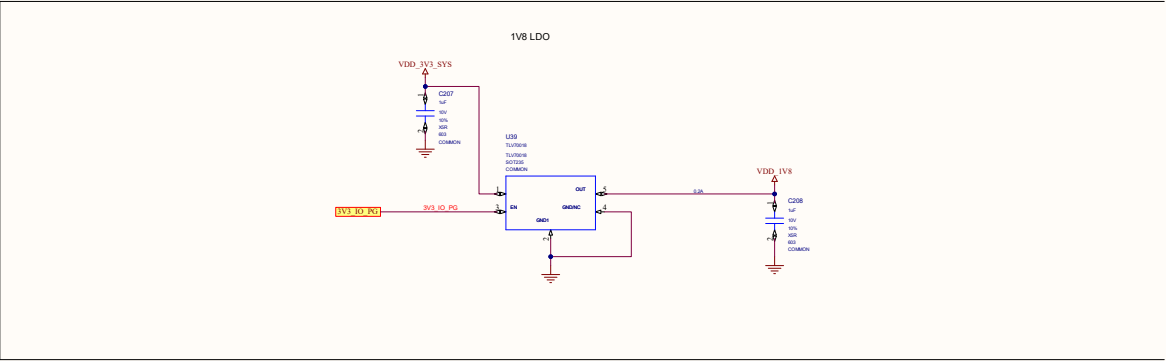
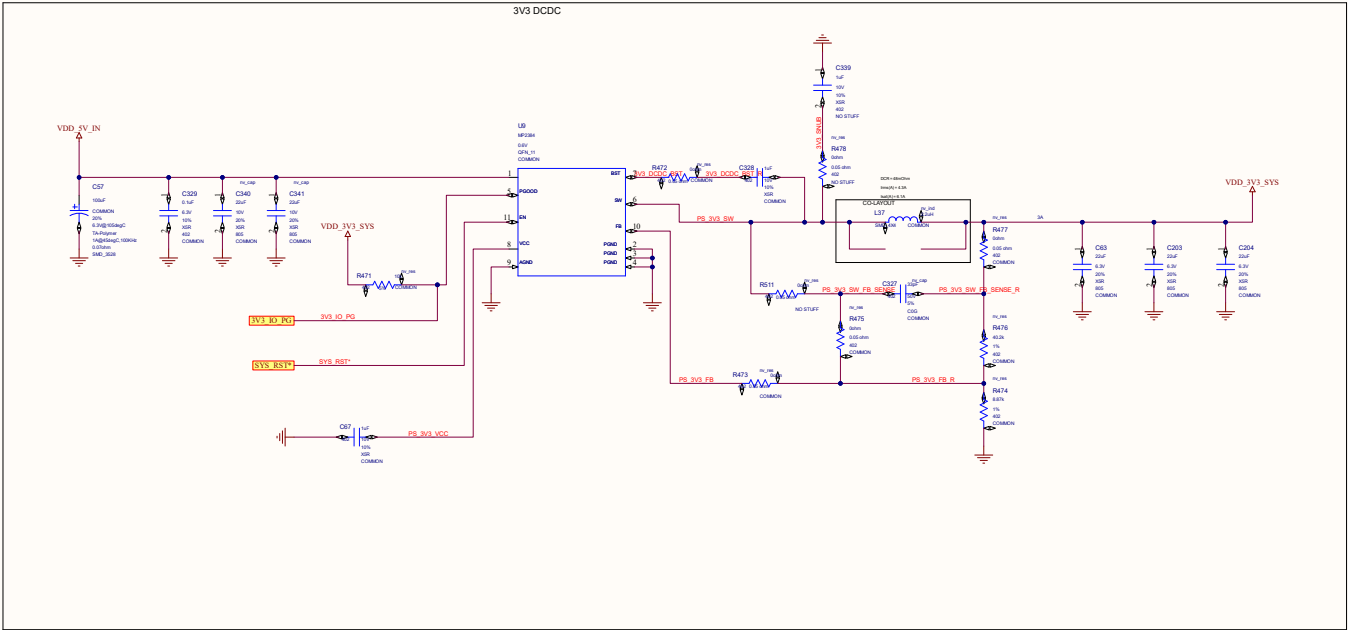


3V3 & 1V8 POWER SUPPLIES



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ASSEMBLY	ASSEMBLY DESCRIPTION
PAGE DETAIL	3V3 DCDC and 1V8 LDO

