 CAP_P_SMC-LF buzz[13B2] C7842 CAP_805 buzz[13B2] | C7843 CAP_402 buzz[13B2] C7890 CAP_402 buzz[13C1] C8200 CAP_805 buzz[14C7] C8201 CAP_805 buzz[14D7] C8203 CAP_402 buzz[14C7] C8204 CAP_603 buzz[14D6] C8205 CAP_603 buzz[14D4] C8206 CAP_402 buzz[14C2] C8210 CAP_402 buzz[14B6] C8250 CAP_805 buzz[14B5] C8300 CAP_402 buzz[15D6] C8301 CAP_402 buzz[15C6] C8302 CAP_402 buzz[15C6] C8303 CAP_603 buzz[145C4] C8304 CAP_402 buzz[15D4] C8305 CAP_1206 buzz[15C2] C8306 CAP_1206 buzz[15C2] C8307 CAP_603 buzz[15D7] C8308 CAP_1210 buzz[15C3] C8309 CAP_P_6_3X5.5SM1 buzz[15C2] C8310 CAP_1210 buzz[15B2] C8311 CAP_402 buzz[15D6] C8312 CAP_402 buzz[15D5] C8314 CAP_402 buzz[15C6] C8315 CAP_402 buzz[15C6] C8316 CAP_1206 buzz[15C2] C8319 CAP_402 buzz[15D6] C8320 CAP_402 buzz[15B7] C8321 CAP_402 buzz[15B6] C8322 CAP_402 buzz[15B6] C8323 CAP_402 buzz[15A6] C8324 CAP_402 buzz[15B5] C8325 CAP_402 buzz[15B5] C8327 CAP_402 buzz[15B2] C8330 CAP_402 buzz[15A2] C8340 CAP_603 buzz[15D7] C8341 CAP_402 buzz[15C7] C8361 CAP_402 buzz[15A7] C8362 CAP_402 buzz[15A7] C8370 CAP_603 buzz[15C5] C8405 CAP_402 buzz[16C3] C8415 CAP_402 buzz[16C7] C8450 CAP_402 buzz[16B4] D5100 DIODE_SCHOT_3P_A_SC- buzz[5B3] 75 D6800 DIODE_SCHOT_POWERDI- buzz[9B3] 123 D7300 DIODE_SCHOT_3P_A_SC- buzz[11C7] 75 D7301 DIODE_SCHOT_3P_A_SC- buzz[11A6] 75 D7800 DIO_MBRM140T3_SM_SMD buzz[13B3] D8200 DIODE_SCHOT_3P_A_SC- buzz[14C7] 75 D8201 DIODE_SOT23 buzz[14D5] D8300 DIODE_SCHOT_SOD-123 buzz[15C3] D8321 DIODE_SOT23 buzz[15B4] D8340 DIODE_SOT23 buzz[15C7] D27300 SUPPR_TRANSIENT_4P1_ buzz[11C6] 0405 D27301 SUPPR_TRANSIENT_4P1_ buzz[11C6] 0405 D27350 SUPPR_TRANSIENT_4P1_ buzz[11A6] 0405 D27351 SUPPR_TRANSIENT_4P1_ buzz[11A6] 0405 F8200 FUSE_1206 buzz[14D5] F8302 FUSE_1206 buzz[15B3] FL5500 FILTER_4P_TCM1005 buzz[8C3] FL5501 FILTER_4P_TCM1005 buzz[8B3] J5100 CON_F4RT_USB_S2MT_TH buzz[5C2] _F-RT-TH-USB-LFT J5300 CON_F26RT_S2MT_SM_F- buzz[6D2] RT-SM J5400 CON_F52RT_D2MT_SM_F- buzz[7C5] ST-SM J5500 CON_F80ST_D4MT_SM_F- buzz[8C4] ST-SM J7300 CON_F8RT_SPDIFFRAN_T buzz[11D8] H2_F-RT-TH J7350 CON_F8RT_SPDIFRCVR_T buzz[11B8] H2_F-RT-TH J7380 CON_MBST_S_TH_M-ST-T buzz[11C1] H J8200 CON_F8RT_S2MT_TH3_F- buzz[14D8] RT-FW J8215 CON_M12ST_S_SM_M-ST- buzz[14A4] SM