

Compal Confidential

Schematics Document

QCLA4 LS-8863P TP_LR/LID/LED

2012-04-05

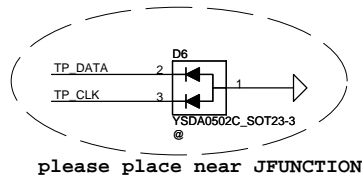
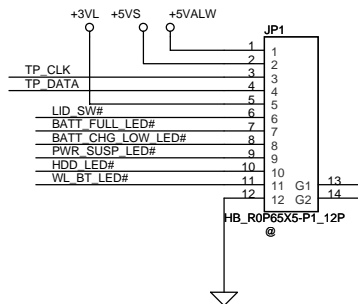
REV:1.0

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|---|--------------------|-----------------|------------|--------------------------|-----|------|
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| Issued Date | 2011/11/18 | Deciphered Date | 2013/11/18 | Title | | |
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| | | | | Document Number | Rev | |
| | | | | LS-8863P TP_LR/LID/LED | C | |
| Date: Tuesday, July 10, 2012 | | | | Sheet | 1 | of 3 |

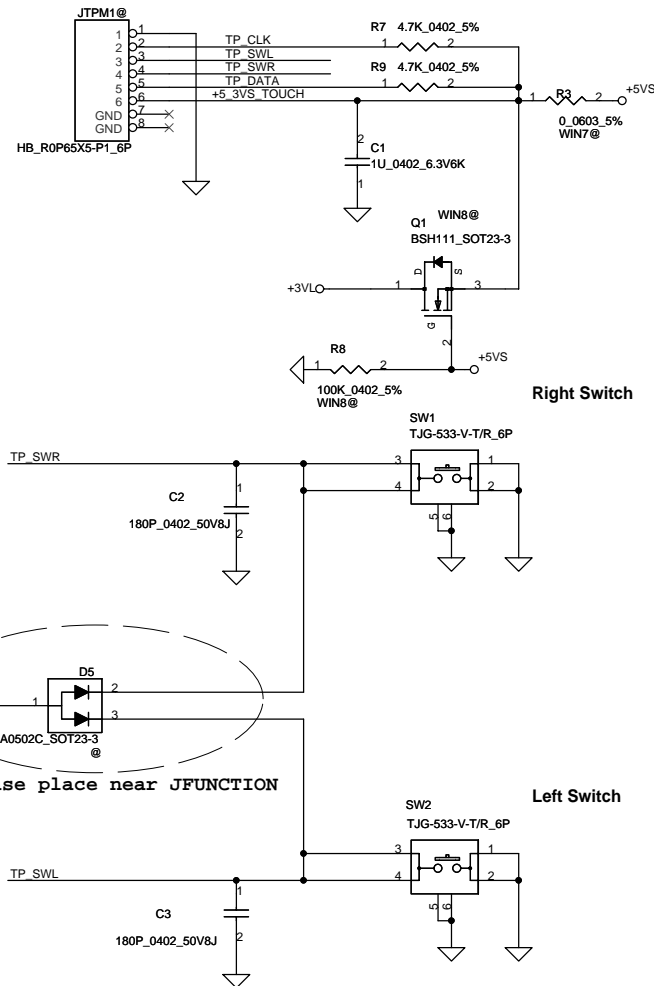
COMPAL CONFIDENTIAL

MODEL NAME: QCLA4
PCB NAME: LS-8863P
COMPAL P/N: DA40001C610
Function: TP_LR/LID/LED
REVISION: 1.0
DATE: 2012/04/05

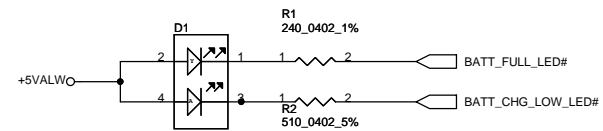
hot bar to M/B



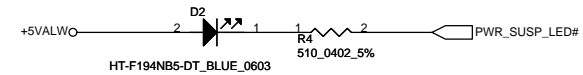
hot bar to Touch Pad Module



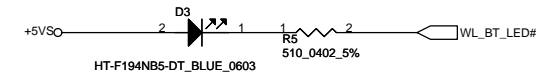
BATT CHARGE /FULL LED



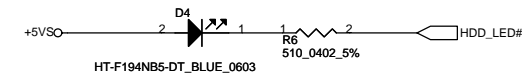
POWER LED



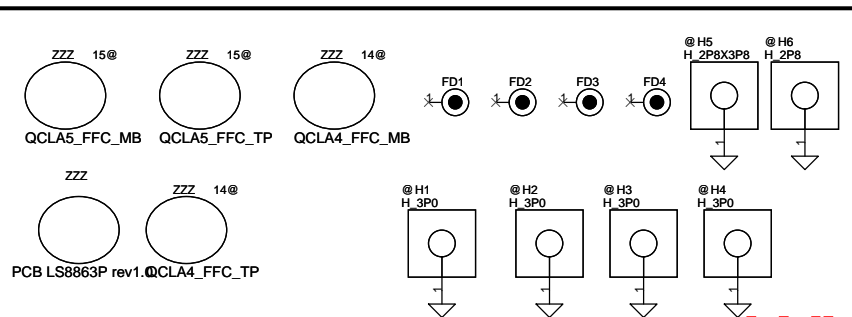
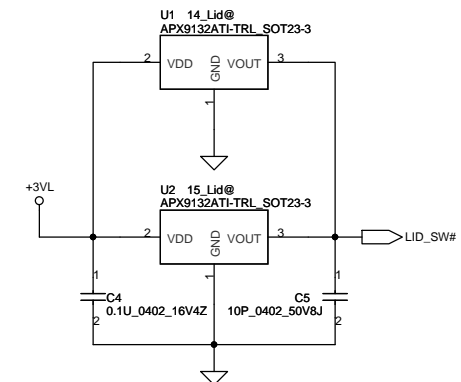
WLAN LED



