

Compal confidential

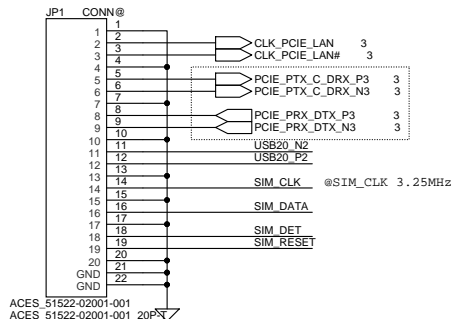
Schematics Document LS-9313P IO board

2013-04-16

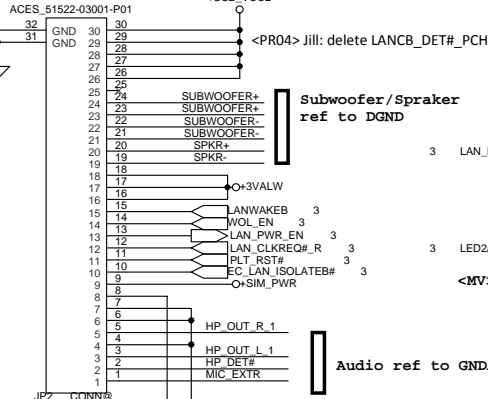
ver: 1.0

Security Classification	Compal Secret Data			Compal Electronics, Inc.		
Issued Date	2012/08/22	Deciphered Date	2014/08/30	Title	SCHEMATIC IO/B S9313	
THIS SHEET OF ENGINEERING DRAWING IS THE PROPRIETARY PROPERTY OF COMPAL ELECTRONICS, INC. AND CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. THIS SHEET MAY NOT BE TRANSFERRED FROM THE CUSTODY OF THE COMPETENT DIVISION OF RAJASTHAN DEPARTMENT EXCEPT AS AUTHORIZED BY COMPAL ELECTRONICS, INC. NEITHER THIS SHEET NOR THE INFORMATION IT CONTAINS MAY BE USED BY OR DISCLOSED TO ANY THIRD PARTY WITHOUT PRIOR WRITTEN CONSENT OF COMPAL ELECTRONICS, INC.				Document Number	405MAF	Rev A
				Date:	Monday, October 21, 2013	Sheet 1 of 5

20 Pin FFC



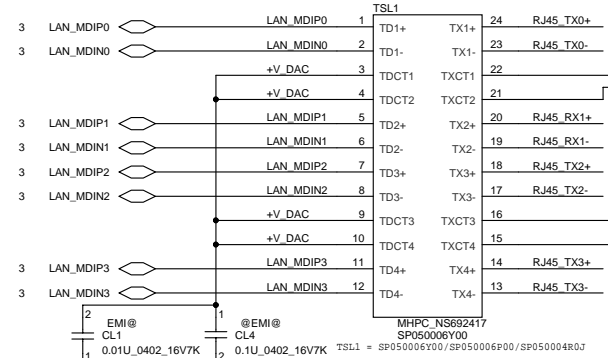
30 Pin FFC



<SI> TSL1 update FootPrint

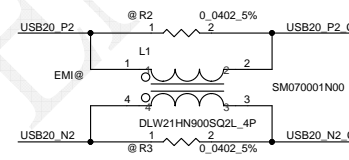
<SI> TSL1 change to SP050006P00

<PR04> Jill: TSL1 change to SP050006Y00/SP050006P00/SP050004R0J



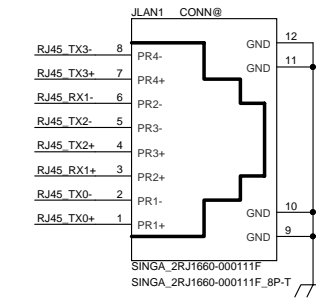
LAN Layout Guide
Rdiff = 100ohm
Pairs to Pairs spacing = 30 mil

<PR04> Jill: delete JSW1 and CL6



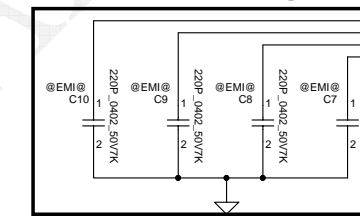
<PR04> Jill: L1 change to SM070001N00/SM070000K00

<SI> change JLAN1 footprint



SPK Layout Guide
width/spacing = 30/20

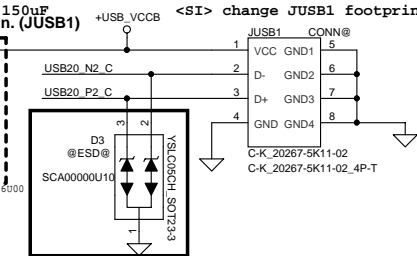
<SI> add C7/C8/C9/C10 EMI request



ACES_50281-004N-001

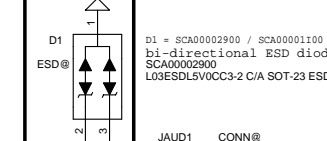
ACES_50281-004N-001_4P

<SI> C6 change 150uF
Closed to conn. (JUSB1)



<SI> pop D1

<DB> add D1/D3 for ESD



Headphone R/L width/spacing=10mil/20mil.
MIC 10mil/10mil.