L5100 FILTER_4P_SM buzz[5C4] L5101 FILTER_2P_0805 buzz[5C4] L5150 IND_SM buzz[5B4] L6800 IND_0402 buzz[9B4] L6801 IND_0402 buzz[9D6] L7200 IND_0402 buzz[10D6] L7201 IND_0402 buzz[10C6] L7250 IND_0402 buzz[10C6] L7251 IND_0402 buzz[10C6] L7260 IND_0402 buzz[10B6] L7261 IND_0402 buzz[10A6] L7270 IND_0402 buzz[10A4] L7271 IND_0402 buzz[10B4] L7300 IND_0402 buzz[11D6] L7301 IND_0402 buzz[11D4] L7302 IND_0402 buzz[11D6] L7303 IND_0402 buzz[11C6] L7304 IND_0402 buzz[11C4] L7305 IND_0402 buzz[11C6] L7306 IND_0402 buzz[11C4] L7307 IND_0402 buzz[11C6] L7350 IND_0402 buzz[11B6] L7351 IND_0402 buzz[11B4] L7352 IND_0402 buzz[11B6] L7353 IND_0402 buzz[11B6] L7354 IND_0402 buzz[11B4] L7355 IND_0402 buzz[11B6] L7356 IND_0402 buzz[11B4] L7357 IND_0402 buzz[11A6] L7400 IND_0402 buzz[12B4] L7800 IND_IHLP buzz[13B3] L8200 FILTER_4P_SM buzz[14D6] L8201 IND_SM-1 buzz[14D6] L8300 IND_3P_SM buzz[15C3] L8320 IND_SM-LF buzz[15B2] L8321 IND_SM-LF buzz[15A2] | Q5360 TRA_2N7002_SOT23-LF buzz[6B3] Q7400 TRA_2N7002DW_SOT-363 buzz[12C7 12D7] Q7401 TRA_2N7002DW_SOT-363 buzz[12D5 12D6] Q7402 TRA_2N7002DW_SOT-363 buzz[12B7 12C5] Q7410 TRA_2N7002DW_SOT-363 buzz[12A4 12A5] Q7800 TRA_FDC796N_SUPERSOT buzz[13C4] -6 Q7801 TRA_FDC796N_SUPERSOT buzz[13B4] -6 Q7890 TRA_FDC638P_SM-LF buzz[13C2] Q8200 TRA_2N7002DW_SOT-363 buzz[14C2 14C3] Q8209 TRA_TP0610_SOT23-3 buzz[14D2] Q8210 TRA_2N7002DW_SOT-363 buzz[14C1 14B5] Q8250 TRA_S14405DY_SO-8 buzz[14B4] Q8298 TRA_DUAL_MOSFET_NPCH buzz[14B2 14B2] N2_SC70-6 Q8300 TRA_S14405DY_SO-8 buzz[15D4] Q8301 TRA_HAT2165H_LFPAK buzz[15C3] Q8302 TRA_HAT2165H_LFPAK buzz[15C3] Q8320 TRA_S14405DY_SO-8 buzz[15B5] Q8321 TRA_S14405DY_SO-8 buzz[15B4] Q8322 TRA_2N7002DW_SOT-363 buzz[15A5 15A6] Q8324 TRA_2N7002DW_SOT-363 buzz[15A4 15A5] Q8340 TRA_IRLML5203_SM buzz[15D7] Q8350 TRA_2N7002_SOT23-LF buzz[15B7] R0600 RES_402 buzz[4A5] R0601 RES_402 buzz[4A5] R5190 RES_402 buzz[5C5] R5300 RES_402 buzz[6C6] R5301 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buzz[12A6] XW7800 SHORT_SM buzz[13B6] XW8300 SHORT_SM buzz[15C5] XW8301 SHORT_SM buzz[15D3] XW8302 SHORT_SM buzz[15C3] XW8303 SHORT_SM buzz[15B2] XW8304 SHORT_SM buzz[15B2] | D | | | |
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