

LCFC Confidential

Mudflap


E5A0

NS-C422 Rev1.0 Schematic

Intel Whiskey Processor with DDR4 + PCH

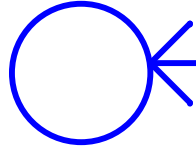
AMD R19M-P25-50/70

2019-07-18 Rev1.0

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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 button&Finger Print
JYT
JYAA139A
Page 06

USB 2.0 x 1 (PORT 9)

RJ45 Conn.
Page 05

MDI

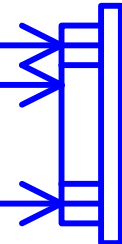
Giga LAN
Realtek
R8111GUS


PCIe x 1

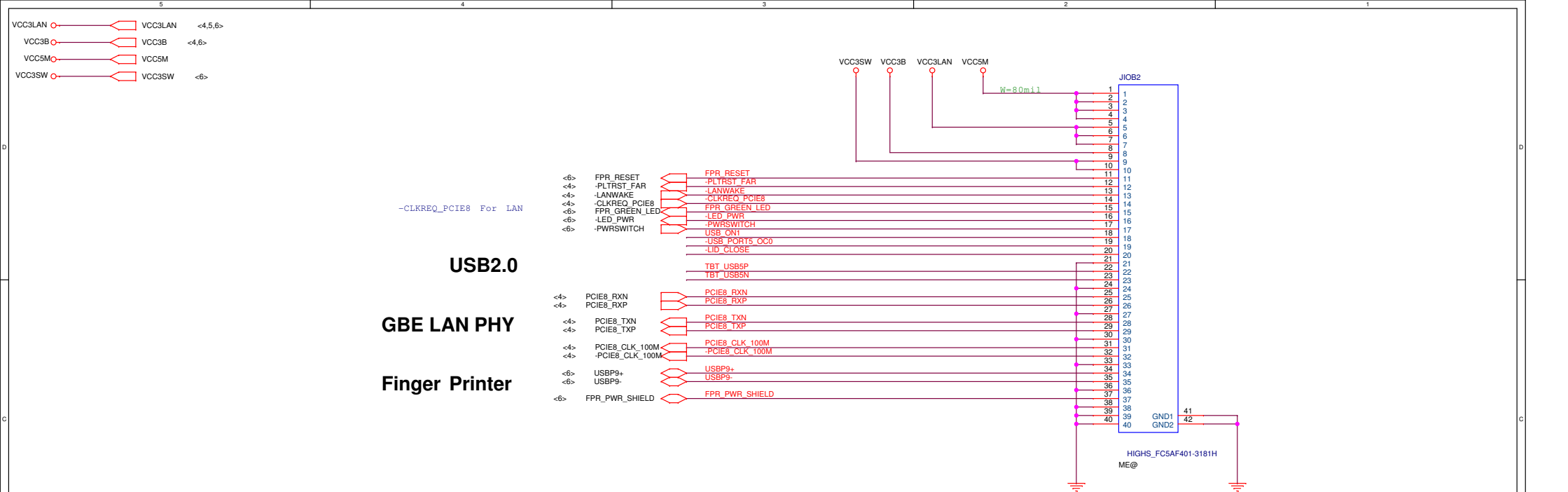
(PCIE Lane 8)

JUSB4 (USB2.0)
Page 03

USB 2.0 x 1
(PORT 5)



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		B		C					



Lid Switch

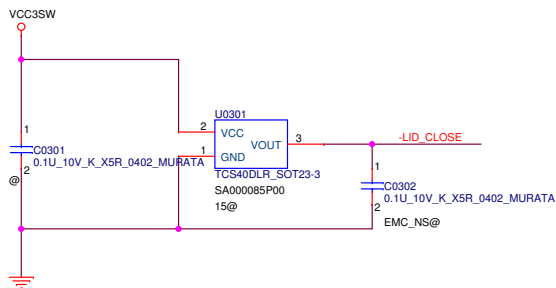


TABLE of Lid Switch (U0301)

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

JUSB4(USB2.0)

