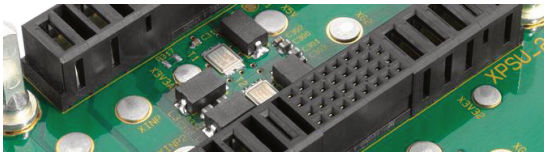
3U VPX Power BACKPLANE

2 Slot – AC Input Voltage

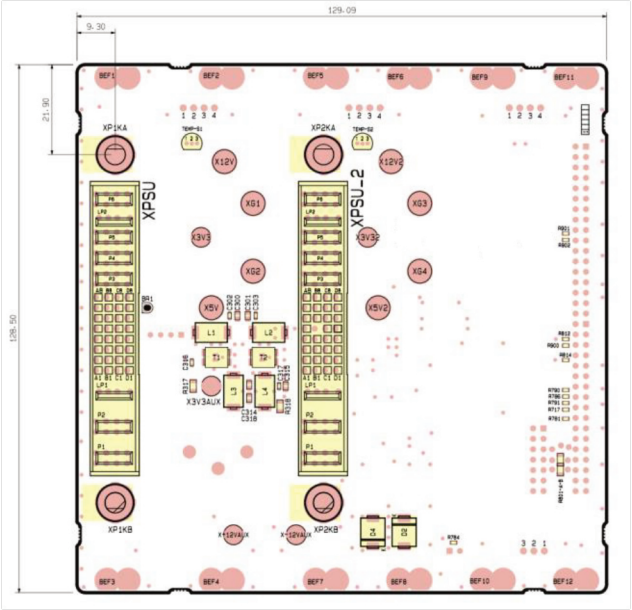
VITA 62



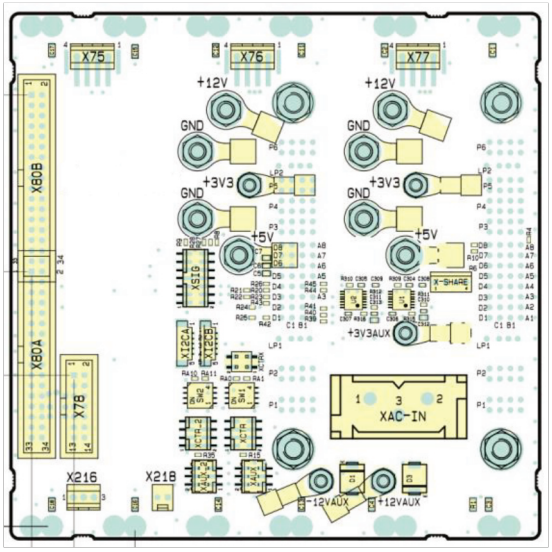
Key Features:

- Compliant to VITA 62 baseline specificaĊon
- 2 Slot 3U J0 Connector
- Input Voltage 85-265VAC
- Max Input Current 17A per Slot
- M4 studs for VS1/12V (max. 80A) and GND (max. 160A)
  M3 studs for VS2/3.3V (max. 40A), VS3/5V (max. 80A)
- PCB size 128.50mm x 129.09mm x 5.4 mm
- Fail, Reset and Sense signals
- Flexible keying and alignment mechanism
- Enable and Inhibit signals accesible
- System Management Interface on the backplane (I2CA, I2CB)
- CompaĊble to standard VPX 3U AC PSU, such as the Hartmann 600W AC Power Supply p/n D575.00646
- Can be used with Shelfmanagers, such as the Hartmann Shelfmanager part num. 1H00004161
- OperaĊng temperature: -40° - +85°C
- Storage temperature: -55°C - +85°C
- Flammability raĊng: UL94-V0
- Custom assembly or modificaĊon on request