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INV\_PN 600-13449-BASE-400

PCB REV P3803B01

BDW REV A

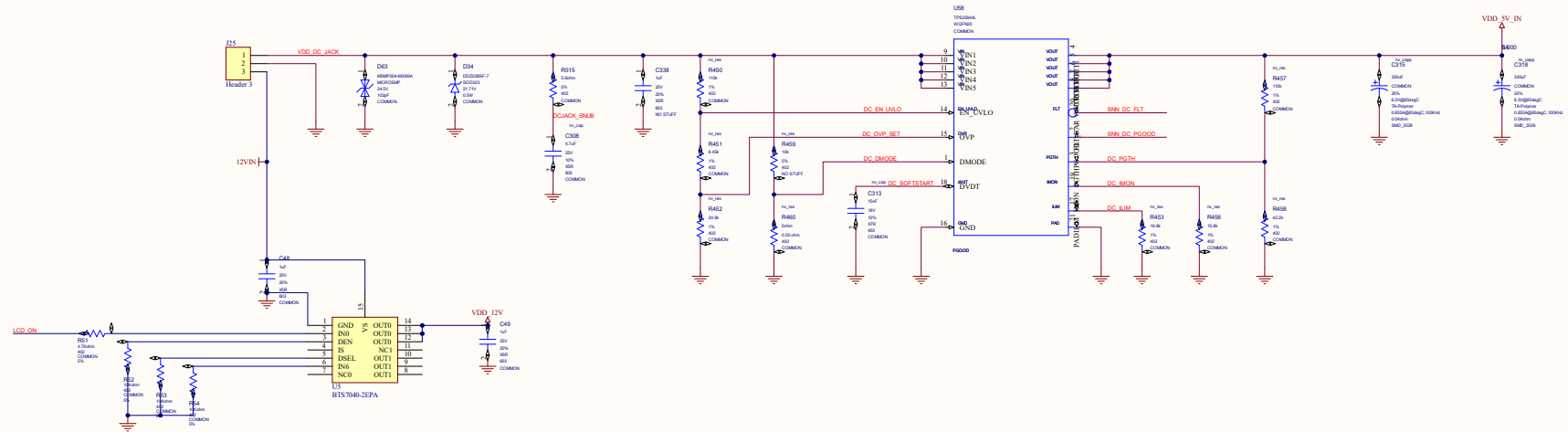
PAGE 12 OF 23

DATE 08 MAY 2016

## DC JACK AND uUSB POWER SOURCE SELECTION

DC JACK

PLUG 5.5mm OD, 2.0mm ID



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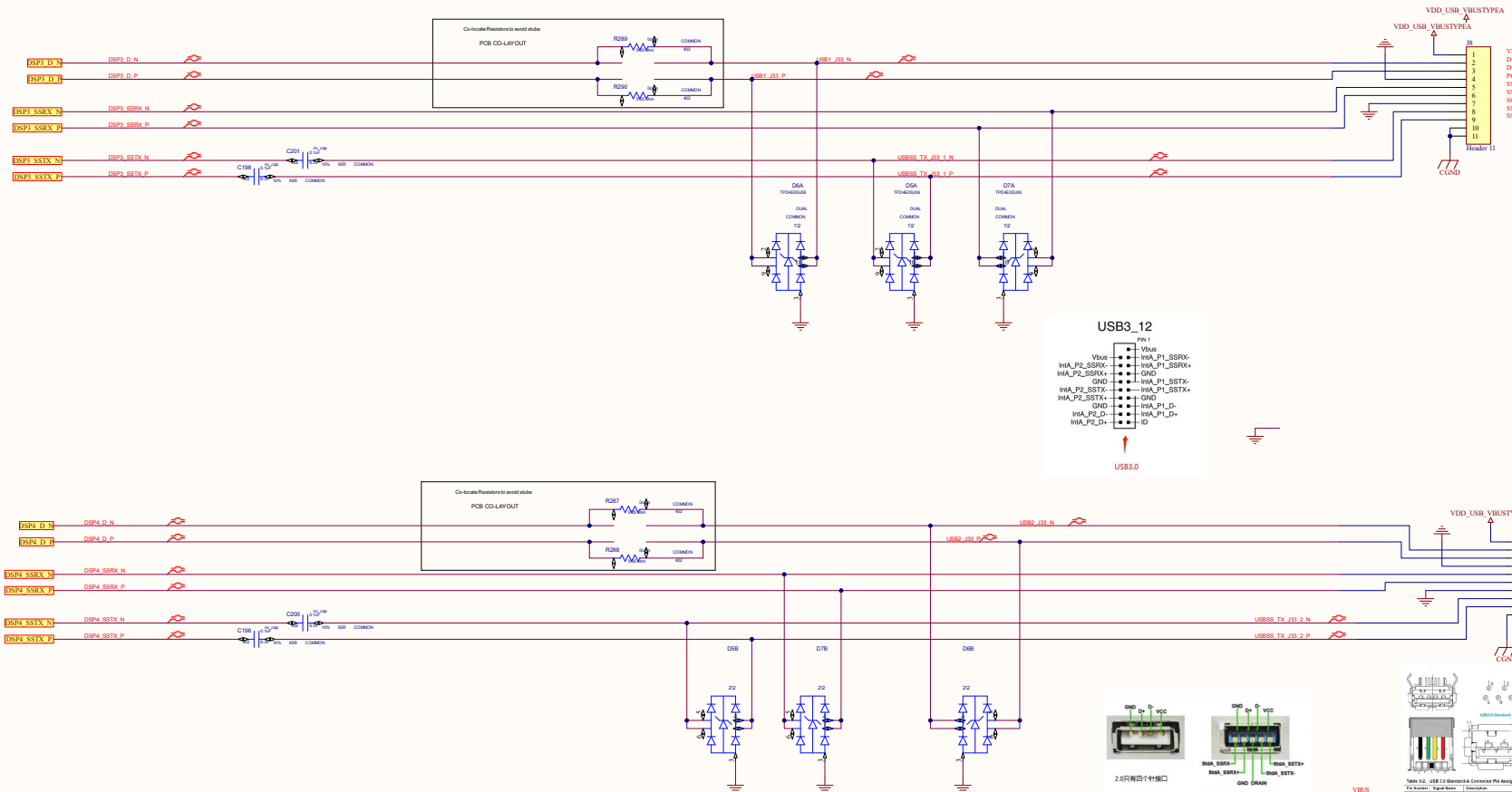


