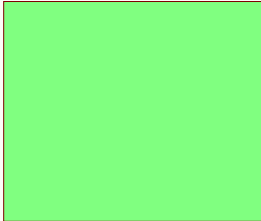


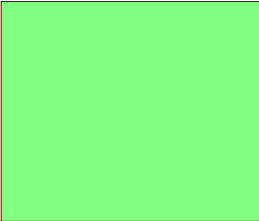
TABLE OF CONTENTS	
PAGE	DESCRIPTION
1	TITLE PAGE
2	TOP
3	POWER
4	mPCle Top Sheet
5	mPCle Harness
6	ECO LIST

TITLE PAGE

TOP
TOP.SchDoc



ECO
ECO LIST.SchDoc



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IMPORTANT NOTES ABOUT THIS SCHEMATIC

DESIGN NOTE: Example text for the design note to show the note inside the colored box.

1) DESIGN NOTES in grey are information notes.

DESIGN NOTE: Example text for the design note to show the note inside the colored box.

2) DESIGN NOTES in red are critical, and must be understood and followed.



3) A red X indicates suppression of error checking on a pin/net. Commonly suppressed errors include: single-pin net, no driving source, etc.

4) All unique components in this schematic should have a manufacturer's part number displayed; exceptions to this rule are commodity passives such as resistors and capacitors.

5) Finally, population vs. non-population intent is indicated by adding "NP" next to the part. All parts with "NP" next to the part are intended to be unplaced during assembly.

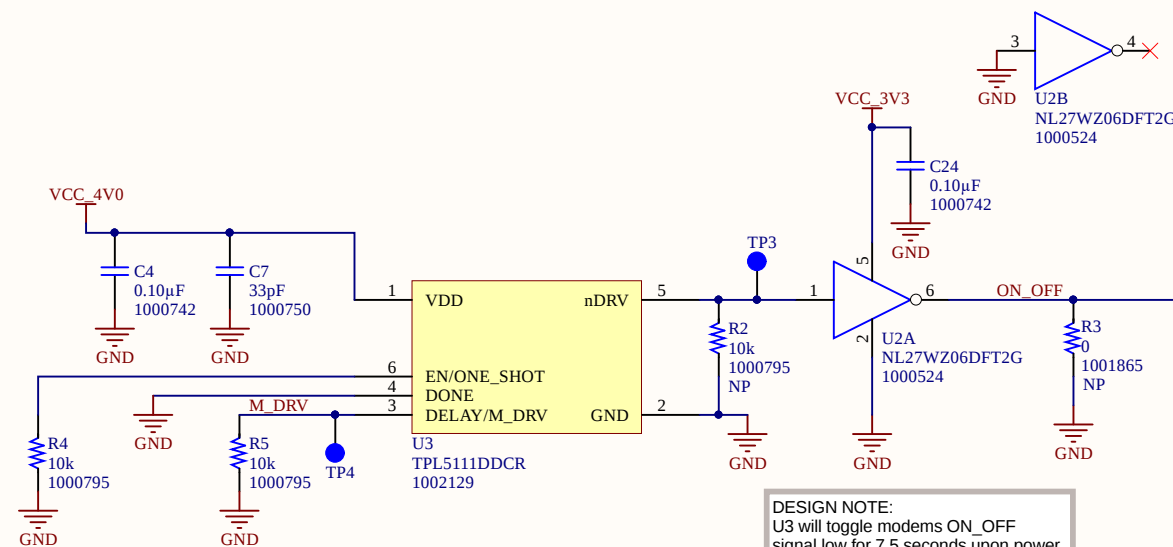
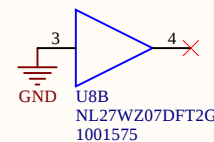
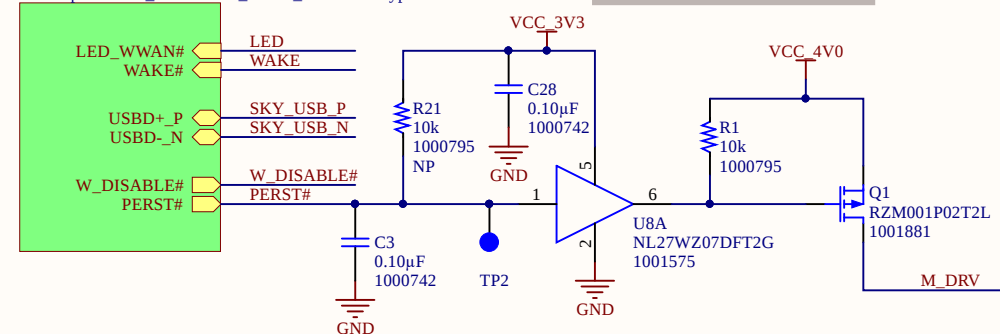
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		www.nimbelink.com	
		MINNEAPOLIS	
Title: TITLE			
Project: mPCle Skywire Adaptor		Size: B	Sheet 1 of 6
Number: 1002374	Rev: B	Modified: 7/28/2020	12:35:33 PM
Prepared for: mPCle V2 Schematic			

