

ADAPTER BOARD TYPE1

Hybrid X8 PCIe on connector A, X4 KR on connector B

PCB REV: B

PCBA REV: B2B

FAB: 3

SCH Rev: 02

LAST UPDATE: 2015/10/20



Department	Designer	Project	Doc Number	Rev
CCBU	<Designer>	Adapter Board type1	<Doc>	Av06
Reviewer	<Reviewer>	Size B Date: Friday, January 19, 2018	Page Title Cover Page	Sheet 1 of 8

INDEX

- 1 Cover Page
- 2 Page Index
- 3 Board Block Diagram
- 4 Adapter Board CONN
- 5 OCP v2.0 Mezz Conn A
- 6 OCP v2.0 Mezz Conn B
- 7 Mechanical
- 8 Baseboard ID

Yosemite Block Diagram V0.06

OCV V2 40GE Mezz or 10GBASE-KR Mezz with QSFP+ Conn

Adaptor board

Slot1
1P Server Card

Slot2
1P Server Card

Slot3
1P Server Card

Slot4
1P Server Card

BMC (AST1250)

HotSwap
Controllers

Temp
Seosors
(Inlet and Outlet)

FRU

Fan x 2

Power Button
Reset Button
Select Switch
LEDs

Analog
Sensors

OCV Debug
Card

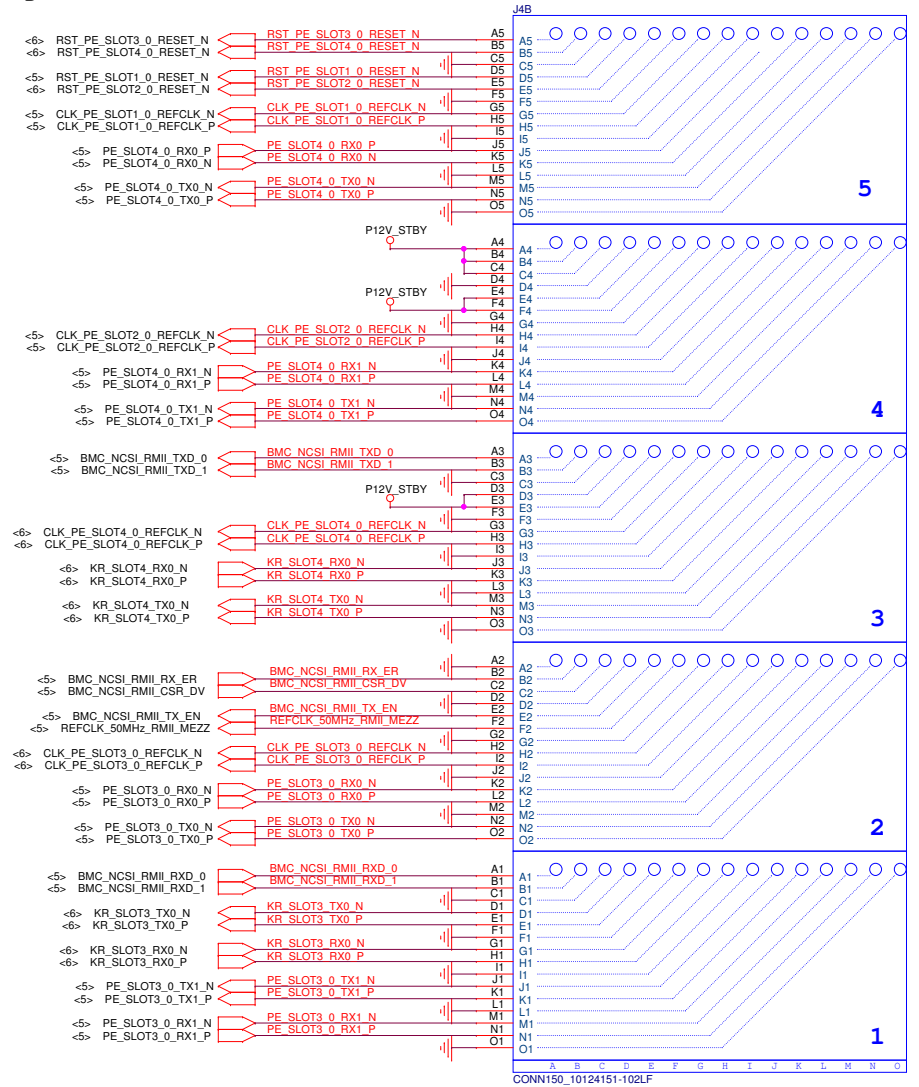
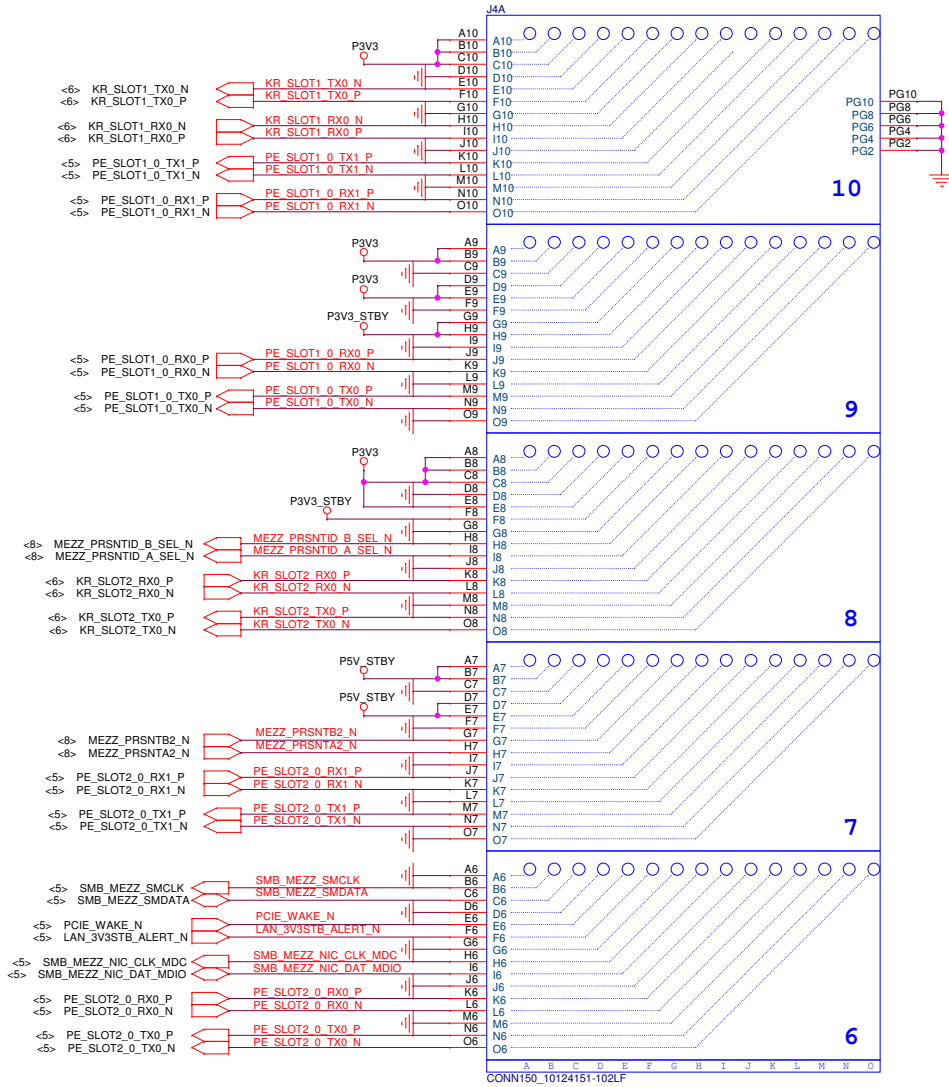
USB MUX