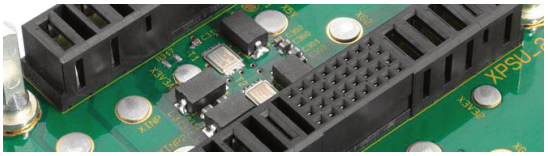
Front side



Back side

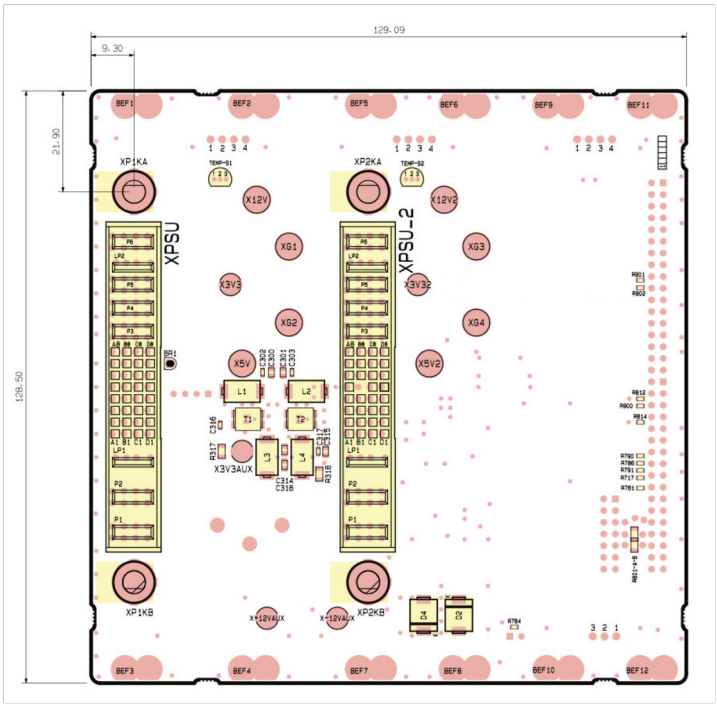


- **Order number: 2.H0002051**

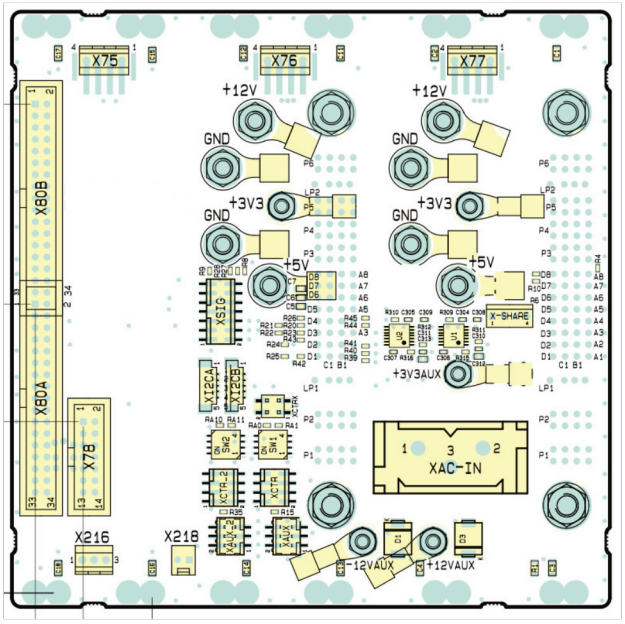
3U VPX Power BACKPLANE **2 Slot – AC Input Voltage**	**VITA 62**	

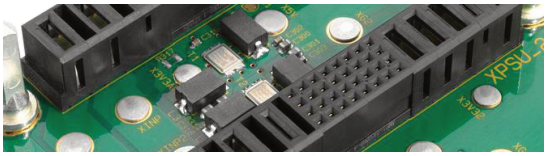
1) Drawings

Front side

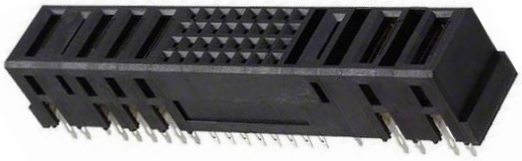


Back side



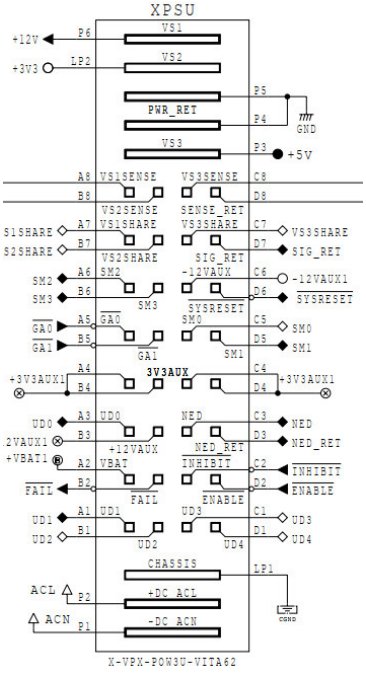


2) J0 Power Connector (XPSU)