ASSEMBLY	<ASSEMBLY_DESCRIPTION>
PAGE DETAIL	DC Jack

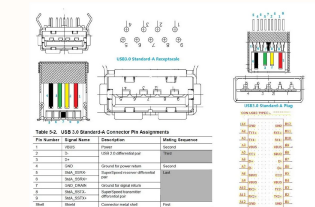
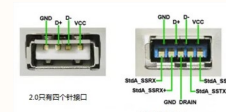
NV_PN	600-13449-BASE-400		
PCB REV	P3449-B01	PAGE	11 OF 23
BOM REV	A	DATE	08-08-17 2019

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## USB 3.0 TYPE A x2 CONNECTOR (2 OF 2)



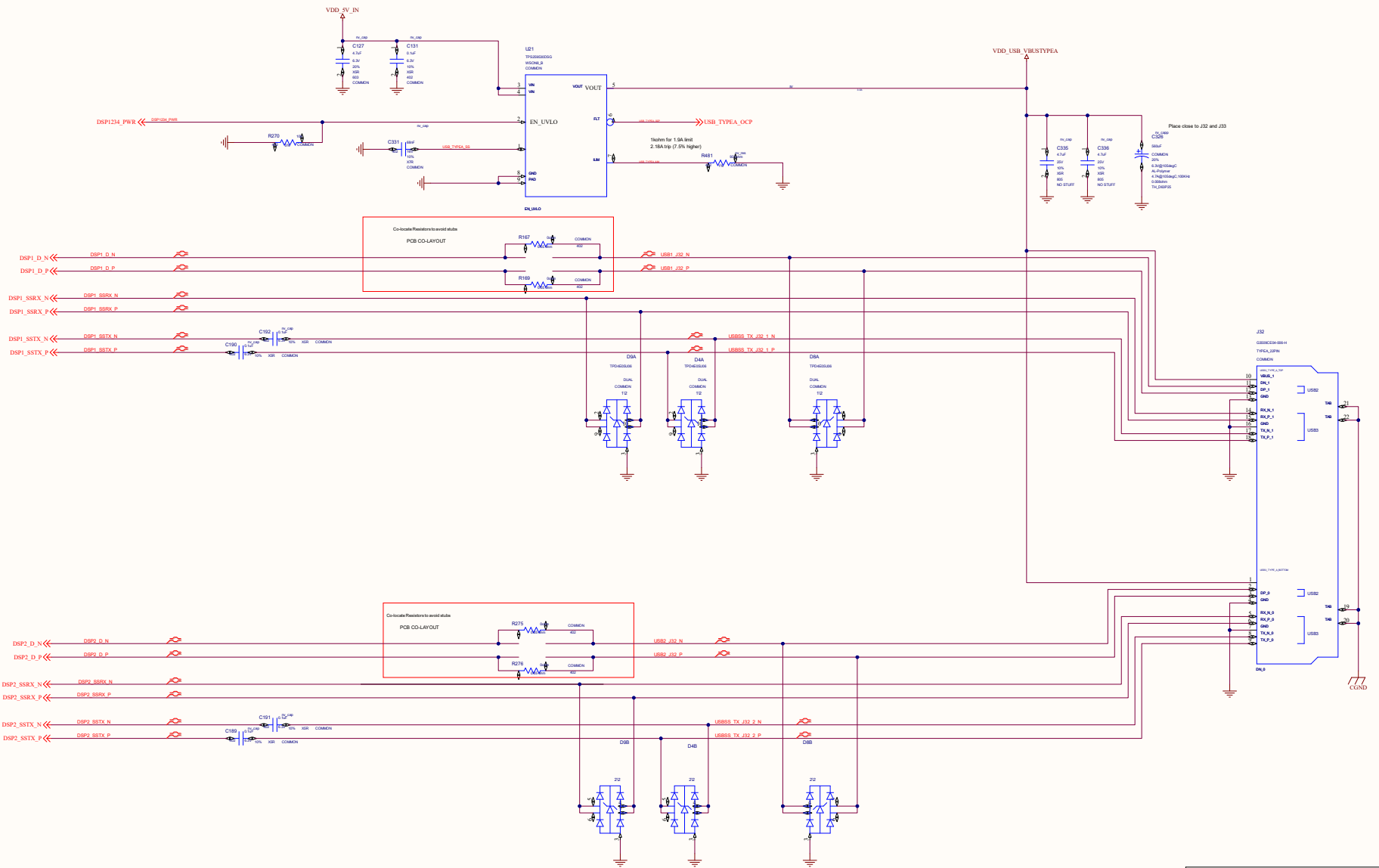
BOOMELE(博穆精密)  
厂家型号: 2.54-2\*10P筒牛



Pin Number	Signal Name	Description	Mating Connector
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2	D-	USB 3.0 differential pair	31