USB-Common

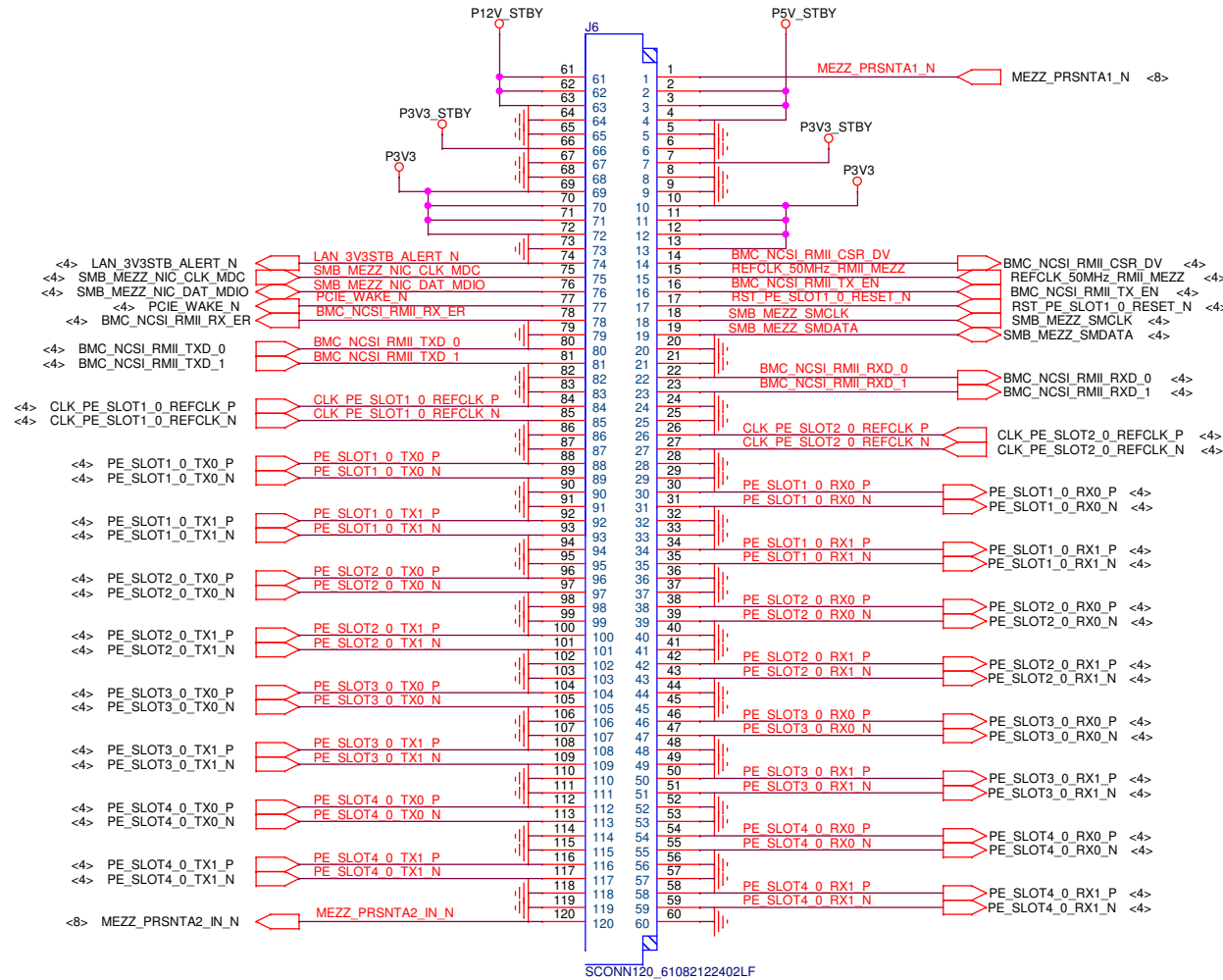
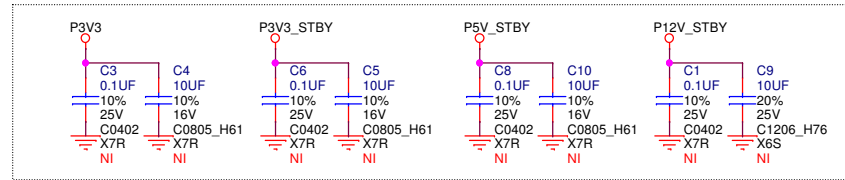
USB HUB