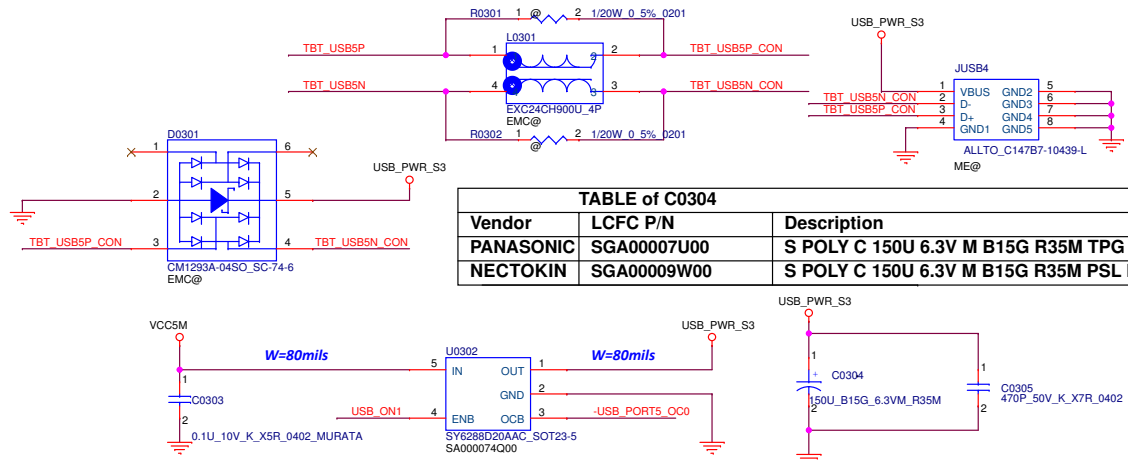
