

# *LCFC Confidential*

## *Skids*


### *E4A0*

### *NS-C421 Rev0.4 Schematic*

*Intel Whiskey Processor with DDR4 + PCH*

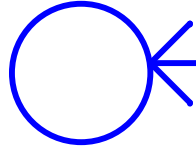
*AMD R19M-P25-50/70*

*2019-06-18 Rev0.4*

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Issued Date	2018/11/8	Deciphered Date	2017/12/31	COVER PAGE		
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# IO\_Board

**TOUCH FPR**



*power botton&Finger Print*  
*JYT*  
*JYAA139A*  
Page 06

*USB 2.0 x 1 (PORT 9)*

*RJ45 Conn.*  
Page 05

*MDI*

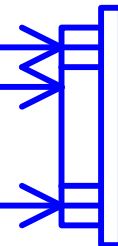
*Giga LAN*  
*Realtek*  
*R8111GUS*


*PCIe x 1*

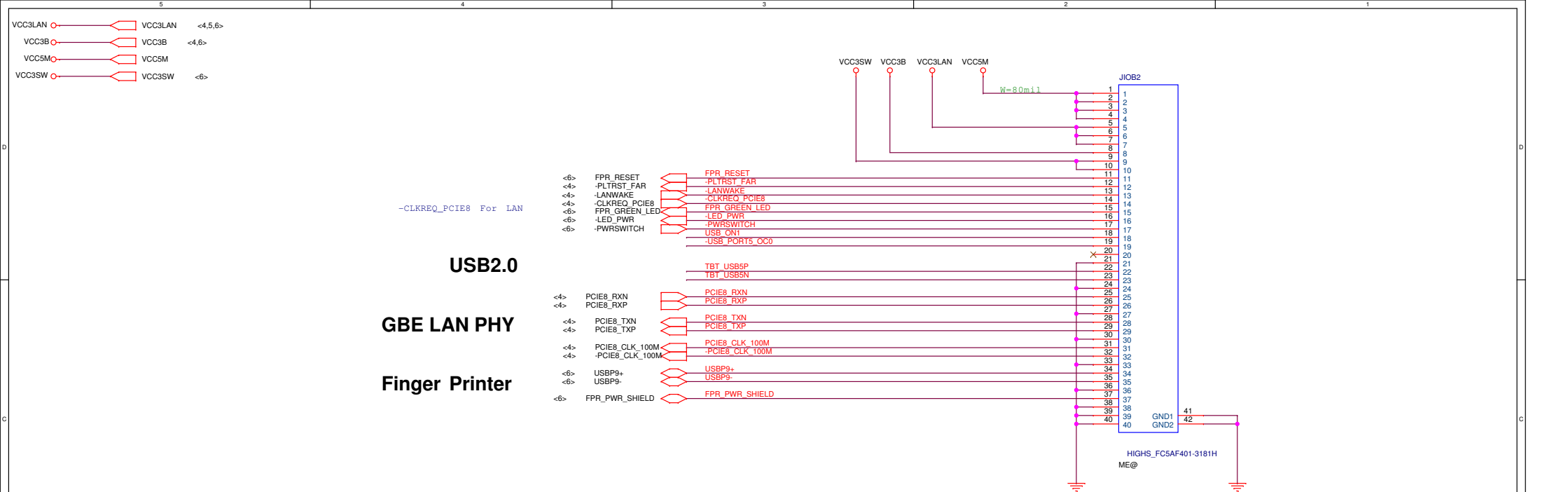
*(PCIE Lane 8)*

*JUSB4 (USB2.0)*  
Page 03

*USB 2.0 x 1*  
*(PORT 5)*



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								E			



## Lid Switch

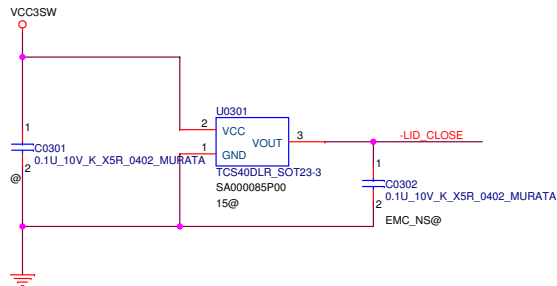
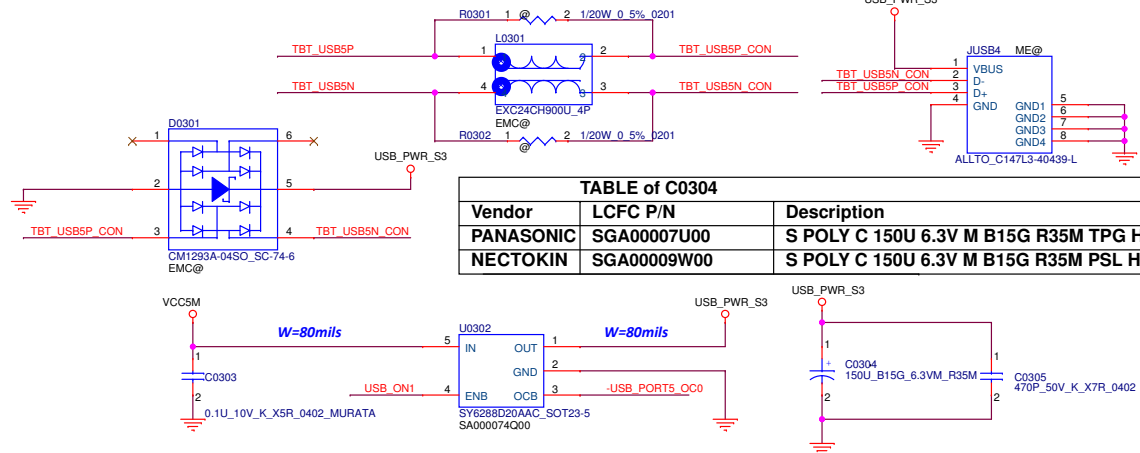


TABLE of Lid Switch (U0301)

Vendor	LCFC P/N	Description
TOSHIBA	SA000085P00	S IC TCS40DLR SOT-23F 3P HALL SENSOR
DIODES	SA00007RN00	S IC AH9247-W-7 SC59 3P SWITCH

TABLE of D0301

Vendor	LCFC P/N	Description
ON Semi	SC300003N00	S DIO(BR) CM1293A-04SO SC-74 E
AMC	SC300001G0J	S DIO(BR) AZC099-04S.R7G SOT23




