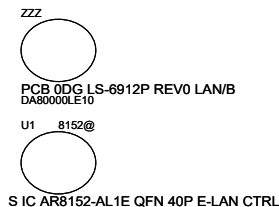
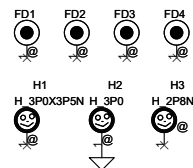
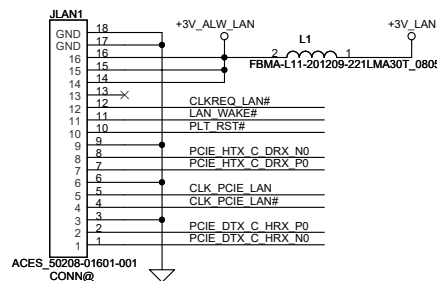


# COMPAL CONFIDENTIAL

MODEL NAME: P7YE0  
PCB NAME: LS-6912P LAN/B  
COMPAL P/N: DA80000LE10  
REVISION: 1.0  
DATE: 2010/11/15



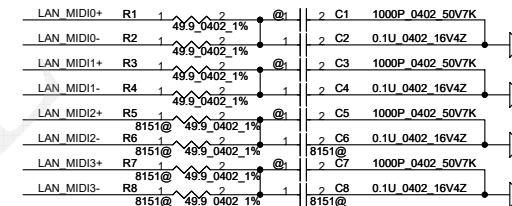
## LAN CONN.



## Power On strapping

Pin	Description	Chip Default
LED0	H:Over Clock Enable L:Over Clock Disable *	H
LED2	H:SWR Switch mode regulator Select* AR8151 Pin23=LED2. AR8152, Pin23 is CLKREQ	--

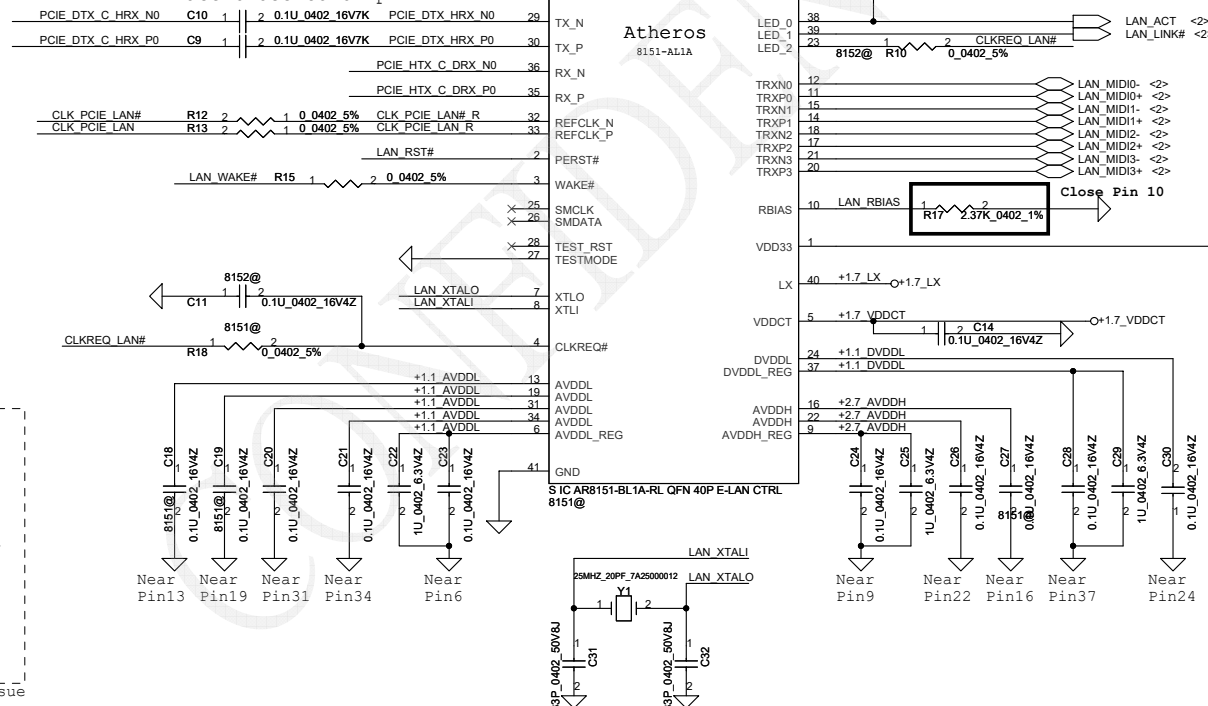
## Place Close to LAN chip



Note 1 : 8152 no mount MDI3+, MDI3-, MDI2-, MDI2+ resistor and cap

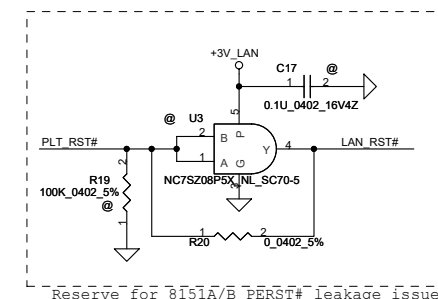
Note 2 : C1, C3, C5, C7 reserved for EMI.