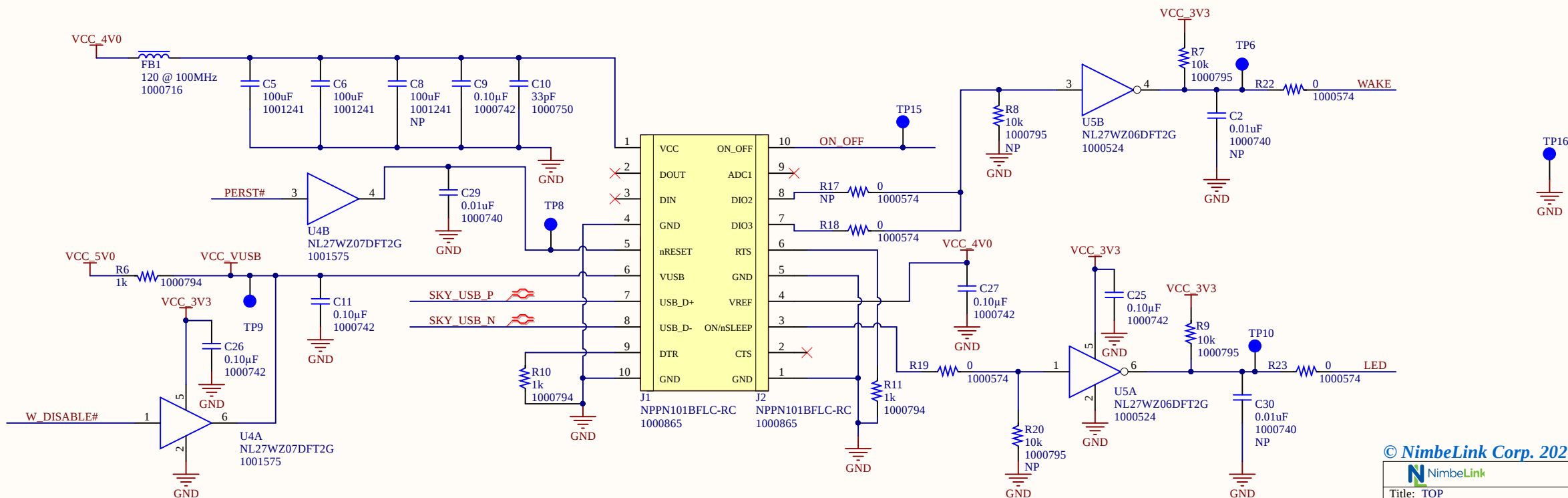
Power
Power.SchDoc

PWR_EN ← W_DISABLE#

DESIGN NOTE:
R1/Q1 can be implemented to
automatically toggle on_off after a
reset signal for modems that
require on_off after a reset. If not
implemented all modems except
QBG96 and GELS3 will need to
have W_DISABLE# toggled to
cause them to boot after a reset
event.