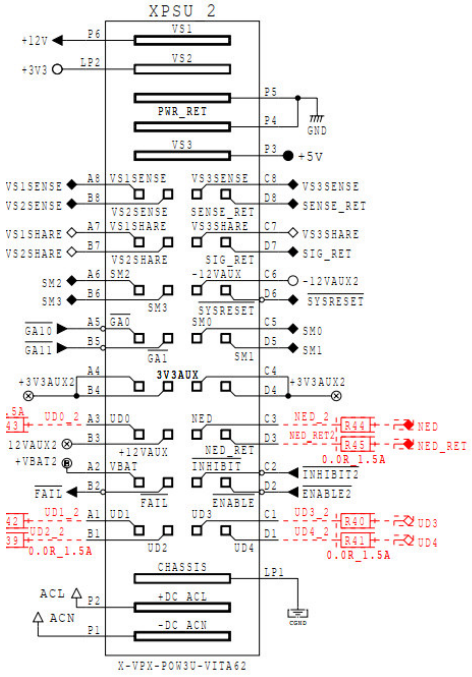


For 3U PSU Plug-In Modules according to VITA 62.0.

Connector Tyco 1-6450869-4



Connector 1



Connector 2

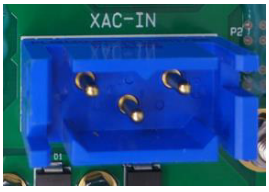
3) Power Input Connector (XIN)

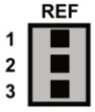
3 Pin Connector.

1: CASE GND

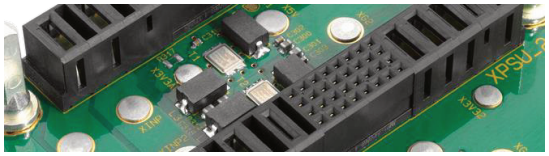
2, 3: Input voltage 36-500V (AC)

Connector Positronic PLBH3W3M93ST30A1





1	CASE GND
2	-Vin
3	+Vin



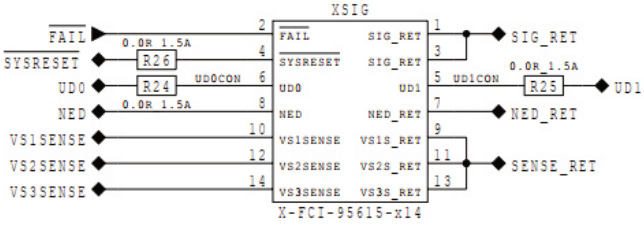
4) Current Capability:

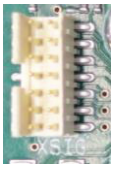
- VS1: +12V 80 A
- VS2: +3.3V 40 A
- VS3: +5V 80 A
- +3.3V AUX 12 A
- +/- 12V AUX 3 A

5) UĨ lity (XSIG)

Special signals like sense signals for connecĊon to the power supply are at the connector XSIG.

Connector Connector FCI/Berg 95615-014TRLF



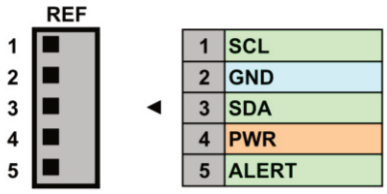


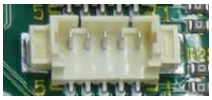
MaĊng with:
Hartmann F006.00450

6) IMPB(A+B) I²C Connector

1,3: Serial clock and data, IPMBA (SM0,SM1) of VPX
4: IPMB-Power is connected at VPX-Backplane
5: Not available from PSU

Connector Molex 53398-0571



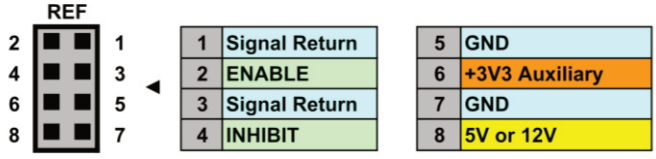


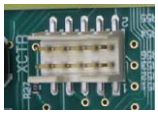
MaĊng with:
PicoBlade Cable Assembly 15134