3	D+		32
4	GND	Ground for power return	33
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## USB 3.0 TYPE A x2 CONNECTOR (1 OF 2)



ASSEMBLY	<ASSEMBLY_DESCRIPTION>
PAGE DETAIL	USB3.1 Type-Ax2 (A)

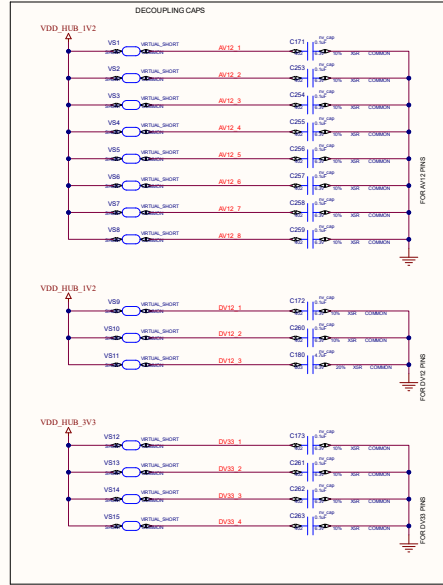
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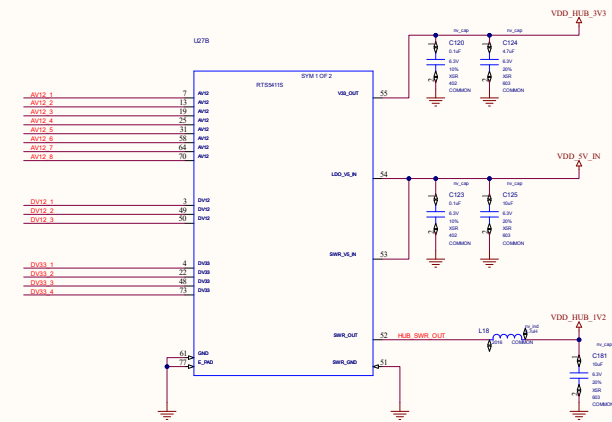
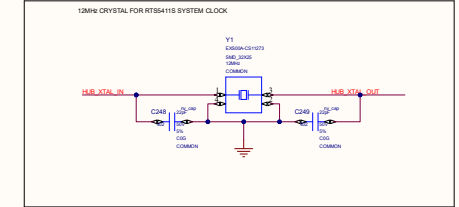
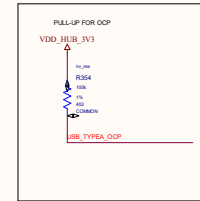
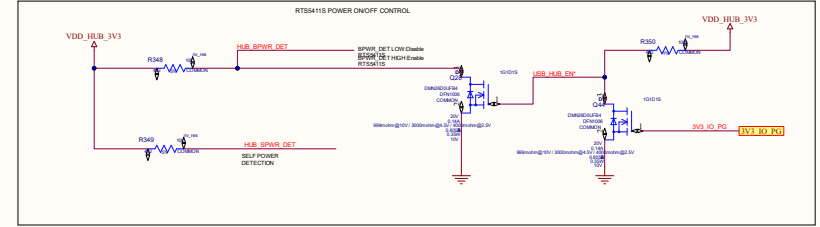