USB-Front

USB Conn



Adapter Board CONN

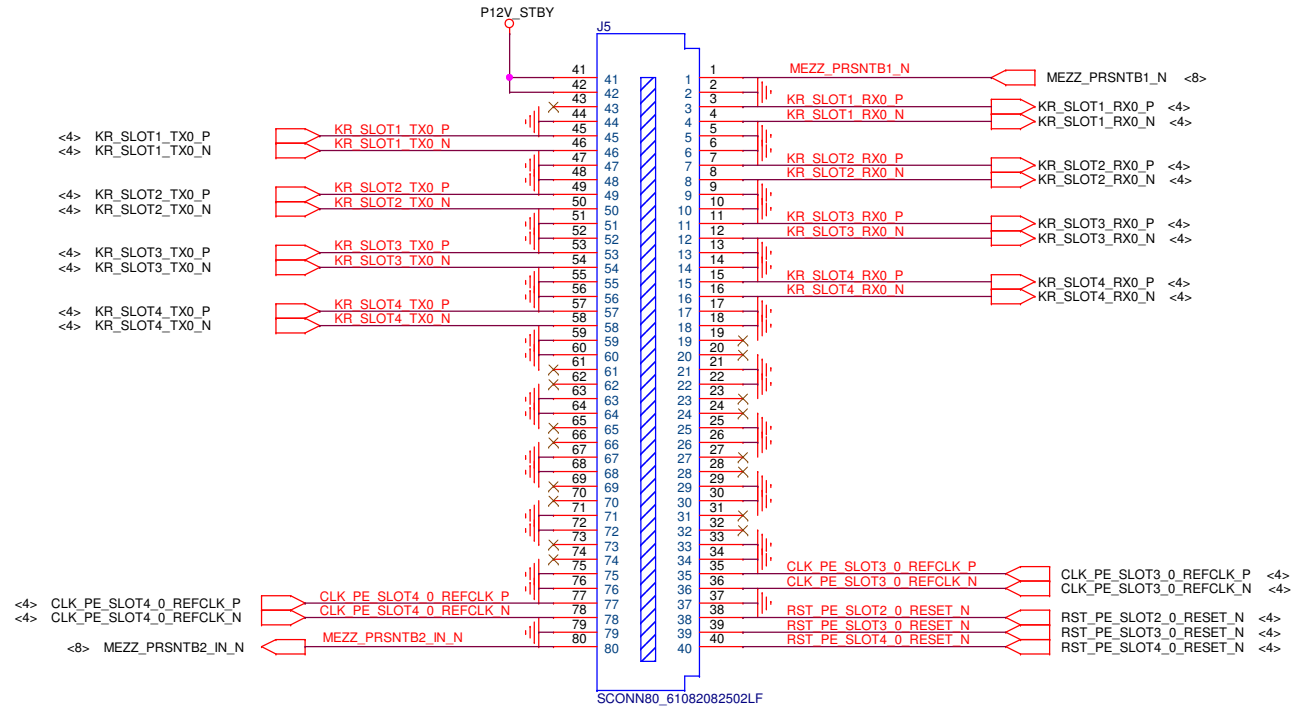
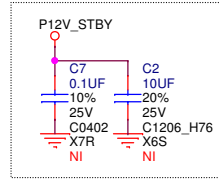