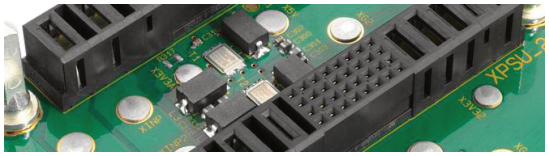
7) Connector for control of VPX Power Backplane (XCTR)

1,3: Return path for signals, grounded on VPX-Backplane
2: Enable PSU (in, L)
4: Inhibit PSU (in, L)

Two Connectors FCI 95615-008LF



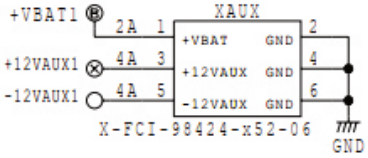


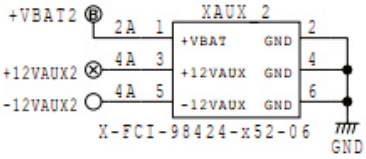


8) Connector for auxiliary voltages (XAUX)

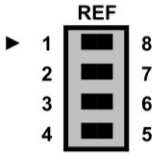
1: Auxiliary voltage ~ 3.0 V (2.55-3.5V, for setups, volaĊle memories etc.)

Connector FCI 98424-G52-06LF

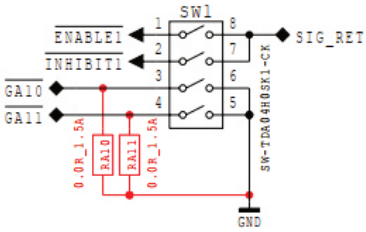




9) Switch SW1, SW2

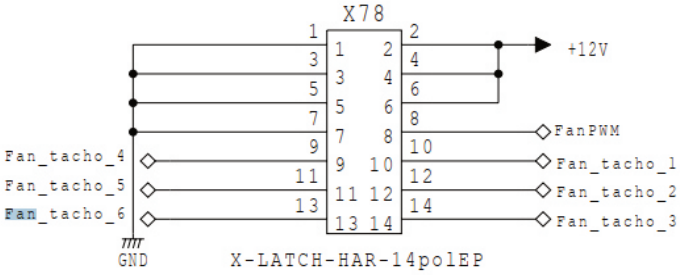


	OPEN	CLOSED
1-8	PSU ENABLE - ext. controlled	PSU enabled
2-7	PSU INHIBIT - ext. controlled	PSU inhibited
3-6	GA Bit 0 = 0	GA Bit 0 = 1
4-5	GA Bit 1 = 0	GA Bit 1 = 1

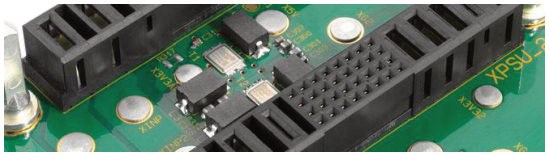


10) Connector Fans (XFAN)

1	GND
2	Fan_Power
3	GND
4	Fan_Power
5	GND
6	Fan_Power
7	GND
8	Fan_PWM
9	Fan_TACHO-4
10	Fan_TACHO-1
11	Fan_TACHO-5
12	Fan_TACHO-2
13	Fan_TACHO-6
14	Fan_TACHO-3



Connector FCI95615-014TRLF



11) Connector Shelfmanager (XSM)

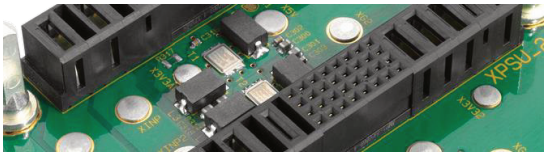
1	+5V STDBY	2	+5VMON	
3	+5V	4	+3V3MON	
5	ACFAIL	6	-12VMON	
7	SYSFAIL	8	+12VMON	
9	SYSRESET	10	GND	
11	Fan_PWM	12	I2C_SCL	
13	1-Wire-TSENSE	14	I2C_SDA	
15	DEG1	16	DEG2	
17	FAIL1	18	FAIL2	
19	ENABLE1	20	ENABLE2	
21	Fan_tacho_1	22	Fan_tacho_4	
23	Fan_tacho_2	24	Fan_tacho_5	
25	Fan_tacho_3	26	Fan_tacho_6	
27	12V Fan_supply	28	12V Fan_supply	
29	FANREG	30	FANREG	
31	GND	32	GND	
33	GND	34	GND	