NV_PN	600-13449-BASE-400		
PCB REV	P3449-B01	PAGE	9 OF 23
BOM REV	A	DATE	08-MAY-2019

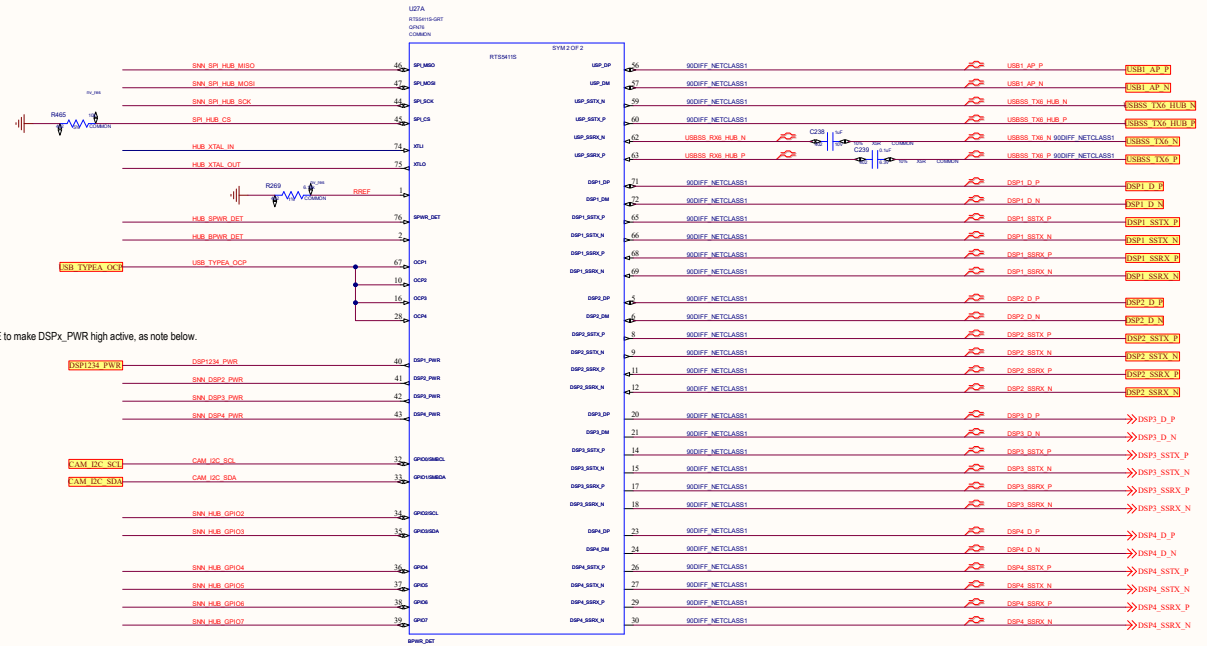
# USB3.1 HUB x4 PORTS



选用嘉立创LC04161H-3313 (原2313) 结构:  
\* 差分90Ohm: 线宽5.95mil 线距7.0mil  
\*\* 单端50Ohm: 线宽12mil



Update RT5411 eFUSE to make DSPx\_PWR high active, as note below.



IC2 slave addr: 71101010 = 716A

SPI Flash was removed from B01, customize RT5411 internal eFUSE (DSP1/2/3/4\_PWR High active, disable charging feature, SSC valid) with Realtek tool.

