

VPX Backplane

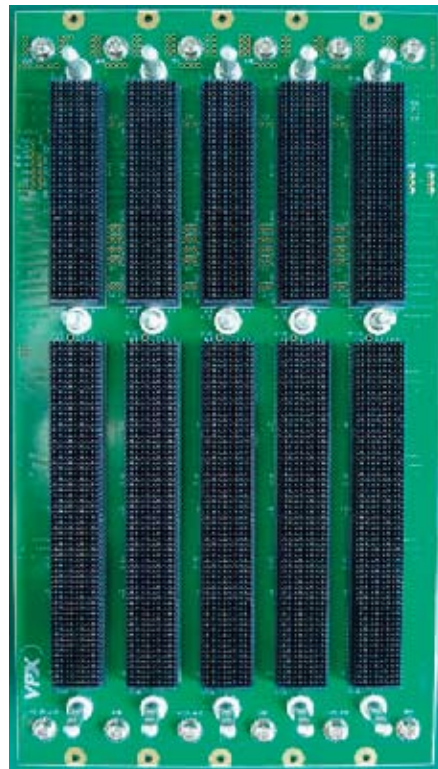
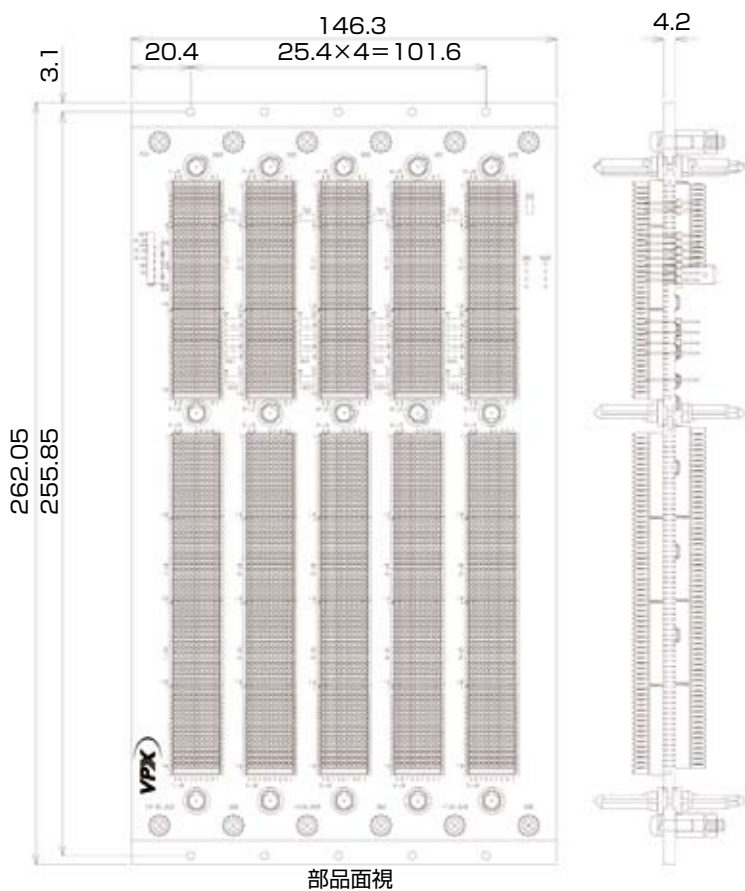
■特長

VITA46.1,VPX規格に準拠した
6U×5スロットのバックプレーンです。

■仕様

- | | |
|--|---|
| 1.外形
146.3×262 | 4.インターコネクションダイアグラム
J0:Utility Bus |
| 2.基板仕様
材質:EL230
板厚:4.2
層数:14層 | J1:Data Plane Bus,Differential 4Lane×4Port
Fullmesh |
| 3.電源供給
V s 1:100A
V s 2:100A
V s 3:100A
GND:200A | J2:VME64ExBus (MultiGig Connector にアサイン)
J3~J6:User Define I/O |
| | 5.オーダーコード
650-V P X05W |

