Item: MM2U
Half mPCIe to Full mPCIe adapter

Rivision History

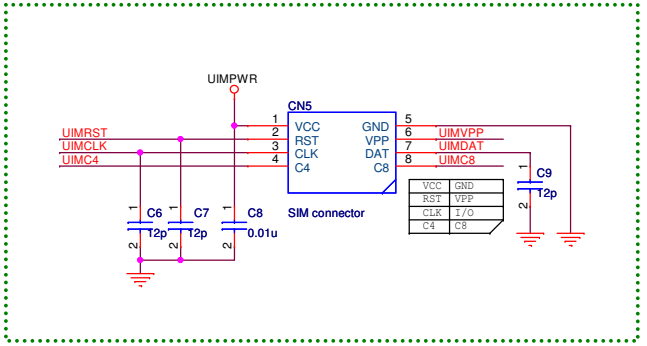
Date	Version	Description
2010Jul27	1.0a	First Release
2010Sep21	1.1	Add SIM conn
2011Mar12	1.2	Add screw via for half size minicard to half minicard connector.

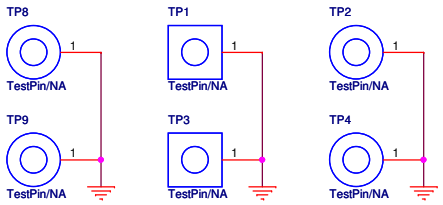
PCB Layout Guideline

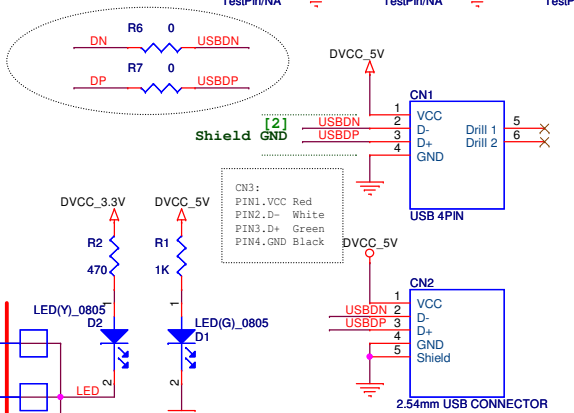
RXp and RXn are a 100 ohm differential impedance pair (50 ohm single ended) and must be length matched with 5 mils.

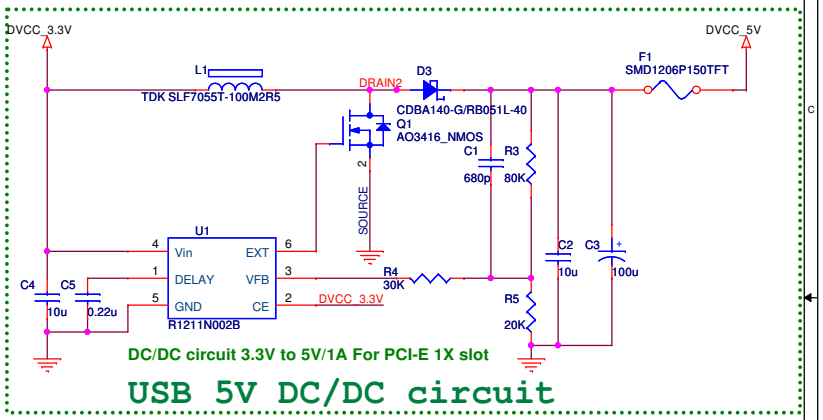
(CTXn + TXn) and (CTXp + TXp) are a 100 ohm differential impedance pair (50 ohm single ended) and must be length matched with 5 mils. i.e. CTXp must be within 5 mils of CTXn, TXp must be within 5 mils of TXn, and (CTXp + TXp) must be within 5 mils of (CTXn + TXn).The coupling capacitors must be placed as close to the PCI Express Edge connector as possible.

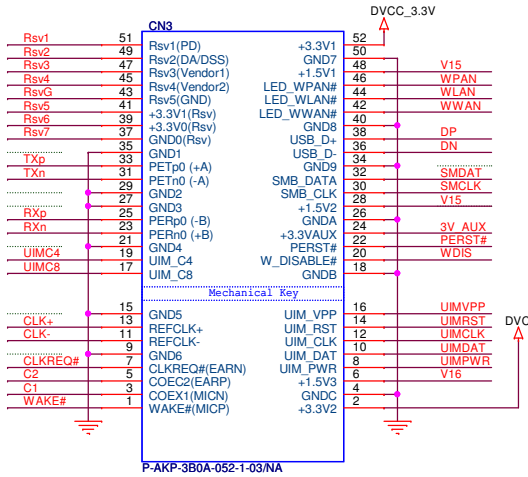
Card dimensions and design should match requirements for the standard half length PCI-Express card and should be designed to use the card retainer as detailed in the PCI Express Electromechanical specification rev 1.0a. Height may be increased to allow for placement of all components but width and thickness must be as required in the specification

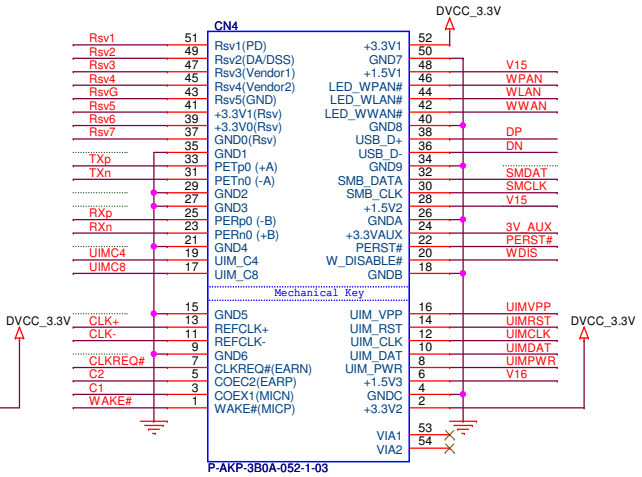












Title: Half Mini PCI-E adapter		by: Gerry Chen	
Size: A3	Document Number: MINI PCI-E CARD	Bplus technology Co,. Ltd.	Rev: 1.2
Date: Thursday, April 21, 2011	Sheet 1 of 1		