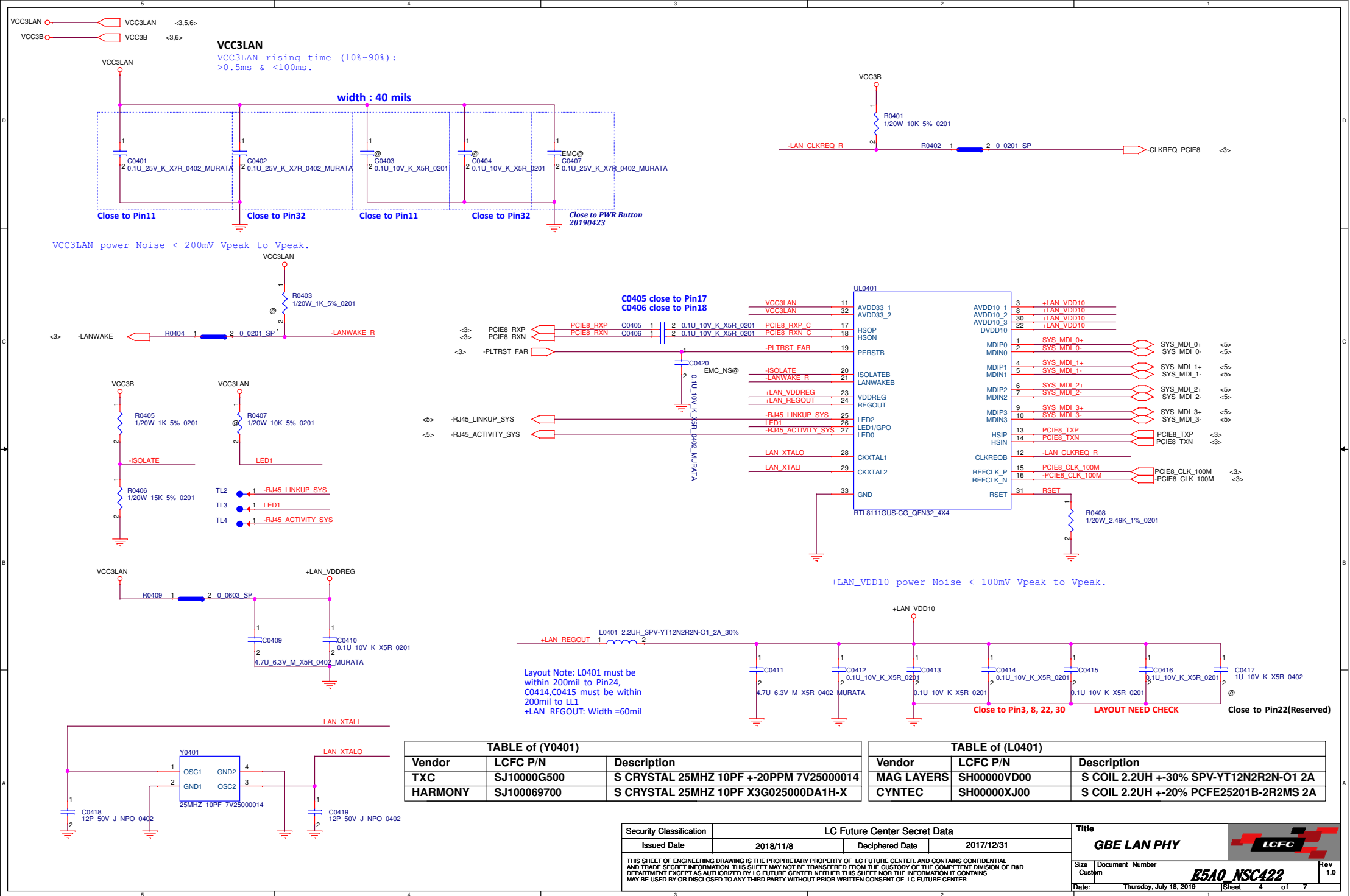