## JUSB4(USB2.0)

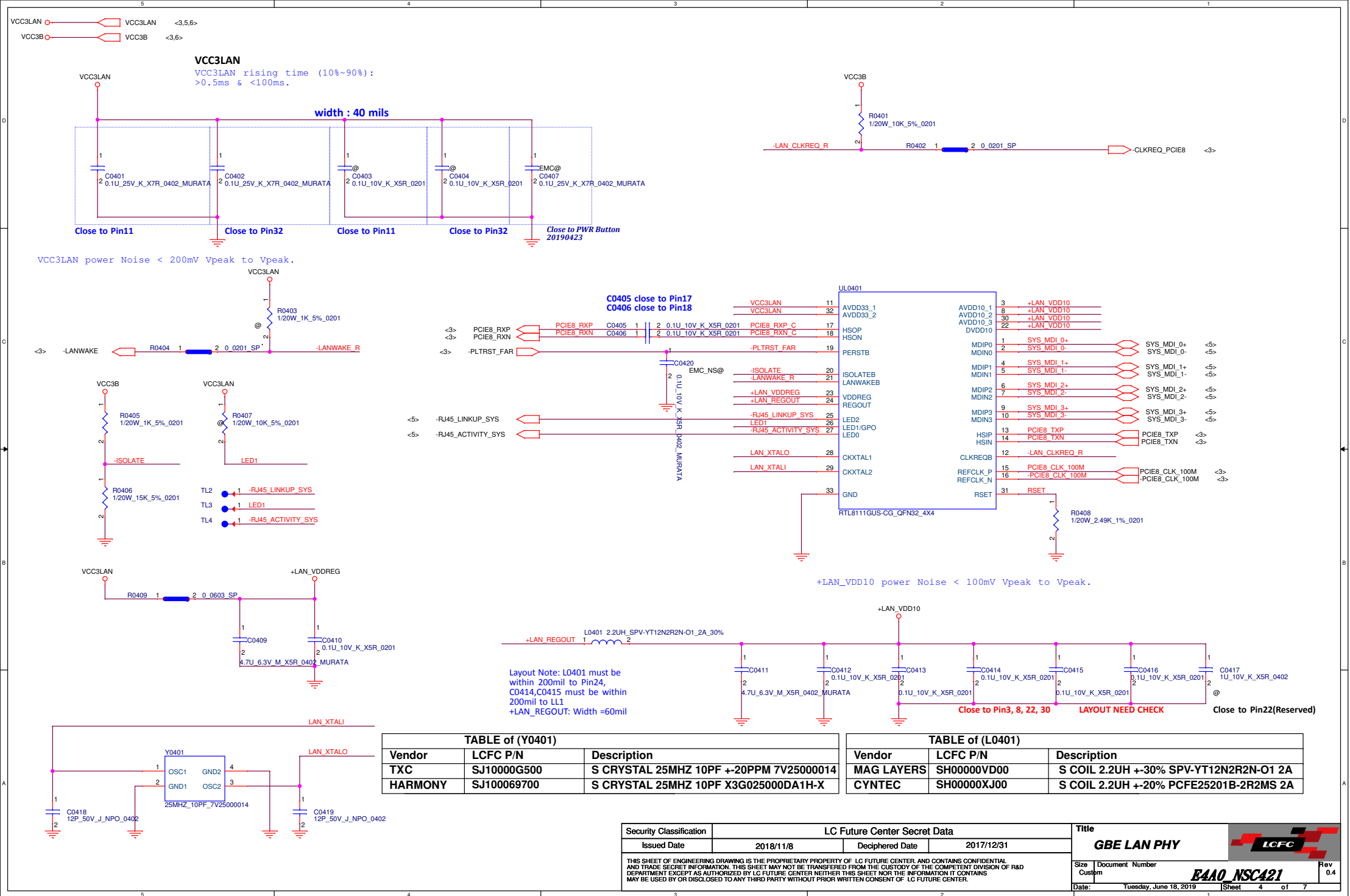
TABLE of C0304

Vendor	LCFC P/N	Description
PANASONIC	SGA00007U00	S POLY C 150U 6.3V M B15G R35M TPG H1.4
NECTOKIN	SGA00009W00	S POLY C 150U 6.3V M B15G R35M PSL H1.4

TABLE of POWER SWITCH (U0302)

Vendor	LCFC P/N	Description
SILERGY	SA000074Q00	S IC SY6288D20AAC SOT23 5P POWER SWITCH
GMT	SA000079400	S IC G517F2T11U SOT-23 5P POWER SWITCH