<SI> L2 to SM010031900/SM010016810

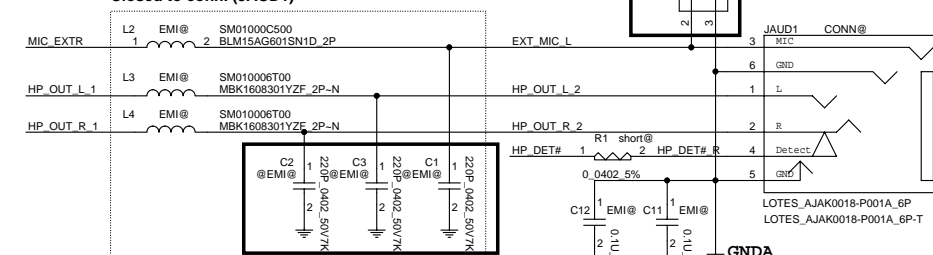
L3/L4 to SM010006T00/SM010031680

<01.16> L2 change to SM01000C500

<PR04> Jill: L3/L4 change to SM010006T00/SM01000B600,

L2 change to SM01000C500/SM01000LP0L

Closed to conn. (JAUD1)



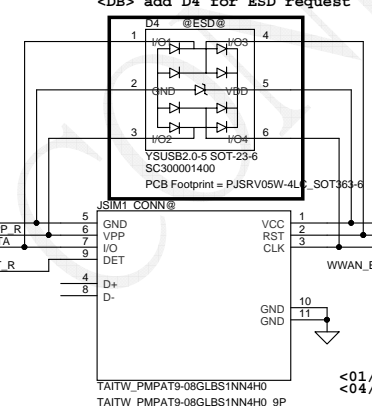
<DB> add C1/C2/C3 for EMI request

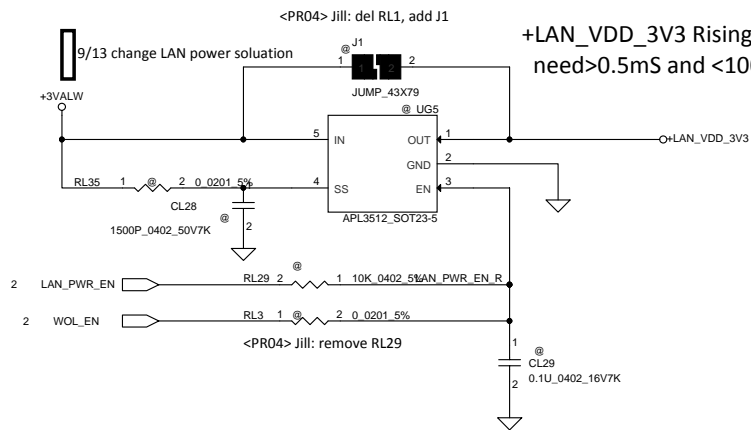
<01.07> add C11,C12 for EMI request

<PR04> Jill: change pin11/25 net name (follow PIXAR NonCS)

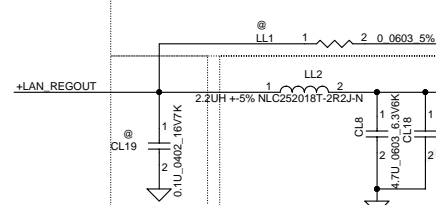
<SI> change D4 footprint

<DB> add D4 for ESD request





RTL8111G (LDO mode)



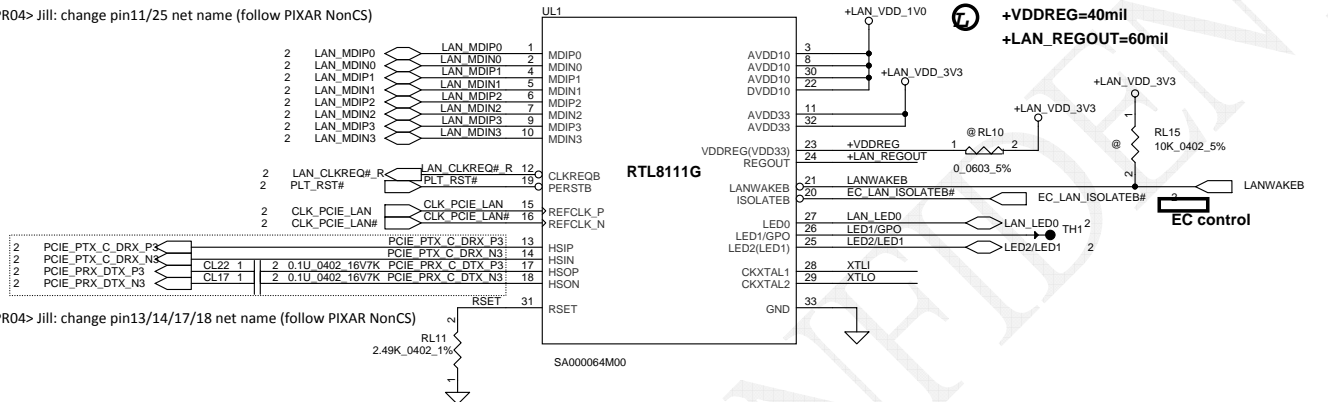
RTL8111GS (Switching mode)
CL8 & CL18 close LL2