Connector HarĊng
09185346329

For connecĊon with Shelfmanagers, such as the Hartmann Shelf-manager part num. 1H00004161

Germany

Hartmann Electronic GmbH
Phone: +49 711 13 98 90
Fax: +49 711 8 66 11 91
vertrieb.he@kontron.com
www.hartmann-electronic.com

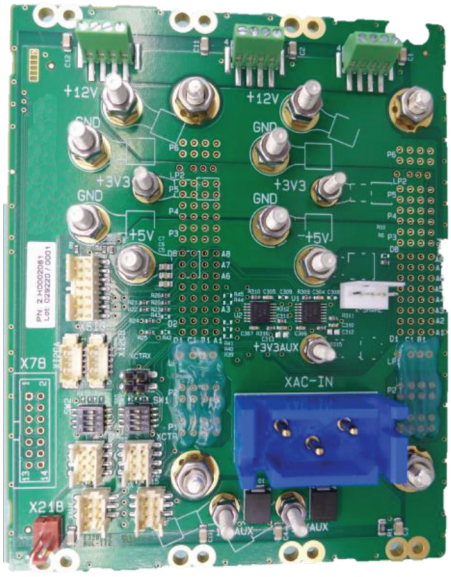
3U VPX Power BACKPLANE **2 Slot – AC Input Voltage**	**VITA 62**	

Key Features:

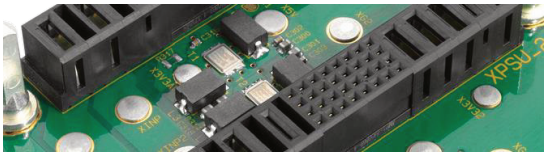
- Compliant to VITA 62 baseline specificaĊon
- 2 Slot 3U J0 Connector
- Input Voltage 85-265VAC
- Max Input Current 17A per Slot
- M4 studs for VS1/12V (max. 80A) and GND (max. 160A)
  M3 studs for VS2/3.3V (max. 40A), VS3/5V (max. 80A)
- PCB size 128.50mm x 101.60mm x 5.4 mm
- Fail, Reset and Sense signals
- Flexible keying and alignment mechanism
- Enable and Inhibit signals accesible
- System Management Interface on the backplane (I2CA, I2CB)
- CompaĊble to standard VPX 3U AC PSU, such as the
  Hartmann 600W AC Power Supply p/n D575.00646
- OperaĊng temperature: -40° - +85°C
- Storage temperature: -55°C - +85°C
- Flammability raĊng: UL94-V0
- Custom assembly or modificaĊon on request