TABLE of POWER SWITCH (U0302)

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



VCC3LAN VCC3LAN <3,4,6>

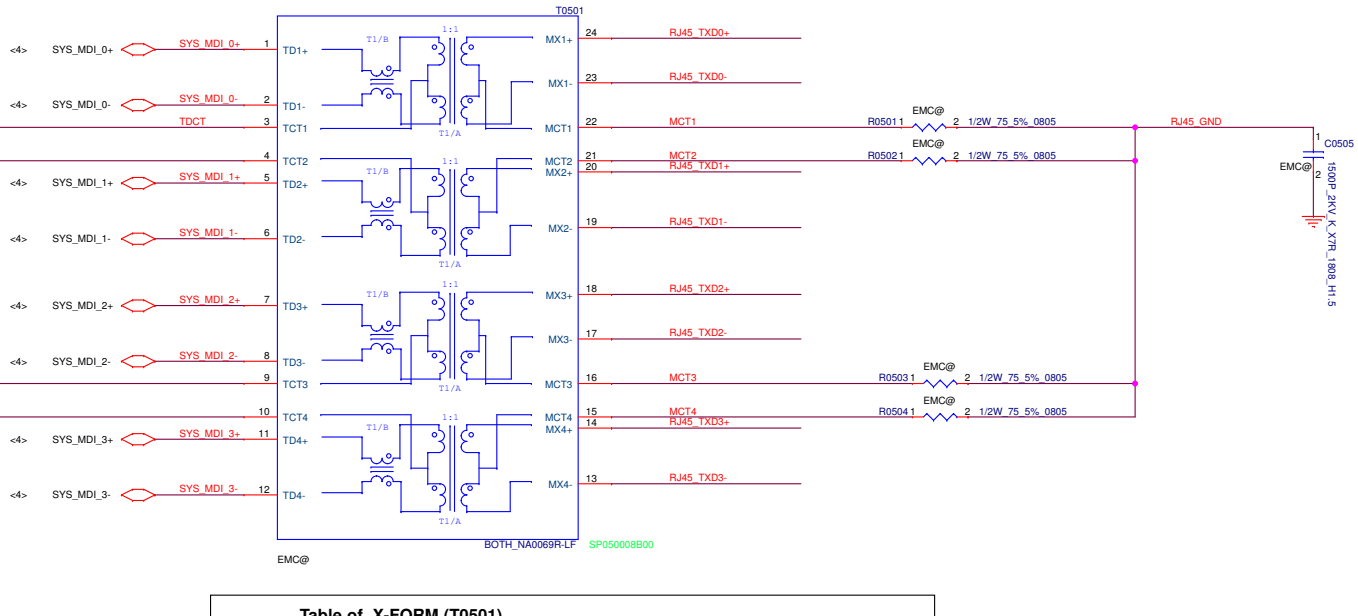
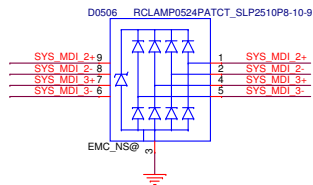
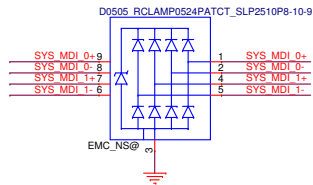
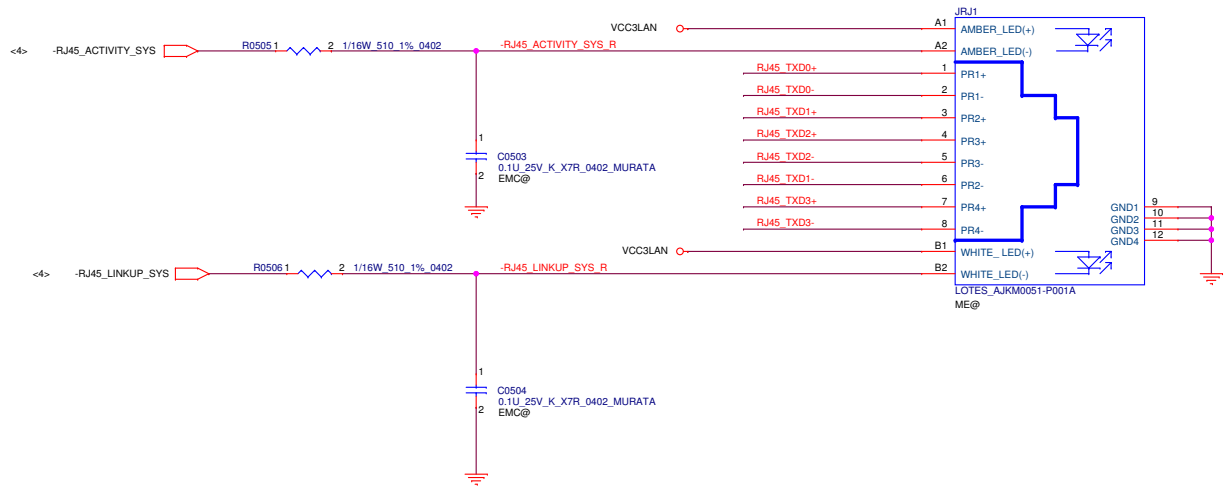


Table of X-FORM (T0501)		
Vendor	LCFC P/N	Description
BOTHHAND	SP050008B00	S X'FORM NA0069R LF LAN
TAIMAG	SP050009U00	S X'FORM IH-189-G LAN

C0501, C0502 close to LAN Chip



RJ-45 Conn.



Touch FingerPrint CONN.