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Title

GBE LAN PHY

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Tuesday, June 18, 2019

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VCC3LAN VCC3LAN <3,4,6>

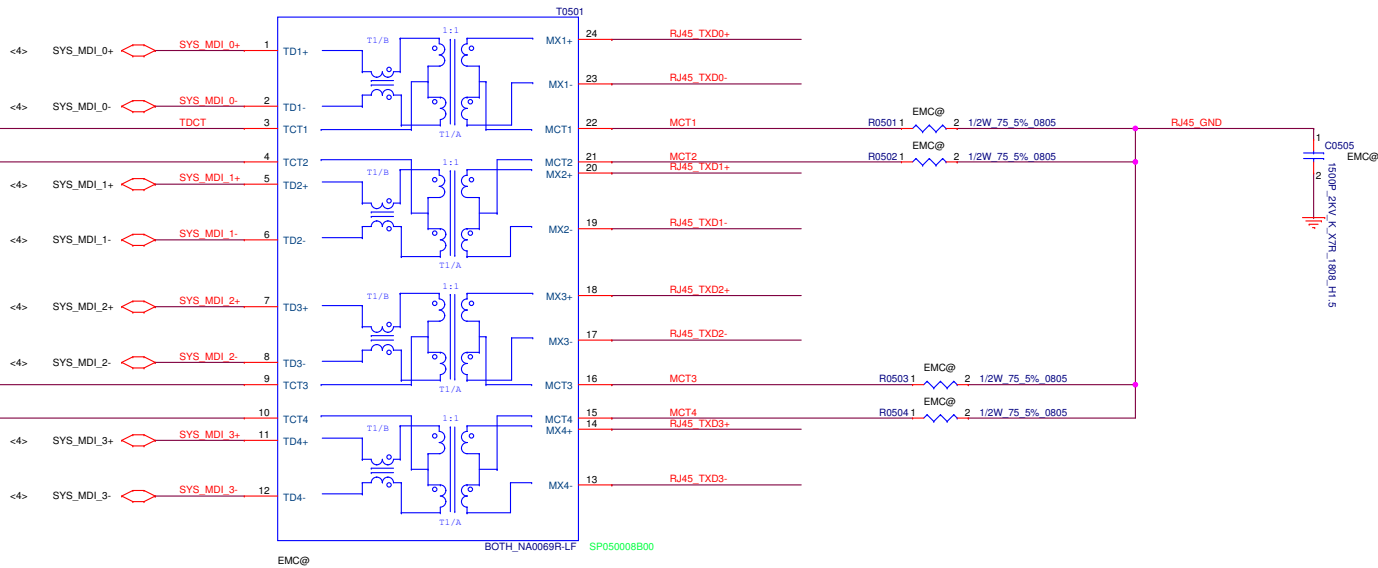
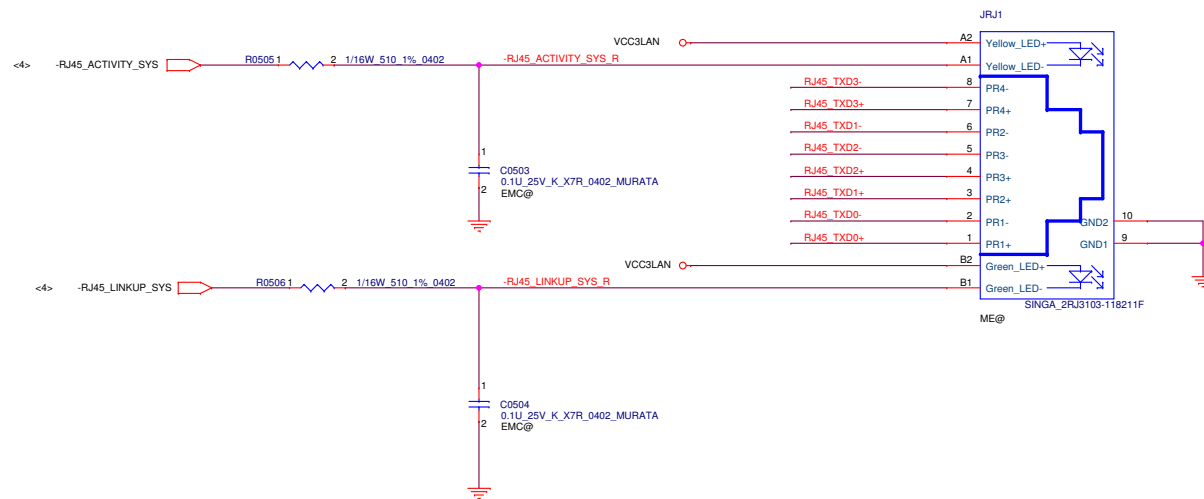
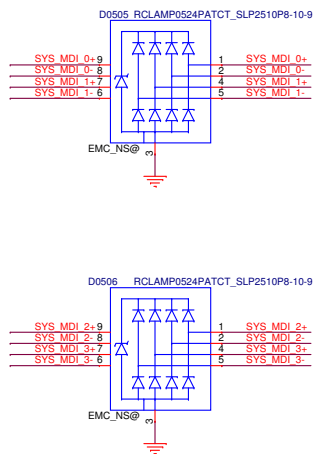


Table of X-FORM (T0501)		
Vendor	LCFC P/N	Description
BOTHHAND	SP050008B00	S X'FORM_ NA0069R LF LAN
TAIMAG	SP050009U00	S X'FORM_ IH-189-G LAN