Front side

Back side

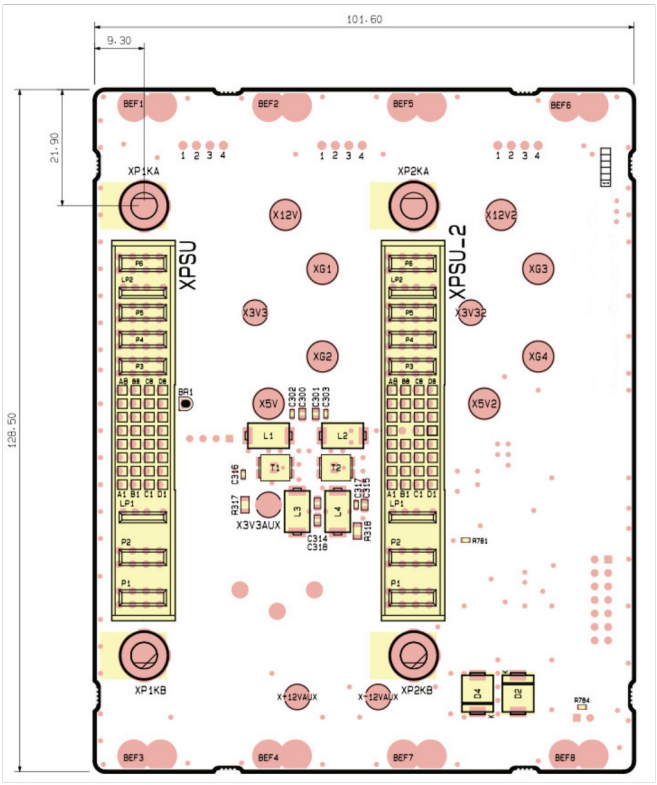


- **Order number: 2.H0002061**

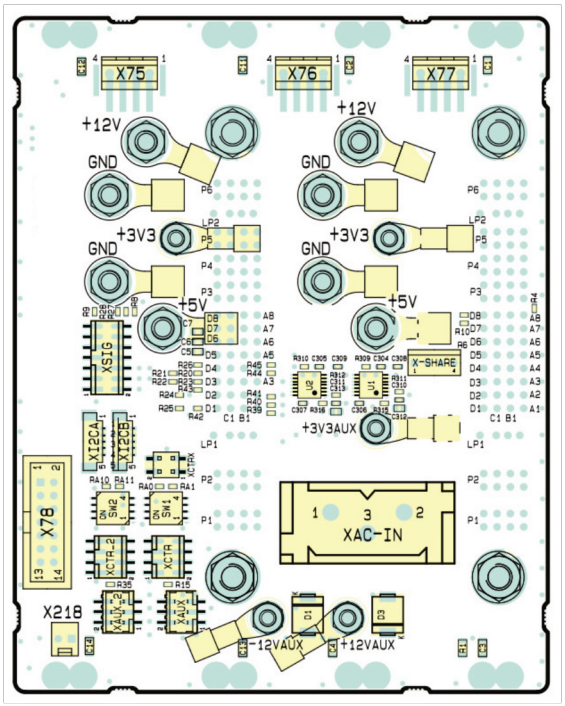
3U VPX Power BACKPLANE **2 Slot – AC Input Voltage**	**VITA 62**	

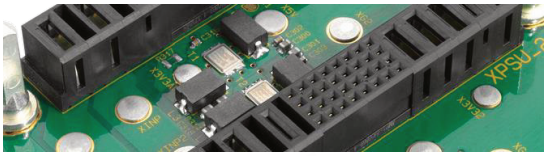
1) Drawings

Front side

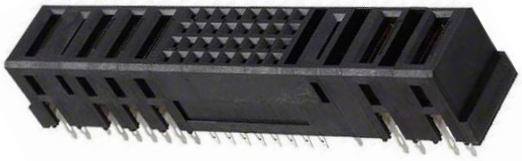


Back side



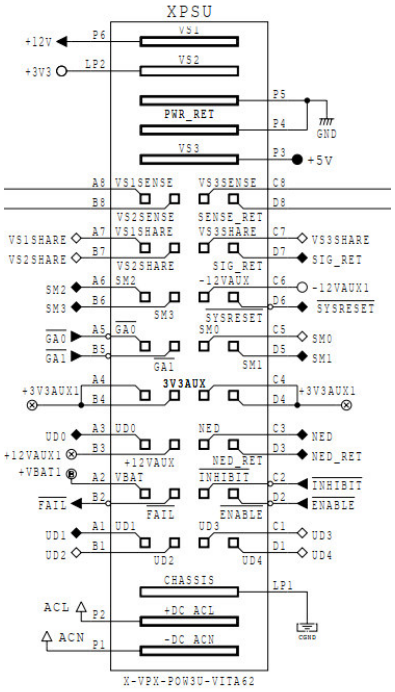
3U VPX Power BACKPLANE **2 Slot – AC Input Voltage**	**VITA 62**	

2) J0 Power Connector (XPSU)

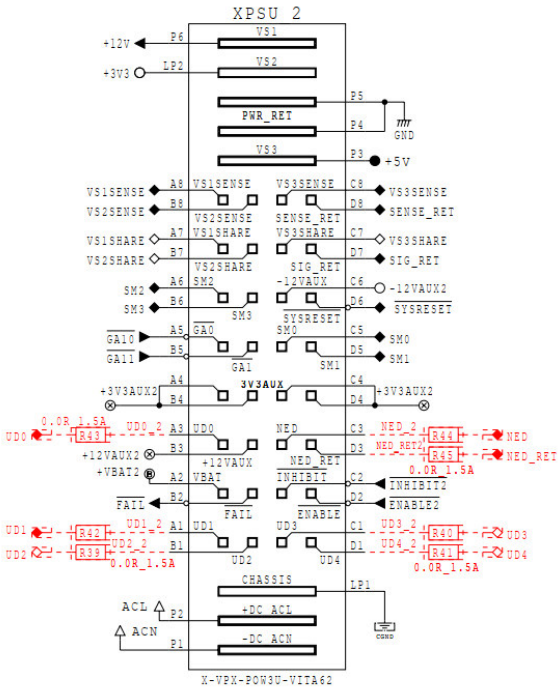


For 3U PSU Plug-In Modules according to VITA 62.0.

