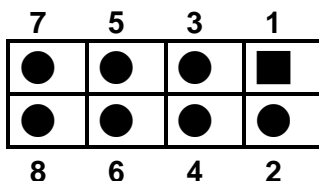


# PE-4S2-R21

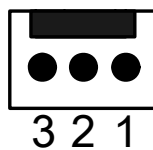
## 4-Slot PICMG 1.3 PCIe to PCI Bridge Backplane Ver.2.1

### 1 USB1、USB2: External 4 Port USB Connectors From the Mainboard



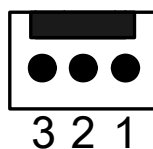
USB1、USB2			
PIN	DESCRIPTION	PIN	DESCRIPTION
1	VCC	2	GROUND
3	DATA-	4	DATA+
5	DATA+	6	DATA-
7	GROUND	8	VCC

### 2 FAN1、FAN2、FAN3、FAN4 : Fan Connector



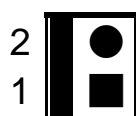
PIN	DESCRIPTION
1	Ground
2	+12V
3	NC

### 3 ATXCTL1 : Backplane to Mainboard ATX Power Control Connector



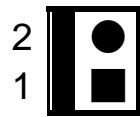
PIN	DESCRIPTION
1	GND
2	PSO#
3	5VSB

### 4 PWRBTN : External Power On Button



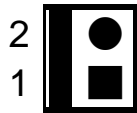
PIN	DESCRIPTION
1	GND
2	PWRBT#

## 5 RESET : Reset Button Connector



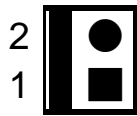
PIN	DESCRIPTION
1	GND
2	SHB_RST#

## 6 PWRGD : External Power Good Connector



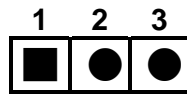
PIN	DESCRIPTION
1	GND
2	PWRGD

## 7 SM-BUS : External System Management BUS Connector



PIN	DESCRIPTION
1	SMDATA
2	SMBCLK

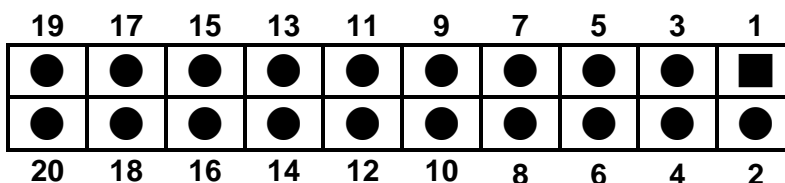
## 8 CN1 : PCIE X16 SDVO Control Signal Pin



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	PWRBT#



# 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
PCI2	REQ1#	GNT1#	AD30	C	D	A	B