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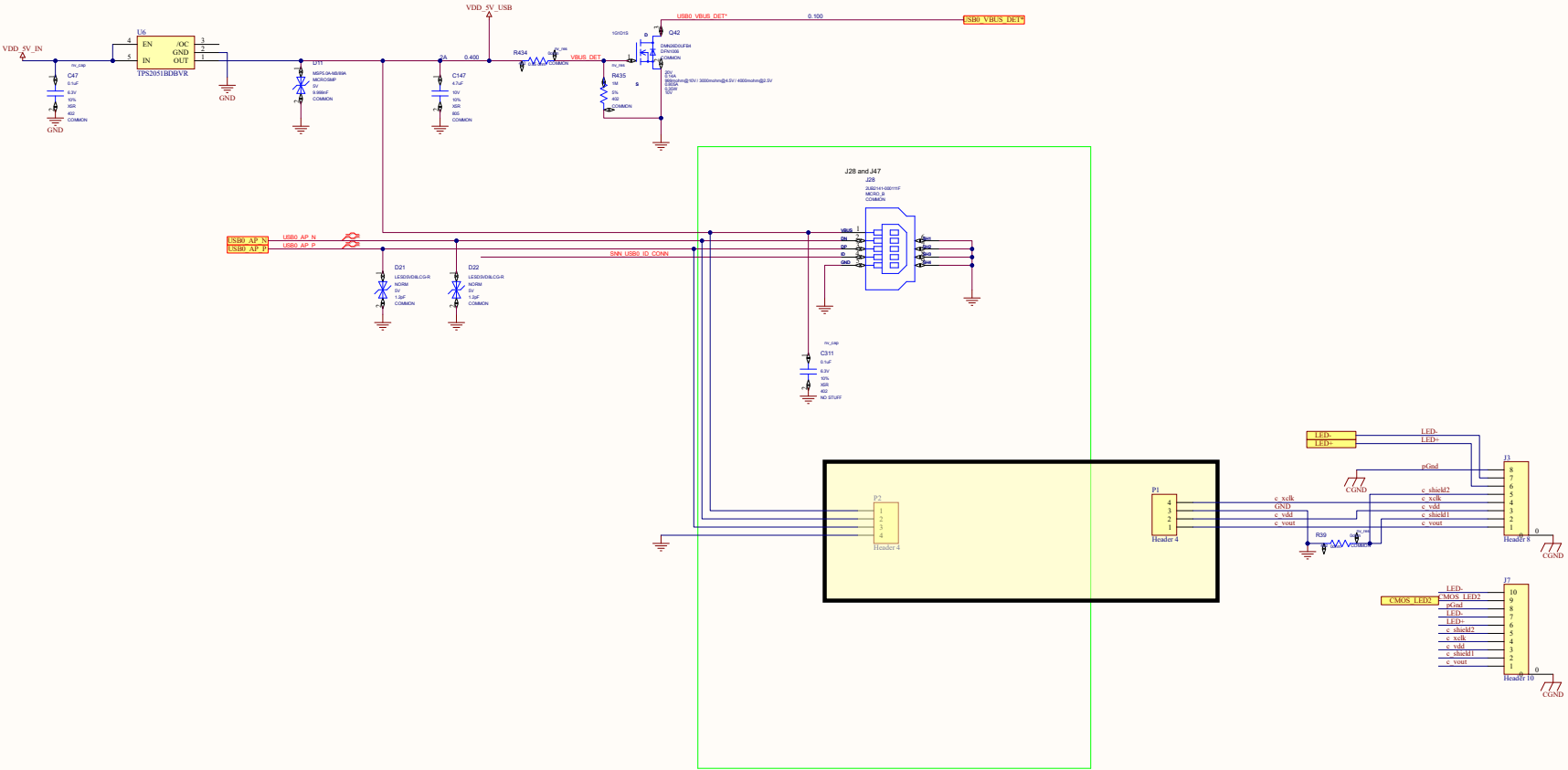


INV. PN 600-13449-BASE-400

PCB REV	PS400B01	PAGE	8 OF 23
BOM REV	A	DATE	28 MAY 2016

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MICRO AB USB 2.0 CONNECTOR



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ASSEMBLY	ASSEMBLY DESCRIPTION
PAGE DETAIL	USB2 0 mini

## HDMI, DP, DSI, USBSS and PCIe



HDMI Con

NVIDIA CORPORATION



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EXPRESSWAY  
SANTA CLARA, CA 95050, USA

NV_PN	600-13449-BASE-400
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PCB REV	P3449-B0
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PAGE	6 OF 23
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GPIOs, USB2.0, I2S, SPI, GbE and CSI

228

800MM CUB CON

SECTION 2 OF 3

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