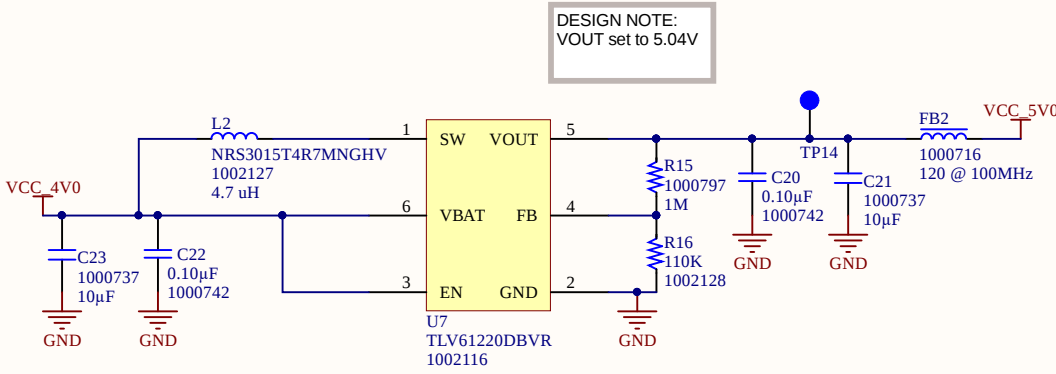
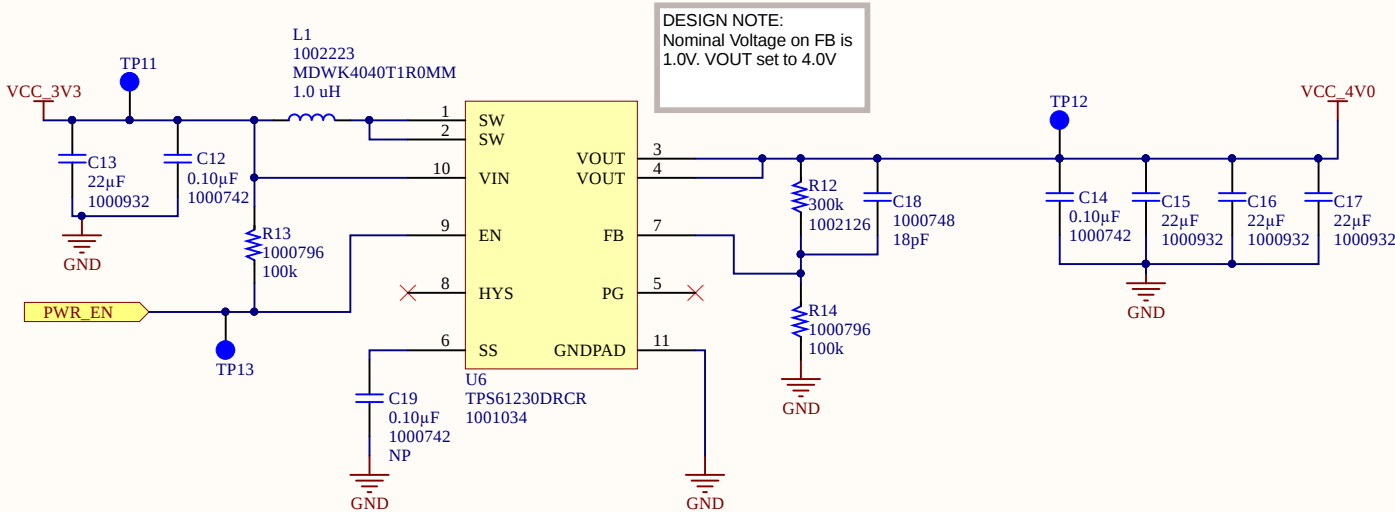
Designator
PCI Express Mini_3000X2680_52PIN_Half-Mini-Type H2.schdoc

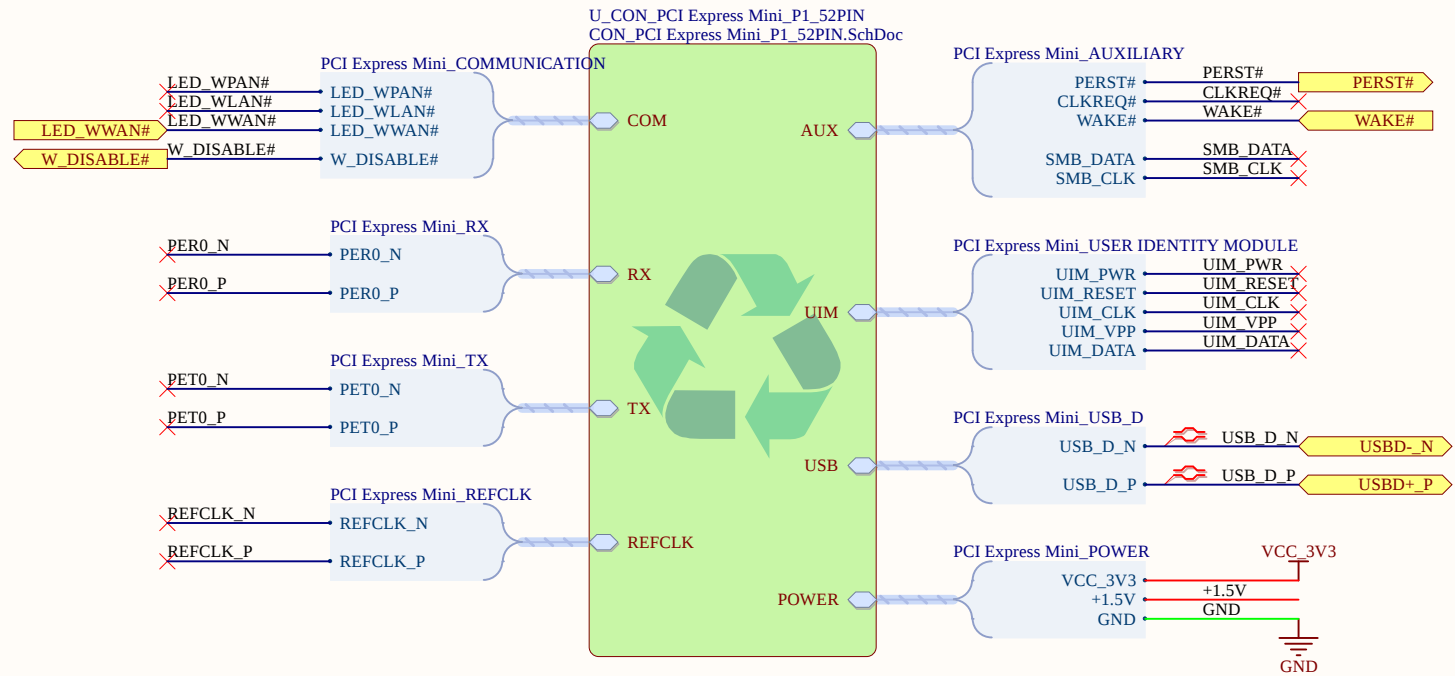
DESIGN NOTE:
U3 will toggle modems ON_OFF
signal low for 7.5 seconds upon power
up.