SCONN120_61082122402LF

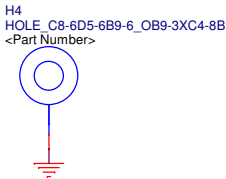
OCP v2.0 Mezz Conn A

Quanta

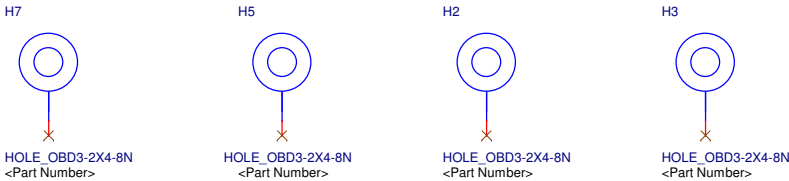
Department	Designer	Project	Doc Number	Rev
CCBU	<Designer>	Adapter Board type1	<Doc>	Av06
Reviewer	<Reviewer>	Size B Date: Friday, January 19, 2018	Page Title OCP v2.0 Mezz Conn A	Sheet 5 of 8



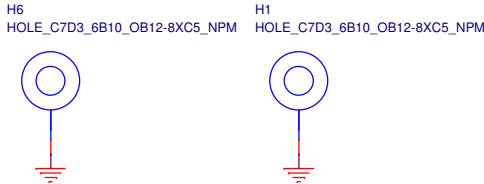
SMT THUMB SCREW * 1pcs



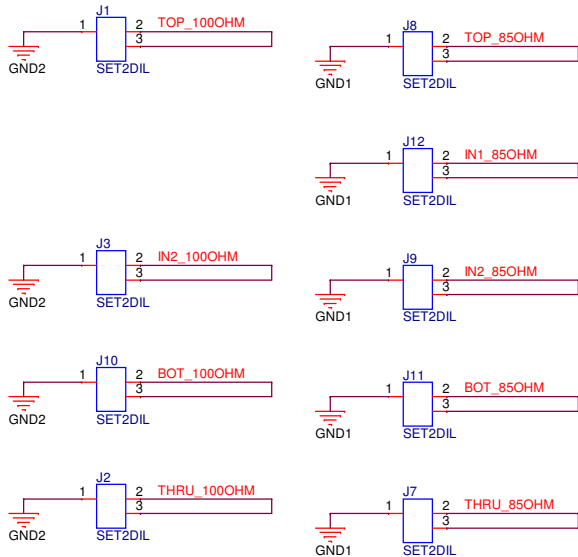
Mezzanine holes * 4pcs



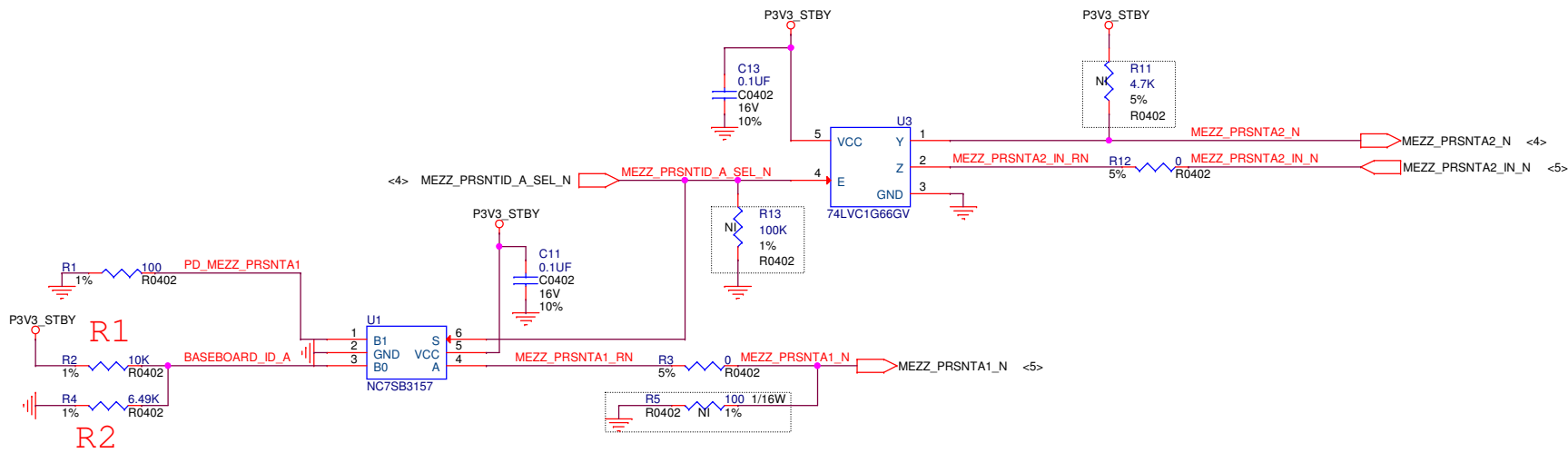
Key Holes * 2pcs



SET2DIL



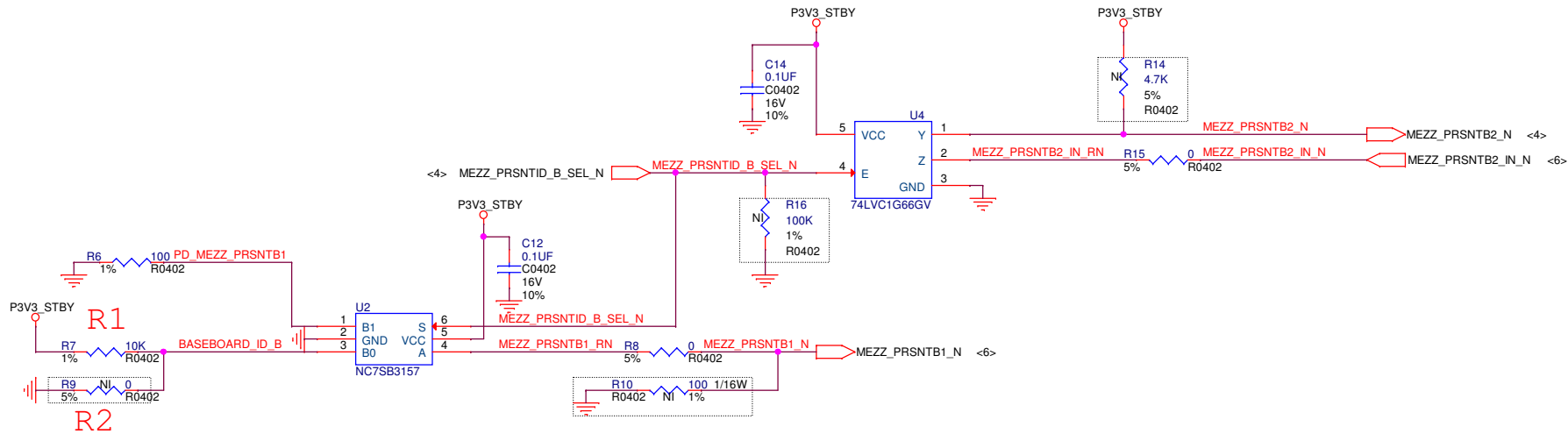
Mechanical



PRSN2ID_A_SEL_N	Function	MEZZ_PRSN2A2_N	MEZZ_PRSN2A1_N
H	B1 Connected to A	Pullup	Pulldwon
L	B0 Connected to A	high-impedance	Baseboard ID

PRSN2ID_B_SEL_N	Function	MEZZ_PRSN2B2_N	MEZZ_PRSN2B1_N
H	B1 Connected to A	Pullup	Pulldwon
L	B0 Connected to A	high-impedance	Baseboard ID

	ConnA R1	ConnA R2	ConnB R1	ConnB R2	Base Board type
Adapter type1*	10KΩ	6.49KΩ	10KΩ	NC	Four x2 PCIe Root Ports on baseboard Connector A Up to 8x KR on baseboard Connector B
Adapter type2	10KΩ	3.83KΩ	10KΩ	3.83KΩ	Two x4 PCIe Root Ports on baseboard Connector A Two x4 PCIe Root Ports on baseboard Connector B



Baseboard ID