Connector Tyco 1-6450869-4



Connector 1



Connector 2

3) Power Input Connector (XIN)

Pin Connector for AC

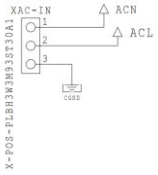
3: CASE GND (CGND)

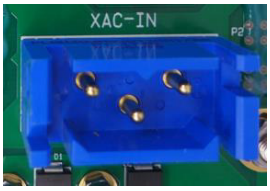
2: AC Input (L)

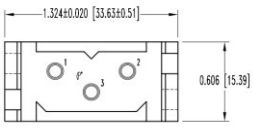
1: AC Input (N)

Input voltage 36-500V (AC)

Connector Positronic PLBH3W3M93ST30A1







Pin Connector for DC

3: CASE GND (CGND)

1: -DC Input

2: +DC Input

Input voltage 36-500V (AC)

Connector Positronic PLBH3W3M93ST30A1

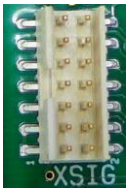
4) Current Capability:

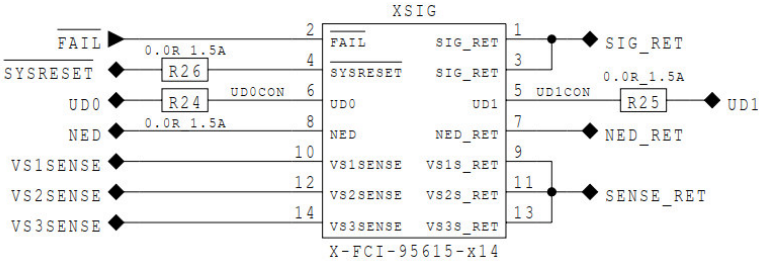
- VS1: +12V 80 A
- VS2: +3.3V 40 A
- VS3: +5V 80 A
- +3.3V AUX 12 A
- +/- 12V AUX 4 A

5) UĨ lity (XSIG)

Special signals like sense signals for connecĊon to the power supply are at the connector XSIG.

Connector FCI/Berg 95615-014TRLF



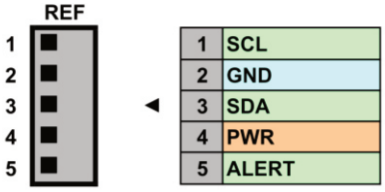


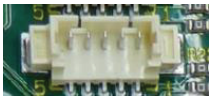
MaĊng with:
Hartmann F006.00450

6) IMPB(A+B) I²C Connector

1,3: Serial clock and data, IPMBA (SM0,SM1) of VPX
4: IPMB-Power is connected at VPX-Backplane
5: Not available from PSU

Connector Molex 53398-0571

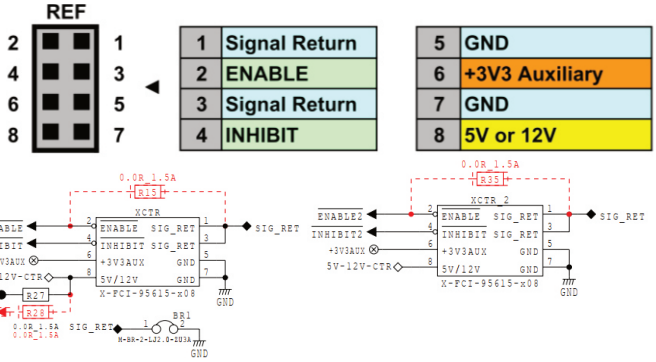


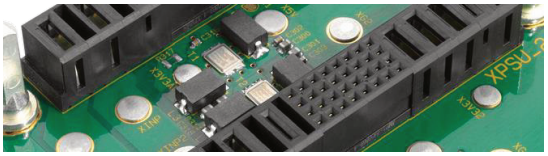


MaĊng with:
PicoBlade Cable
Assembly 15134

7) Connector for control of VPX Power Backplane (XCTR)

