SCHEM,LIO/AUDIO , MACBOOK PRO 17"

09/25/06

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3 | 4 | BOM CONFIGURATION | (MASTER) | (MASTER) | (MASTER)
4 | 6 | Aliases | (MASTER) | (MASTER) | (MASTER)
5 | 51 | Left USB Port | (MASTER) | (MASTER) | (MASTER)
6 | 53 | ExpressCard Connector | M59 LID | 09/19/2006 | 09/19/2006
7 | 54 | PCI-E MiniCard Connector | M59 LID | 09/19/2006 | 09/19/2006
8 | 55 | MLB I/O Board Connector | (MASTER) | (MASTER) | (MASTER)
9 | 64 | Left ALS | (MASTER) | (MASTER) | (MASTER)
10 | 68 | AUDIO: CODEC | LENG0_M57_AUDIO | 09/19/2006 | 09/19/2006
11 | 70 | AUDIO: LINE IN | LENG0_M57_AUDIO | 09/19/2006 | 09/19/2006
12 | 71 | AUDIO: HEADPHONE AMP | LENG0_M57_AUDIO | 09/19/2006 | 09/19/2006
13 | 72 | AUDIO: SPEAKER AMP | LENG0_M57_AUDIO | 09/19/2006 | 09/19/2006
14 | 73 | AUDIO: JACKS | LENG0_M57_AUDIO | 09/19/2006 | 09/19/2006
15 | 74 | AUDIO: JACK TRANSLATORS | LENG0_M57_AUDIO | 09/19/2006 | 09/19/2006
16 | 76 | 5V/3.3V SUPPLY | <MASTER> | <MASTER> | <MASTER>
17 | 82 | DC-In & Battery Connectors | (MASTER) | (MASTER) | (MASTER)
18 | 84 | LEFT I/O POWER CONNECTOR | (MASTER) | (MASTER) | (MASTER)
19 | 100 | HISTORY: NON-AUDIO | (MASTER) | (MASTER) | (MASTER)
20 | 101 | | LENG0_M57_AUDIO | 09/19/2006 | 09/19/2006
21 | 102 | Cross Reference Page |  |  |  
22 | 103 | Cross Reference Page |  |  |  

ALIASES RESOLVED
<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>CRITICAL</th>
<th>BOM OPTION</th>
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<tr>
<td>630-7707</td>
<td>1</td>
<td>COMMON,ALTERNATE PCBA,LIO/AUDIO,MACBOOK PRO 17</td>
<td>815-8851</td>
<td>ALS SPACER, M9</td>
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**BAR CODE LABEL / EEE#’S**

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<th>PART NUMBER</th>
<th>QTY</th>
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<th>CRITICAL</th>
<th>BOM OPTION</th>
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**NOTE**

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2. **SCALE**
   - none

3. **REV.**
   - APPLE COMPUTER INC.

4. **SYNC_MASTER**
   - (MASTER)

5. **SYNC_DATE**
   - (MASTER)

6. **BOM CONFIGURATION**

7. **BAR CODE LABEL / EEE#’S**

8. **NOTE**

9. **SCALE**
   - none

10. **REV.**
    - APPLE COMPUTER INC.

11. **SYNC_MASTER**
    - (MASTER)

12. **SYNC_DATE**
    - (MASTER)

13. **BOM CONFIGURATION**
Pseudo-Diff Line-In Filter

GAIN = -7.1DB  AV = 0.44
FC = 2.4 HZ
DC Power Jack

1-Wire OverVoltage Protection

DC-In & Battery Connectors
Left I/O Power Connector

CRITICAL
J8415
87438-0832-BLK

PPBUS_G3H_DCIN_CONN
PP18V5_DCIN

SYNCE_DATE=(MASTER)
SYNC_MASTER=(MASTER)

A 051-7165 22
B
C
D

APPLE COMPUTER INC.

518S0456
CHANGE LIST
05/04/06:
INITIAL M57 YUBA SCHEMATIC CREATED. LATEST AUDIO CIRCUITRY SYNCED INTO SCHEMATIC.
05/05/06:
PAGE 4: UPDATED ALIASES
PAGE 8: UPDATED LIO-MLR CONNECTOR WITH SMBUS ALS TEMP SIGNALS
PAGE 9: ADDED LEFT ALS TEMP SENSOR(U6402)
PAGE 10: CHANGED DC-IN CONNECTOR TO BLACK
PAGE 11: REMOVED UNNEEDED EXPRESSCARD COMPONENTS (AND GATE FOR SMC INPUT)
PAGE 12: REMOVED D7800,R7802; CHANGED TO ISL6269A
05/07/06:
PAGE 6: CHANGED EXPRESSCARD CONNECTOR TO BLACK
PAGE 18: REMOVED UNNEEDED I2C OPTIONS AND COMPONENTS IN ONE-WIRE CIRCUIT
FUTURE UPDATES LOGGED IN PERFORCE
CHANGE LIST

MAY 03 2006: FIRST RELEASE
MAY 04 2006: REMOVED U7350
MAY 10 2006: CONNECT XW7200.1 TO GND AUDIO PWR INSTEAD OF 5V, REPLACED C7301/02/04/52/53/55 WITH ZAP DIODES
MAY 25 2006: REPLACED R6801, R7000, R7200 WITH 155S0138. CHANGED C6803 TO 22UF ROHS COMPLIANT CAP
MAY 31 2006: CHANGE U6800 TO 353S1458, DC SCREENED VERSION. CHANGED NETNAME "=GND_AUDIO_PWR" TO "=GND_AUDIO;amp"
JUNE 01 2006: ADDED NETNAMES TO NC PINS ON U6800. ADDED "NO TESTING" ATTRIBUTES TO NC NETS.
JUNE 28 2006: ADDED CRITICAL TO U6800. REMOVE "?" FROM BOM OPTION TABLE

MAY 25 2006: REPLACED R6801, R7000, R7200 WITH 155S0138. CHANGED C6803 TO 22UF ROHS COMPLIANT CAP
MAY 31 2006: CHANGE U6800 TO 353S1458, DC SCREENED VERSION. CHANGED NETNAME "=GND_AUDIO_PWR" TO "=GND_AUDIO;amp"
JUNE 1 2006: ADDED NETNAMES TO NC PINS ON U6800. ADDED "NO TESTING" ATTRIBUTES TO NC NETS.
JUNE 28 2006: ADDED CRITICAL TO U6800. REMOVE "?" FROM BOM OPTION TABLE