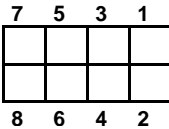


PE-7S2-R40

7-Slot PICMG 1.3 PCIe to PCI Bridge Backplane User Manual Ver. 4.0

1. USB1, USB2: External 4 Port USB Connectors From the Mainboard



PIN	DESCRIPTION	PIN	DESCRIPTION
1	USBVCC	2	GND
3	DATA-	4	DATA+
5	DATA+	6	DATA-
7	GND	8	USBVCC

2. FAN1, FAN2, FAN3, FAN4: Fan Connector



PIN	DESCRIPTION
1	GND
2	+12V
3	NC

3. ATXCTL1: Backplane to Mainboard ATX Power Control Connector




PIN	DESCRIPTION
1	GND
2	PSON#
3	5VSB

4. PWRBTN: External Power On Button




PIN	DESCRIPTION
1	GND
2	PWRBT#


5. RESET: External Reset Button Connector

	PIN	DESCRIPTION
	1	GND
	2	SHB_RST#

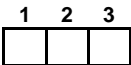
6. PWRGD: External Power Good Connector

	PIN	DESCRIPTION
	1	GND
	2	PWRGD

7. SM-BUS: External System Management BUS Connector

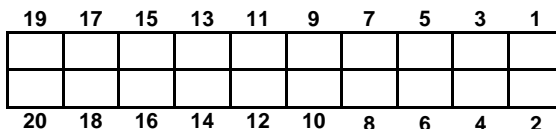
	PIN	DESCRIPTION
	1	SMDAT
	2	SMCLK

8. CN1: PCIE X16 SDVO Control Signal Pin

	PIN	DESCRIPTION
	1	EXP_EN
	2	SDVO_CLK
	3	SDVO_DAT

9. IOPWR: The I/O Power Connector indicators for controlling your CPU board

PIN	DESCRIPTION	PIN	DESCRIPTION
1	GND	2	-12V
3	+12V	4	GND
5	IPMB_DA	6	5VSB
7	GND	8	GND
9	IPMB_CL	10	5VSB
11	+5V	12	PWRGD
13	SMDAT	14	SHB_RST#
15	5VSB	16	GND
17	SMCLK	18	PSOEN#
19	+3.3V	20	PWRBTT#

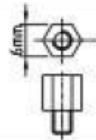


10. PCI routing table:

SIGNAL	REQ#	GNT#	IDSEL	INTA#	INTB#	INTC#	INTD#
PIN No.	B18	A17	A26	A6	B7	A7	B8
PCI1	REQ0#	GNT0#	AD31	B	C	D	A

11. Notice:

- a. Recommend to use 6mm width spacer to install



- b. Torsion must less than 6lb-inch

12. Dimension:

