

Compal confidential

Schematics Document

QCLA4 LS-8864P Audio Jack / Cardreader

2012-04-05

REV:1.0

Security Classification	Compal Secret Data			Compal Electronics, Inc.	
Issued Date	2011/11/18	Deciphered Date	2011/11/18	Title	SCHEMATIC,CARD RDR/B S8864
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				Date: Friday, July 06, 2012	Sheet 1 of 4

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MODEL NAME: QCLA4

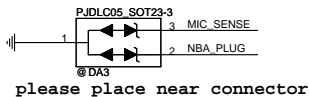
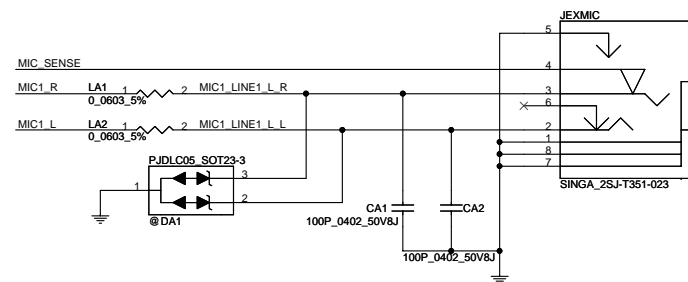
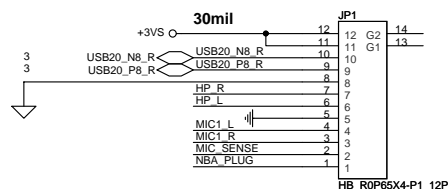
PCB NAME: LS-8864P

COMPAL P/N: DA40001C910

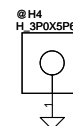
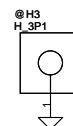
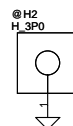
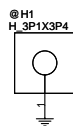
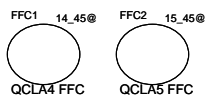
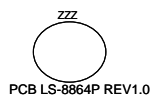
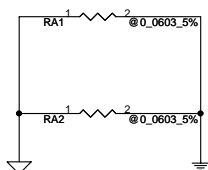
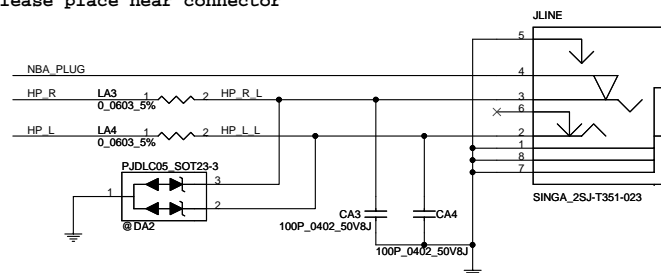
Function: Audio Jack

REVISION: 1.0

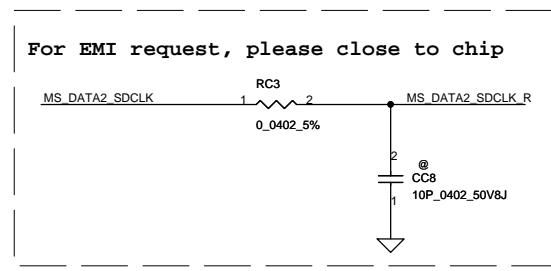
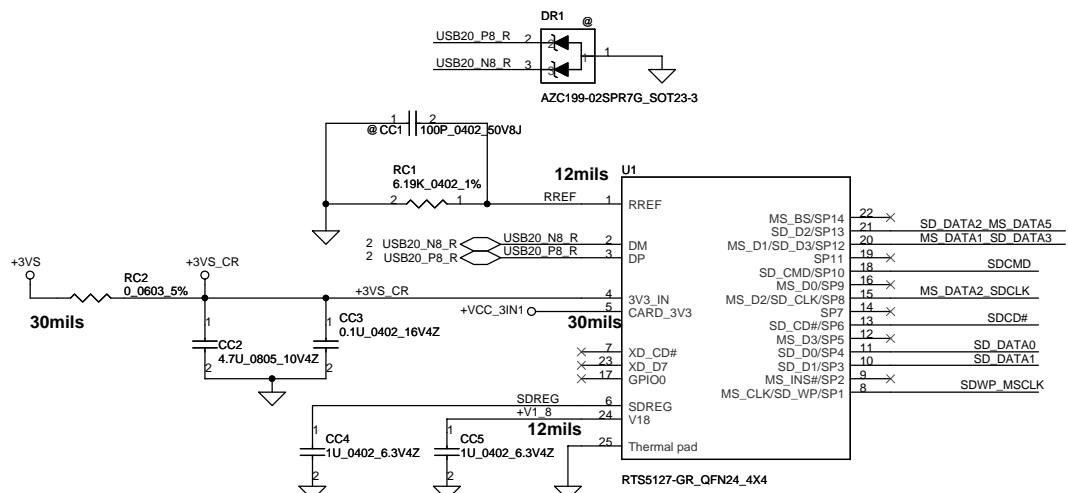
DATE: 2012/04/05