## RJ-45 Conn.



# Touch FingerPrint CONN.

VCC3SW VCC3SW <3>  
VCC3LAN VCC3LAN <3,4,5>  
VCC3B VCC3B <3,4>

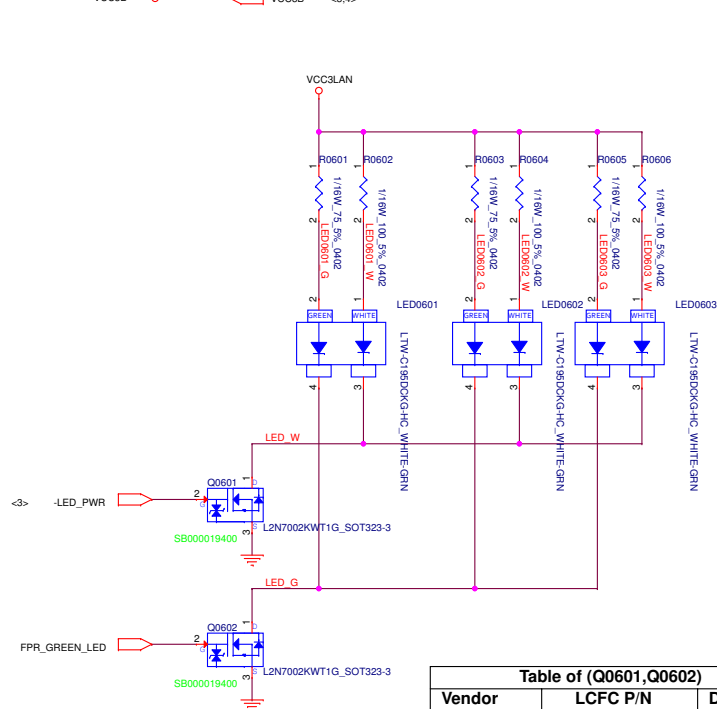
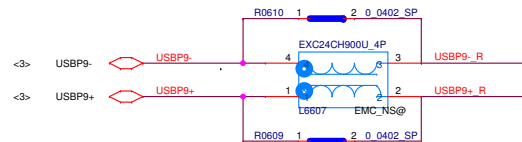
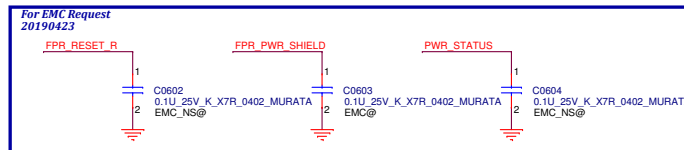
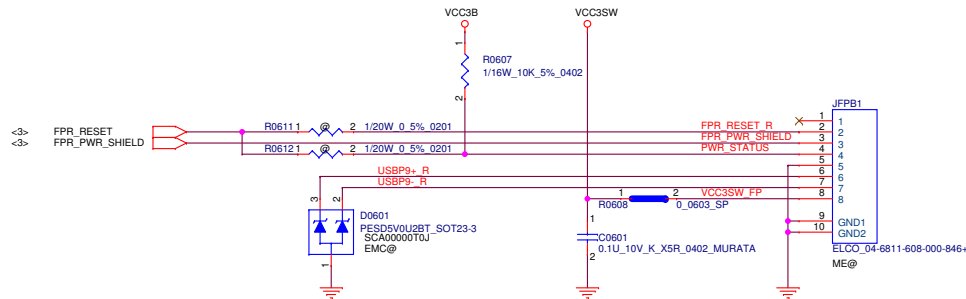


Table of (Q0601,Q0602)		
Vendor	LCFC P/N	Description
LRC	SB000019400	S TR L2N7002KWT1G 1N SOT-323-3
WILLSEMI	SB000144100	S TR WNM6002-3/TR 1N SOT323-3



## Pin Assignment

Pin No.	Symbol	Description
1	LED	LED SIGNAL
2	RESETN	MCU RESETN SINGAL
3	GPIO_AL0	POWER SHIELD
4	DELINK	POWER STATUS
5	DGND	GROUND
6	DP	USB DATA+
7	DM	USB DATA-
8	D3V3	POWER 3.3V

## PWRBTN

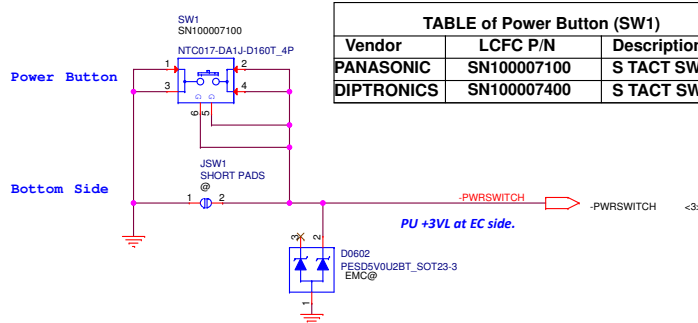






TABLE of Power Button (SW1)		
Vendor	LCFC P/N	Description
PANASONIC	SN100007100	S TACT SW EVQPLH15 SPST PANAS H1.5 4P
DIPTRONICS	SN100007400	S TACT SW TJG-533-V-T/R SPST H1.5 6P

VCC5M  VCC5M <3>  
VCC3LAN  VCC3LAN <3,4,5,6>  
VCC3B  VCC3B <3,4,6>  
VCC3SW  VCC3SW <3,6>

