

# Item: MM2U

## Half mPCIe to Full mPCIe adapter

### Revision History

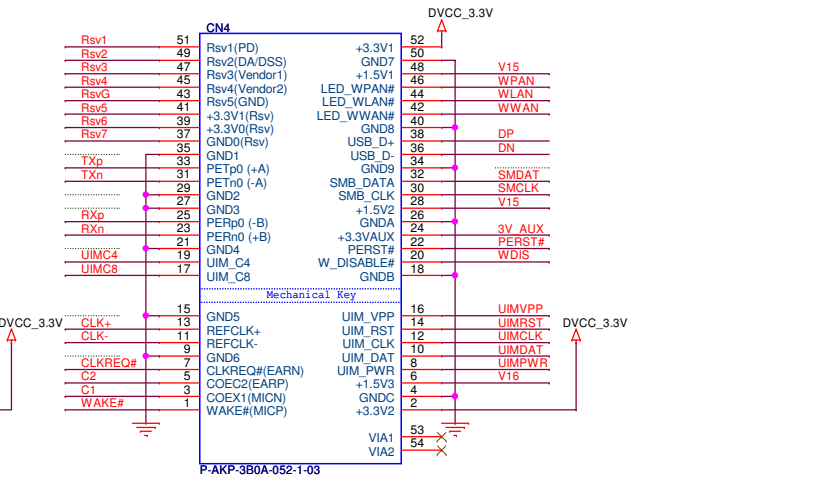
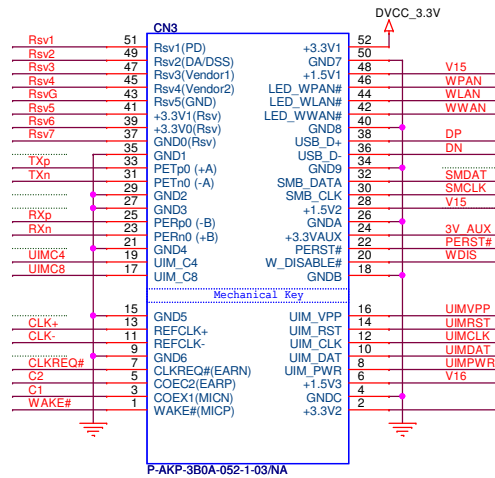
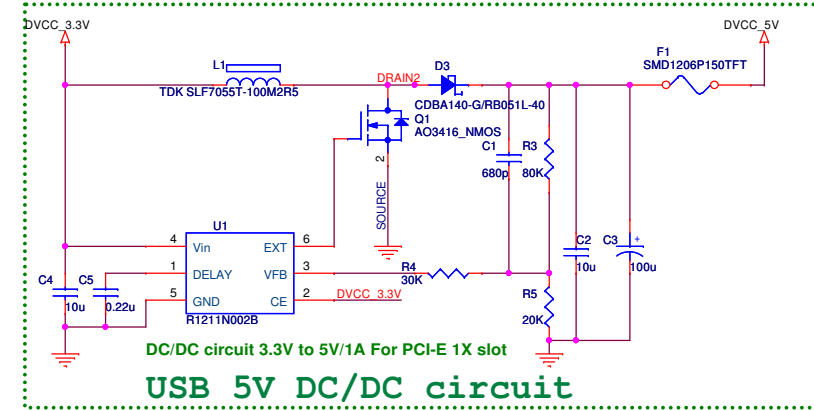
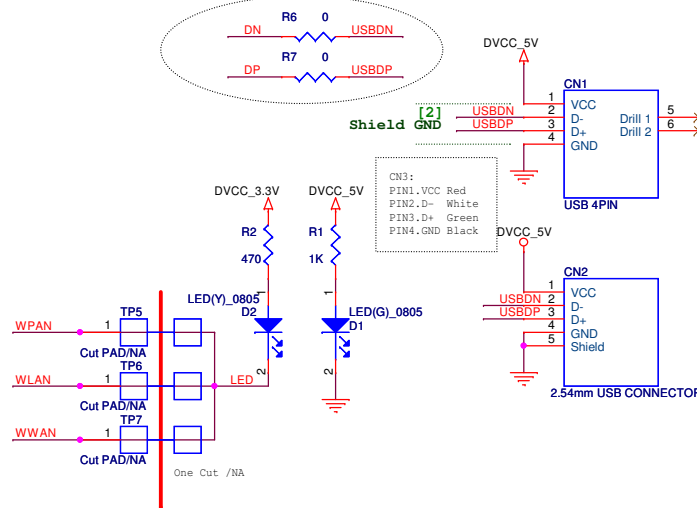
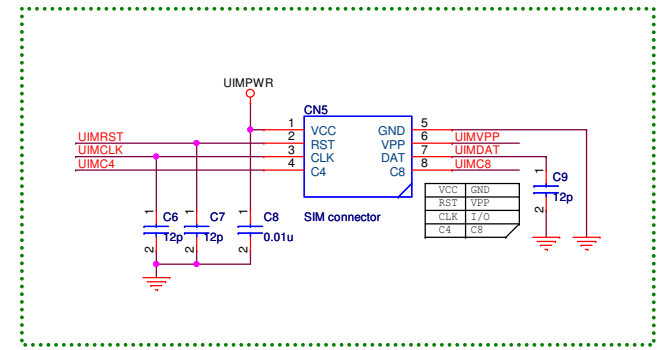
Date	Version	Description
2010Jul27	1.0a	First Release
2010Sep21	1.1	Add SIM conn

### 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



Mini PCI-E 52pin

Mini PCI-E Conn

Title		Half Mini PCI-E adapter		by: Gerry Chen	
Size	A3	Document Number	MINI PCI-E CARD		Rev
			Bplus technology Co., Ltd.		1.0a
Date:	Sunday, September 26, 2010		Sheet	1	of 1