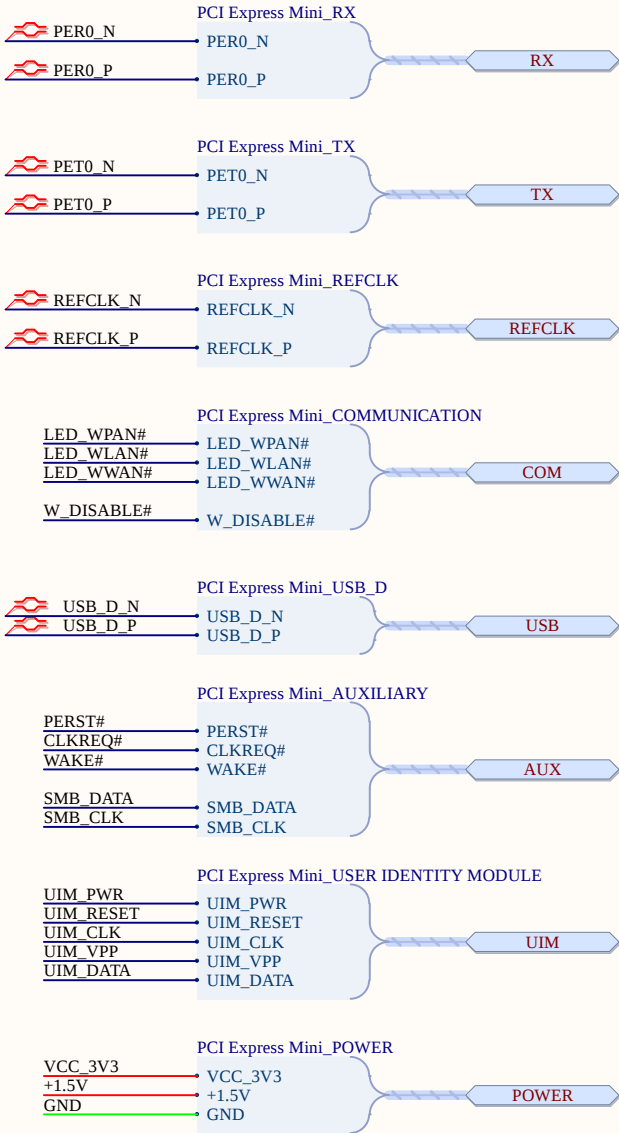
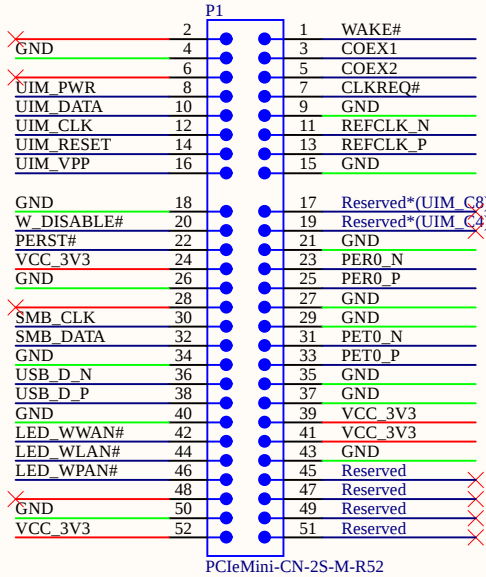
Fiducial 1mm
Fiducial 1mm
Fiducial 1mmSchematic
1002374
PCB
1002372

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NimbeLink		www.nimbelink.com	
Title: TOP		MINNEAPOLIS	
Project: mPCIe Skywire Adaptor	Size: B	Sheet 2	of 6
Number: 1002374	Rev: B	Modified: 7/28/2020	12:35:33 PM
Prepared for: mPCIe V2 Schematic			







ECO LIST

Revision Control			
Assy Part Number	Rev	Description of Change	Date
1002374	A	Alpha Release -Imported design from 1002134 design -New 5V Switcher layout	2020-03-17
1002374	B	-Tied U3-4 to ground. -Updated PCB PN.	2020-07-24

Revision Control			
Assy Part Number	Rev	Description of Change	Date

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