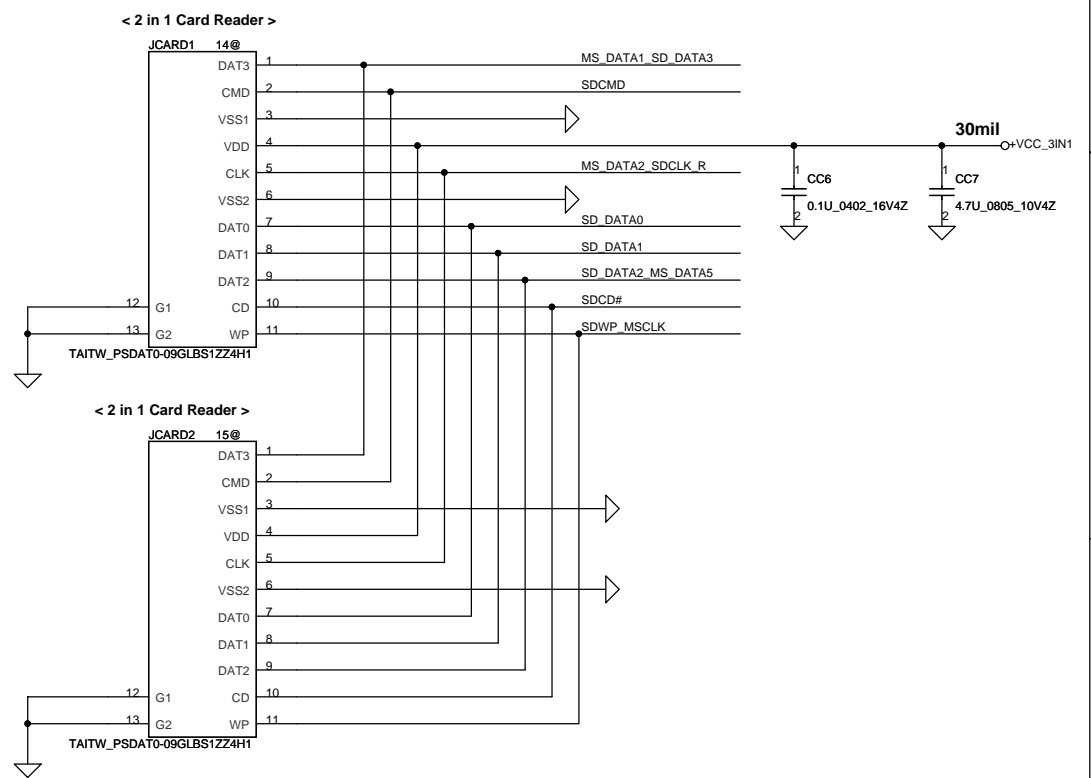
please place near connector



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De-coupling and Bulk capacitor should place near to Cardreader chip and Combo Socket



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HW4 Product Improvement Record (P.I.R.)

QCLA4 LS-8864P
SCHEMATIC CHANGE LIST
REVISION CHANGE: 0.0-0.1
GERBER-OUT DATE: 12/28

NO.	DATE	Page	Modification	Purpose
1.	2011-12-28	03	Add SDWP_MSCLK Delete RC4, RC5, RC6, RC7, RC8, RC9, RC10, RC11 Change EMI solution RC3, CC8	
2.	2012-01-16	03	Change RC3 10ohm to 0ohm	

QCLA4 LS-8864P
SCHEMATIC CHANGE LIST
REVISION CHANGE: 0.1-0.2
GERBER-OUT DATE: 2/10

NO.	DATE	Page	Modification	Purpose
1.	2012-02-06	02	Delete MIC	
2.	2012-02-06	02	Add H5	
3.	2012-02-06	02	Modify JP1 Footprint from 5X5 to 5X4	
4.	2012-02-02	02	Delete RA3, RA4	
5.	2012-02-06	02	Modify the Net name of pin1 of JP1 from INT_MIC to NBA_PLUG	
6.	2012-02-06	02	Modify the Net name of pin2 of JP1 from SENSE_A to MIC_SENSE	
7.	2012-02-06	02	Add ESD for MIC_SENSE and NBA_PLUG	
8.	2012-02-06	02	Delete H5	

QCLA4 LS-8864P
SCHEMATIC CHANGE LIST
REVISION CHANGE: 0.3
GERBER-OUT DATE: 3/12

NO.	DATE	Page	Modification	Purpose
1.	2012-03-02	03	Modify resistor and cap. Location RC6 to RC2, RC5 to RC1, CC13 to CC2, CC12 to CC3, CC14 to CC4, CC15 to CC5	
2.	2012-03-02	03	Change Compal Part Number for Cardreader IC RTS-5127	

QCLA4 LS-8864P
SCHEMATIC CHANGE LIST
REVISION CHANGE: 0.3-1.0
GERBER-OUT DATE: 4/5

NO.	DATE	Page	Modification	Purpose
1.	2012-04-05	02	Modify the H3 hole radius from 3.2mm to 3.1mm	
2.	2012-04-05	02	Modify the H1 hole radius from 3.5mm to 3.4mm and 3.2mm to 3.1mm	

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