■外形図



■ピンアサイン

J0	a	b	c	d	e	f	g	h	i
1	Vs2	Vs2	Vs2	Vs2	n.c	Vs1	Vs1	Vs1	Vs1
2	Vs2	Vs2	Vs2	Vs2	n.c	Vs1	Vs1	Vs1	Vs1
3	Vs3	Vs3	Vs3	Vs3	n.c	Vs3	Vs3	Vs3	Vs3
4	GND	NVMRO	SYSRESET	GND	-12V_AUX	GND	SM3	SM2	GND
5	GND	SM1	SM0	GND	3.3V_AUX	GND	GA4	GAP	GND
6	GND	GA0	GA1	GND	+12V_AUX	GND	GA2	GA3	GND
7	TRST	TMS	GND	GND	TDI	TD0	GND	GND	TCK
8	GND	GND	RES_BUS+	RES_BUS-	GND	GND	REF_CLK+	REF_CLK-	GND

J1	a	b	c	d	e	f	g	h	i
1	PA-RX0+	PA-RX0-	GND	GND	PA-TX0+	PA-TX0-	GND	GND	P1-Res
2	GND	GND	PA-RX1+	PA-RX1-	GND	GND	PA-TX1+	PA-TX1-	GND
3	PA-RX2+	PA-RX2-	GND	GND	PA-TX2+	PA-TX2-	GND	GND	P1-VBAT
4	GND	GND	PA-RX3+	PA-RX3-	GND	GND	PA-TX3+	PA-TX3-	GND
5	PB-RX0+	PB-RX0-	GND	GND	PB-TX0+	PB-TX0-	GND	GND	SYS_CON
6	GND	GND	PB-RX1+	PB-RX1-	GND	GND	PB-TX1+	PB-TX1-	GND
7	PB-RX2+	PB-RX2-	GND	GND	PB-TX2+	PB-TX2-	GND	GND	P1-REF
8	GND	GND	PB-RX3+	PB-RX3-	GND	GND	PB-TX3+	PB-TX3-	GND
9	PC-RX0+	PC-RX0-	GND	GND	PC-TX0+	PC-TX0-	GND	GND	P1-SE4
10	GND	GND	PC-RX1+	PC-RX1-	GND	GND	PC-TX1+	PC-TX1-	GND
11	PC-RX2+	PC-RX2-	GND	GND	PC-TX2+	PC-TX2-	GND	GND	P1-SE5
12	GND	GND	PC-RX3+	PC-RX3-	GND	GND	PC-TX3+	PC-TX3-	GND
13	PD-RX0+	PD-RX0-	GND	GND	PD-TX0+	PD-TX0-	GND	GND	P1-SE6
14	GND	GND	PD-RX1+	PD-RX1-	GND	GND	PD-TX1+	PD-TX1-	GND
15	PD-RX2+	PD-RX2-	GND	GND	PD-TX2+	PD-TX2-	GND	GND	P1-SE7
16	GND	GND	PD-RX3+	PD-RX3-	GND	GND	PD-TX3+	PD-TX3-	GND

J2	a	b	c	d	e	f	g	h	i
1	GND	D00	SYSFAL	GND	BBSY	GND	ACFAIL	D8	GND
2	GND	D01	BR0	GND	BCLR	GND	BG2IN	D9	GND
3	GND	D02	BR1	GND	BGOIN	GND	BG2OUT	D10	GND
4	GND	D03	BR2	GND	BGOOUT	GND	BG3IN	D11	GND
5	GND	D04	BR3	GND	BG1IN	GND	BG3OUT	D12	GND
6	GND	D05	AM0	GND	BG1OUT	GND	BERR	D13	GND
7	GND	D06	AM1	GND	SYSCLK	GND	LWORD	D14	GND
8	GND	D07	AM2	GND	DS1	GND	AM5	D15	GND
9	GND	AM4	AM3	GND	DS0	GND	A23	A22	GND
10	GND	A07	IRQ7	GND	WRITE	GND	A21	A20	GND
11	GND	A06	IRQ6	GND	DTACK	GND	A19	A18	GND
12	GND	A05	IRQ5	GND	AS	GND	A17	A16	GND
13	GND	A04	IRQ4	GND	IACK	GND	A15	A14	GND
14	GND	A03	IRQ3	GND	IACKIN	GND	A13	A12	GND
15	GND	A02	IRQ2	GND	IACKOUT	GND	A11	A10	GND
16	GND	A01	IRQ1	GND	RETRY	GND	A9	A8	GND