HDD LED



Lid SW



| | | | | |
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| Size | B | Document Number | LS-8863P | Rev C |
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HW4 Product Improvement Record (P.I.R.)

QCLA4 LS-8863P
SCHEMATIC CHANGE LIST
REVISION CHANGE: 0.0-0.1
GERBER-OUT DATE: 12/28

| NO. | DATE | Page | Modification | Purpose |
|-----|-------|------|--|---|
| 1 | 12/08 | 02 | Change R1,R4,R6,R7 220 ohm to 390 ohm | For LED current limit |
| 2 | 12/08 | 02 | Change R2,R5 220 ohm to 510 ohm | For LED current limit |
| 3 | 12/08 | 02 | Modify JPIO1 pin define | For Mother Board connect |
| 4 | 12/08 | 02 | Delete U1 | 17" LID cancel |
| 5 | 12/08 | 02 | Change VCC of Battery charge/Full LED and Power LED from +3VALW to +5VLAW | For action of LED function |
| 6 | 12/08 | 02 | Change VCC of Wimax LED and HDD LED from +3VS to +5VS | For action of LED function |
| 7 | 12/08 | 02 | Change LED from HT-191UYG-DT_GRN to HT-F196BP5_WHITE | For LED color changed |
| 8 | 12/09 | 02 | Change D5 from PACDN042Y3R_SOT23-3 to YSDA0502C_SOT23-3 | For ESD circuit improved |
| 9 | 12/12 | 02 | Change D1 from HT-F196BP5_WHITE to HT-191UYG-DT_GRN | For LED color changed |
| 10 | 12/12 | 02 | Delete D2 and R4 | For Power LED circuit modified |
| 11 | 12/12 | 02 | Modify the name of WIMAX LED to WLAN LED | Modify the function name |
| 12 | 12/12 | 02 | Change the JPIO1 form HB_R0P65X4-P1_16P to HB_R0P65X4-P1_12P | For matching Mother board pin define |
| 13 | 12/13 | 02 | Change LED2, D2, D3 from HT-191UD5_AMBER and HT-F196BP5_WHITE to HT-F194NB5-DT_BLUE_0603 | For LED color changed |
| 14 | 12/13 | 02 | Change R4 from 510 ohm to 390 ohm | For LED current limit |
| 15 | 12/14 | 02 | Add D6 | For ESD function |
| 16 | 12/14 | 02 | Delete SW2 and SW3 | 14" and "15" switch used the same one |
| 17 | 12/14 | 02 | Delete H3 and modify the H1 and H2 | For Screw hole modified |
| 18 | 12/15 | 02 | Add H3, H4 and modify the H1 and H2 | For Screw hole modified from ME team |
| 19 | 12/27 | 02 | Modify JP1 Pin define | For Mother Board JTP connector modified |
| 20 | 12/29 | 02 | Modify JTPM Pin define | For TP module pin define modified |

QCLA4 LS-8863P
SCHEMATIC CHANGE LIST
REVISION CHANGE: 0.1-0.2
GERBER-OUT DATE: 02/09

| NO. | DATE | Page | Modification | Purpose |
|-----|-------|------|---|-------------------|
| 1 | 02/09 | 02 | Add Q1, R8 | For WIN8 function |
| 2 | 02/21 | 02 | Change SW1 and SW2 from SN10002Y00 to SN100000W00 | For 2Y00 is EOL |

QCLA4 LS-8863P
SCHEMATIC CHANGE LIST
REVISION CHANGE: 0.2-0.3
GERBER-OUT DATE: 03/02

| NO. | DATE | Page | Modification | Purpose |
|-----|-------|------|--|---------|
| 1 | 03/12 | 02 | Modify H2, H4 Radius from 2.8 to 3.0 | |
| 2 | 03/14 | 02 | Modify D1 from SC500007900 to SC50000CV00 and D7 from SC500007700 to SC500008010 | |

QCLA4 LS-8863P
SCHEMATIC CHANGE LIST
REVISION CHANGE: 0.3-1.0
GERBER-OUT DATE: 03/29

| NO. | DATE | Page | Modification | Purpose |
|-----|-------|------|---|---------|
| 1 | 04/05 | 02 | Add R7,R9 4.7k ohm resistor | |
| 2 | 04/05 | 02 | Modify TP_CLK and TP_DATA connect to +5_3VS_Touch | |
| 3 | 04/05 | 02 | Modify Delete D7 and change D1 to SC50000AB00 | |

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