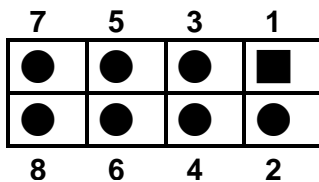


# PXE-13S-R21

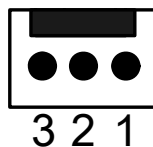
## 13-Slot PICMG 1.3 PCIe to PCI Bridge Backplane Ver. 2.1

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



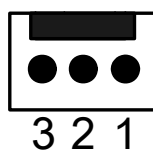
USB1、USB2			
PIN	DESCRIPTION	PIN	DESCRIPTION
1	VCC	2	GROUND
3	DATA-	4	DATA+
5	DATA+	6	DATA-
7	GROUND	8	VCC

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



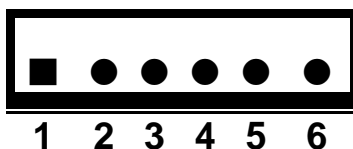
PIN	DESCRIPTION
1	Ground
2	+12V
3	NC

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



PIN	DESCRIPTION
1	GND
2	PS_ON-
3	5VSB

### 4 PWR2 : This connector supports the AT-P10 power Connector



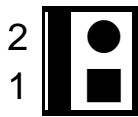
PIN	1	2	3	4	5	6
DESCRIPTION	+5V			GND		

### 5 PWRBTN : External Power On Button



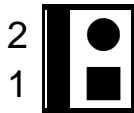
PIN	DESCRIPTION
1	GND
2	PWRBT#

**6 RESET : Reset Button Connector**



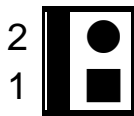
PIN	DESCRIPTION
1	GND
2	SHB_RST#

**7 PWRGD : External Power Good Connector**



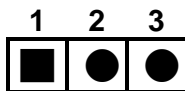
PIN	DESCRIPTION
1	GND
2	PWRGD

**8 SM-BUS : External System Management BUS Connector**



PIN	DESCRIPTION
1	SMDATA
2	SMBCLK

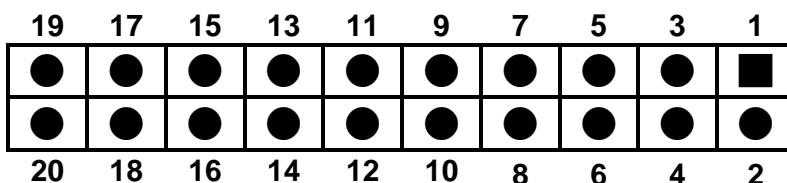
**9 CN1 : PCIE X16 SDVO Control Signal Pin**



PIN	DESCRIPTION
1	EXP_EN
2	SDVO_CLK
3	SDVO_DAT

**10 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
PCI3	REQ2#	GNT2#	AD29	D	A	B	C
PCI4	REQ3#	GNT3#	AD28	A	B	C	D

### PCI Express to PCI Group A Routing

SIGNAL	REQ#	GNT#	IDSEL	INTA#	INTB#	INTC#	INTD#
PIN No.	B18	A17	A26	A6	B7	A7	B8
PCI_A1	REQ0#	GNT0#	AD16	A	B	C	D
PCI_A2	REQ1#	GNT1#	AD17	B	C	D	A
PCI_A3	REQ2#	GNT2#	AD18	C	D	A	B
PCI_A4	REQ3#	GNT3#	AD19	D	A	B	C