J3	a	b	c	d	e	f	g	h	i
1	N.C	N.C	GND	GND	N.C	N.C	GND	GND	A24
2	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
3	N.C	N.C	GND	GND	N.C	N.C	GND	GND	A25
4	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
5	N.C	N.C	GND	GND	N.C	N.C	GND	GND	A26
6	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
7	N.C	N.C	GND	GND	N.C	N.C	GND	GND	A27
8	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
9	N.C	N.C	GND	GND	N.C	N.C	GND	GND	A28
10	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
11	N.C	N.C	GND	GND	N.C	N.C	GND	GND	A29
12	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
13	N.C	N.C	GND	GND	N.C	N.C	GND	GND	A30
14	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
15	N.C	N.C	GND	GND	N.C	N.C	GND	GND	A31
16	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND

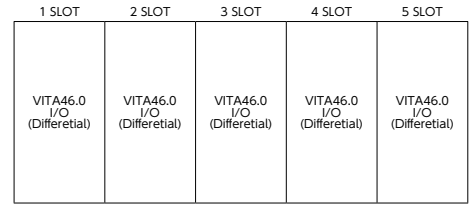
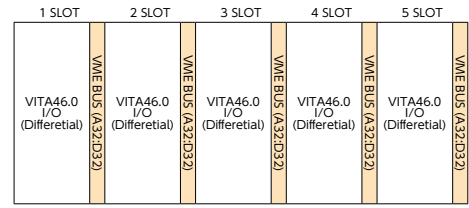
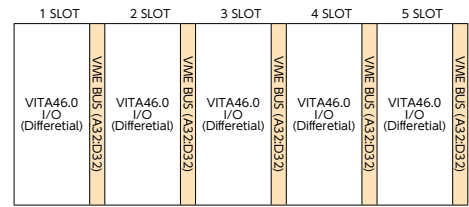
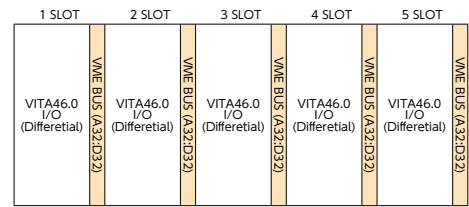
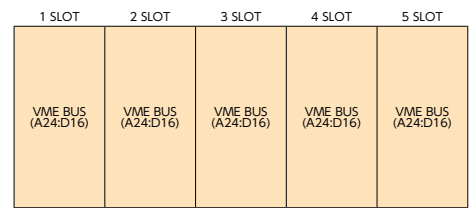
J4	a	b	c	d	e	f	g	h	i
1	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D16
2	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
3	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D17
4	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
5	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D18
6	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
7	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D19
8	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
9	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D20
10	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
11	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D21
12	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
13	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D22
14	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
15	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D23
16	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND

J5	a	b	c	d	e	f	g	h	i
1	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D24
2	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
3	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D25
4	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
5	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D26
6	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
7	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D27
8	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
9	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D28
10	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
11	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D29
12	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
13	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D30
14	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
15	N.C	N.C	GND	GND	N.C	N.C	GND	GND	D31
16	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND

J6	a	b	c	d	e	f	g	h	i
1	N.C	N.C	GND	GND	N.C	N.C	GND	GND	P6-SE0
2	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
3	N.C	N.C	GND	GND	N.C	N.C	GND	GND	P6-SE1
4	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
5	N.C	N.C	GND	GND	N.C	N.C	GND	GND	P6-SE2
6	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
7	N.C	N.C	GND	GND	N.C	N.C	GND	GND	P6-SE3
8	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
9	N.C	N.C	GND	GND	N.C	N.C	GND	GND	P6-SE4
10	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
11	N.C	N.C	GND	GND	N.C	N.C	GND	GND	P6-SE5
12	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
13	N.C	N.C	GND	GND	N.C	N.C	GND	GND	P6-SE6
14	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND
15	N.C	N.C	GND	GND	N.C	N.C	GND	GND	P6-SE7
16	GND	GND	N.C	N.C	GND	GND	N.C	N.C	GND

■バックプレーン配線構成

1 SLOT	2 SLOT	3 SLOT	4 SLOT	5 SLOT
POWER Utility Signal	POWER Utility Signal	POWER Utility Signal	POWER Utility Signal	POWER Utility Signal



■製造・販売元

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