## Place Close to Chip



C15 & C16 Close pin1 < 200mil  
C13 & C14 Close pin < 400mil

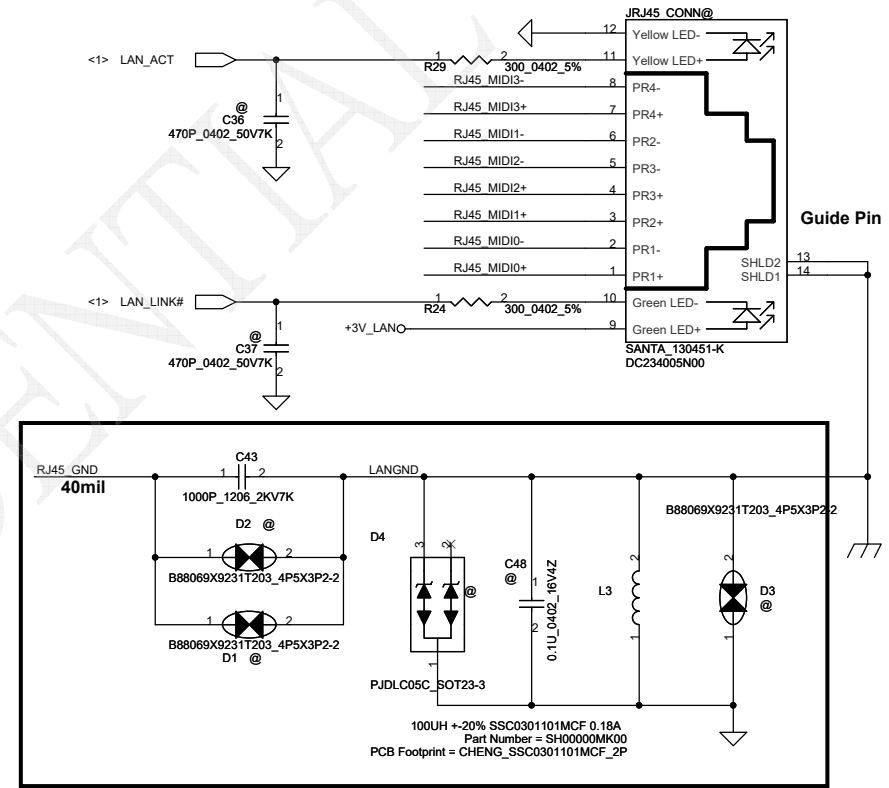
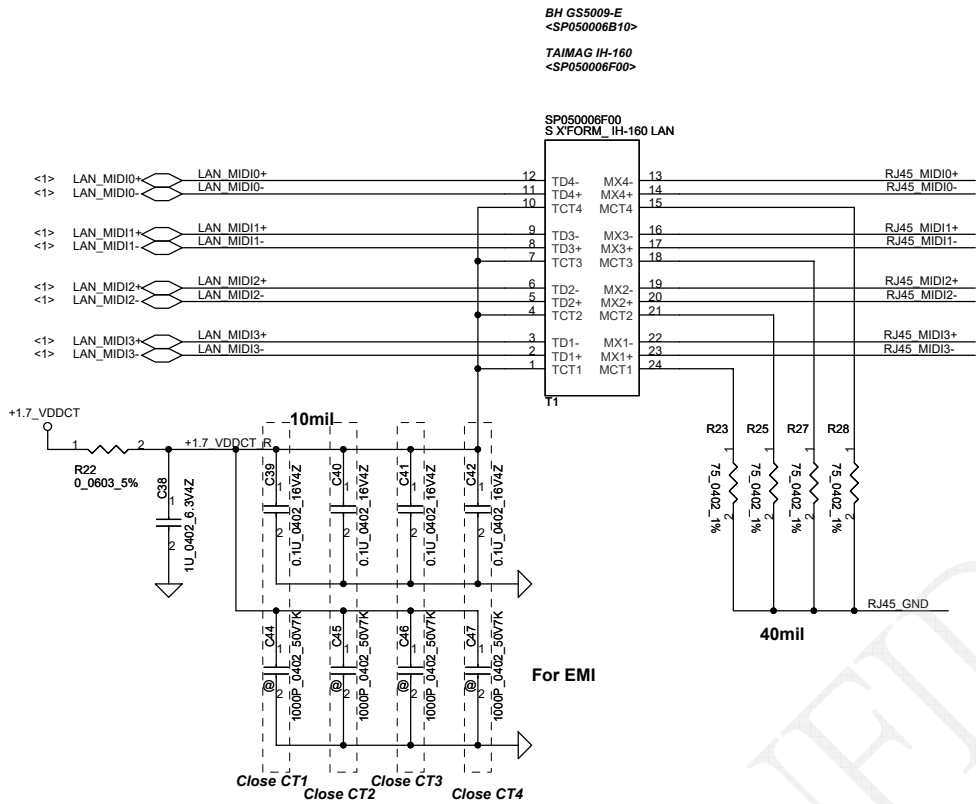
Note: Place Close to LAN chip  
L2 DCR < 0.15 ohm  
Rate current > 1A



Reserve for 8151A/B PERST# leakage issue

	Pin4	Configure		Pin23	Configure
AR8152	VDDCT_REG		*	CLKREQn	*
AR8151	CLKREQn	*		LED[2]	

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					Size	Document Number	Rev
						405NL8	E
					Date:	Thursday, February 24, 2011	Sheet 2 of 3

2010/08/30

- 1.Change U1 Rev.A(SA00003LE00) to Rev.B (SA00003LE30)
- 2.Add L3 (SM010018710) for EMI team request

2010/09/24

- 1.change H1 to 3.0x3.5

2010/09/30

- 1.change C31/C32 from 27pF to 33pF
- 2.Add D1/D2/D3 for Surge Protection
- 3.Change L3 to R26

2010/10/27

- 1.remove R26 / C48 / C49
- 2.Add D4 / L3

2010/11/15

- 1.Add C48

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Date:		Thursday, February 24, 2011		Sheet	3 of 3