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

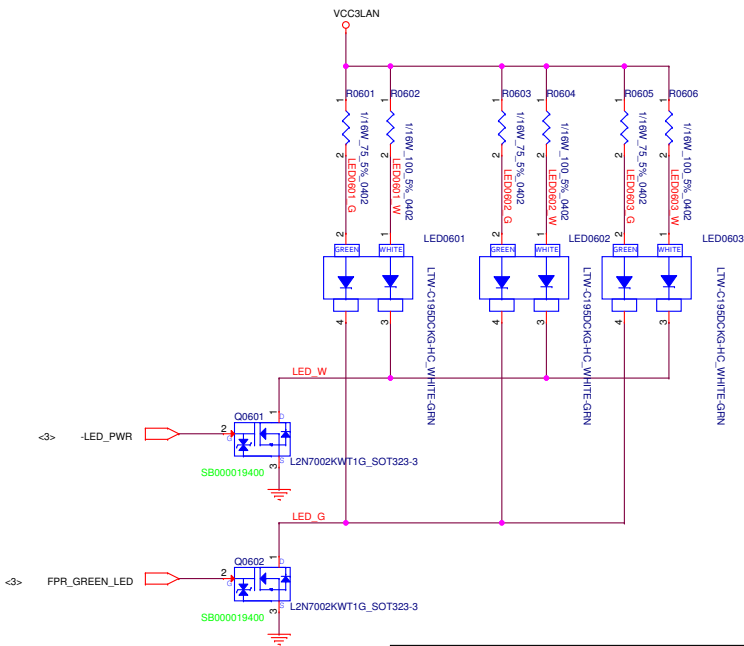
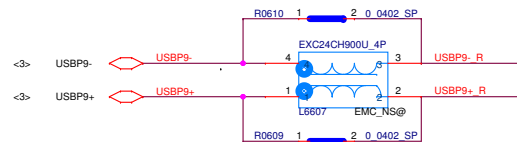
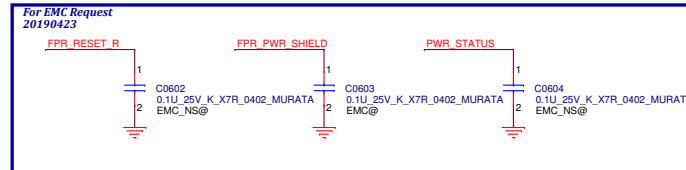
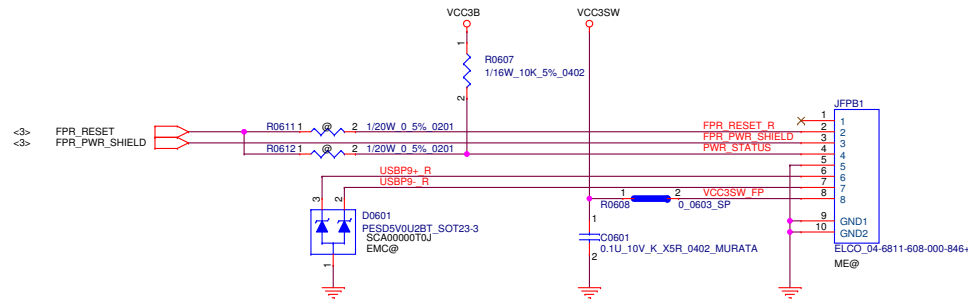


Table of (Q0601,Q0602)		
Vendor	LCFC P/N	Description
LRC	SB000019400	S TR L2N7002KWT1G 1N SOT-323-3
WILLSEMI	SB000144100	S TR WNM6002-3/TR 1N SOT323-3



Pin Assignment

Pin No.	Symbol	Description
1	LED	LED SIGNAL
2	RESETN	MCU RESETN SIGNAL
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

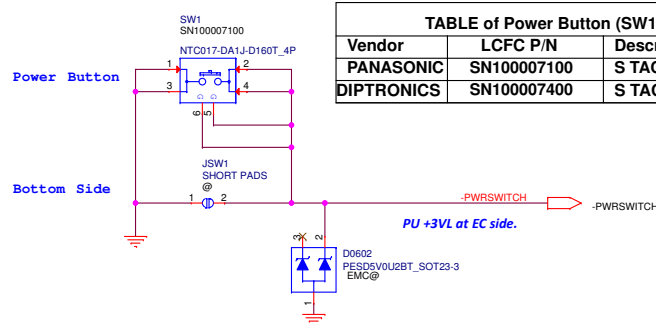
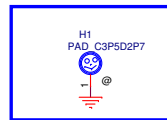
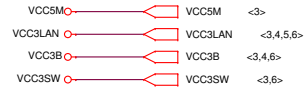



TABLE of Power Button (SW1)		
Vendor	LCFC P/N	Description
PANASONIC	SN100007100	S TACT SW EVQPLHA15 SPST PANAS H1.5 4P
DIPTRONICS	SN100007400	S TACT SW TJG-533-V-T/R SPST H1.5 6P



Change H1 and H3 size for SVT
20190718



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Title		Screw Hole			
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Custom					
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