	LDO mode	Switching mode
LL1	SMT	@
CL19	SMT	@
LL2	@	SMT
CL8	@	SMT

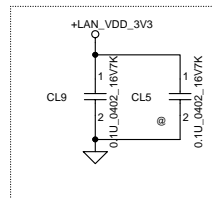
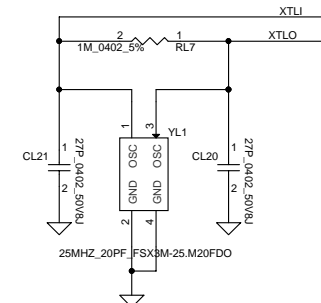
Place CL11~CL13 close UL1 Pin 3, 8, 22

CL14 & CL15 close UL1 Pin22

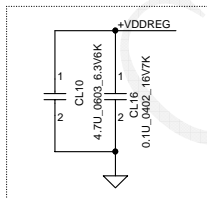
<PR04> J1: change pin11/25 net name (follow PIXAR NonCS)



<PR04> J1: change pin13/14/17/18 net name (follow PIXAR NonCS)



CL9 & CL5 close to UL1: Pin 11,32



CL10 & CL11 close to UL1: Pin 11,32

Security Classification	Compal Secret Data		Title	
Issued Date	2012/11/07	Deciphered Date	2012/11/07	Document Number
THIS SHEET OF ENGINEERING DRAWING IS THE PROPRIETARY PROPERTY OF COMPAL ELECTRONICS, INC. AND CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. THIS SHEET MAY NOT BE TRANSFERRED FROM THE CUSTODY OF THE COMPETENT DIVISION OF R&D DEPARTMENT EXCEPT AS AUTHORIZED BY COMPAL ELECTRONICS, INC. NEITHER THIS SHEET NOR THE INFORMATION IT CONTAINS MAY BE USED BY OR DISCLOSED TO ANY THIRD PARTY WITHOUT PRIOR WRITTEN CONSENT OF COMPAL ELECTRONICS, INC.				Rev A
Date:	Monday, October 21, 2013	Sheet	3 of 5	

Compal Electronics, Inc.

SCHEMATIC IO/B S9313

405MAF

Layout Guide List

- 1. Layout sequence: LAN -> Audio-> USB -> SIM ->other
- 2. LAN Layout Guide
 - Rdiff = 100ohm
 - Pairs to Pairs spacing = 30 mil



CONFIDENTIAL

Security Classification		Compal Secret Data		Compal Electronics, Inc.	
Issued Date	2012/08/22	Deciphered Date	2014/08/30	Title	
THIS SHEET OF ENGINEERING DRAWING IS THE PROPRIETARY PROPERTY OF COMPAL ELECTRONICS, INC. AND CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. THIS SHEET MAY NOT BE TRANSFERRED FROM THE CUSTODY OF THE COMPETENT DIVISION OF R&D DEPARTMENT EXCEPT AS AUTHORIZED BY COMPAL ELECTRONICS, INC. NEITHER THIS SHEET NOR THE INFORMATION IT CONTAINS MAY BE USED BY OR DISCLOSED TO ANY THIRD PARTY WITHOUT PRIOR WRITTEN CONSENT OF COMPAL ELECTRONICS, INC.				Document Number	Rev
				405MAF	A
Date: Monday, October 21, 2013				Sheet	4 of 5

Version Change List (P. I. R. List)

Item

Page#

Title

Change Description

Cut-In Date

JP1 change to 18pin ; change JP2 to 26pin

CONFIDENTIAL

Security Classification		Compal Secret Data		Compal Electronics, Inc.	
Issued Date		2012/08/22		Deciphered Date	
		2014/08/30		Title	
				SCHEMATIC IO/B S9313	
THIS SHEET OF ENGINEERING DRAWING IS THE PROPRIETARY PROPERTY OF COMPAL ELECTRONICS, INC. AND CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. THIS SHEET MAY NOT BE TRANSFERRED FROM THE CUSTODY OF THE COMPETENT DIVISION OF RAJAPUTRA DEPARTMENT EXCEPT AS AUTHORIZED BY COMPAL ELECTRONICS, INC. NEITHER THIS SHEET NOR THE INFORMATION IT CONTAINS MAY BE USED BY OR DISCLOSED TO ANY THIRD PARTY WITHOUT PRIOR WRITTEN CONSENT OF COMPAL ELECTRONICS, INC.		Document Number		Rev	
		405MAF		A	
Date:		Monday, October 21, 2013		Sheet 5 of 5	