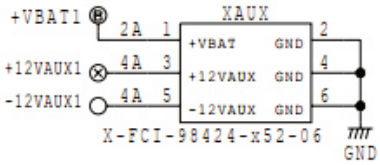
1,3: Return path for signals, grounded on VPX-Backplane
2: Enable PSU (in, L)
4: Inhibit PSU (in, L)
Two Connectors FCI 95615-008LF

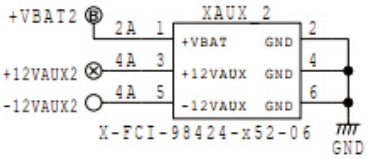




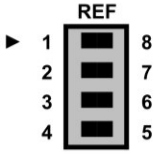
8) Connector for auxiliary voltages (XAUX)

1: Auxiliary voltage ~ 3.0 V (2.55-3.5V, for setups, volaĊle memories etc.)
Two Connector FCI 98424-G52-06LF

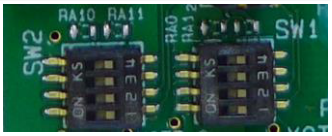


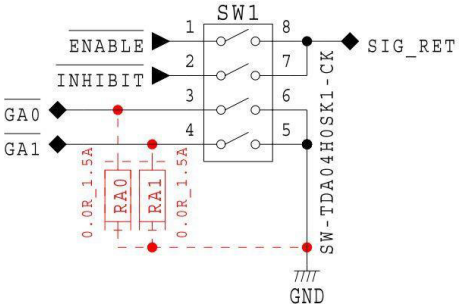


9) Switch SW1, SW2



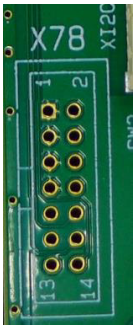
	OPEN	CLOSED
1-8	PSU ENABLE - ext. controlled	PSU enabled
2-7	PSU INHIBIT - ext. controlled	PSU inhibited
3-6	GA Bit 0 = 0	GA Bit 0 = 1
4-5	GA Bit 1 = 0	GA Bit 1 = 1

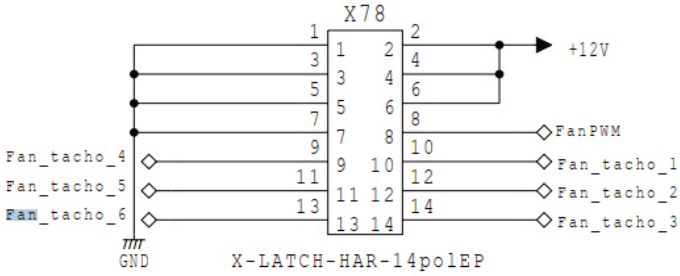




10) Connector Fans (XFAN)

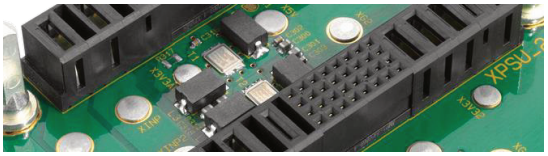
1	GND
2	Fan_Power
3	GND
4	Fan_Power
5	GND
6	Fan_Power
7	GND
8	Fan_PWM
9	Fan_TACHO-4
10	Fan_TACHO-1
11	Fan_TACHO-5
12	Fan_TACHO-2
13	Fan_TACHO-6
14	Fan_TACHO-3





Connector FCI95615-014TRLF

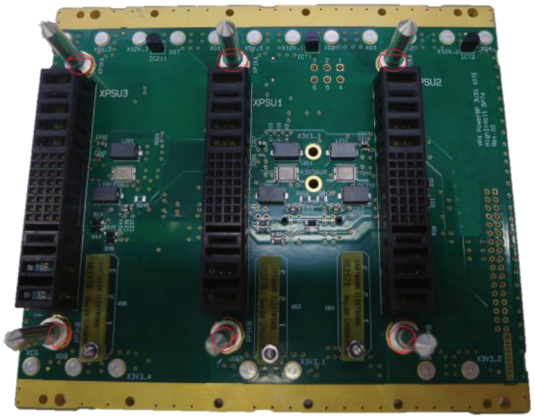
Germany
Hartmann Electronic GmbH
Phone: +49 711 13 98 90
Fax: +49 711 8 66 11 91
vertrieb.he@kontron.com
www.hartmann-electronic.com

3U VPX Power BACKPLANE **3 Slot – AC Input Voltage**	**VITA 62**	

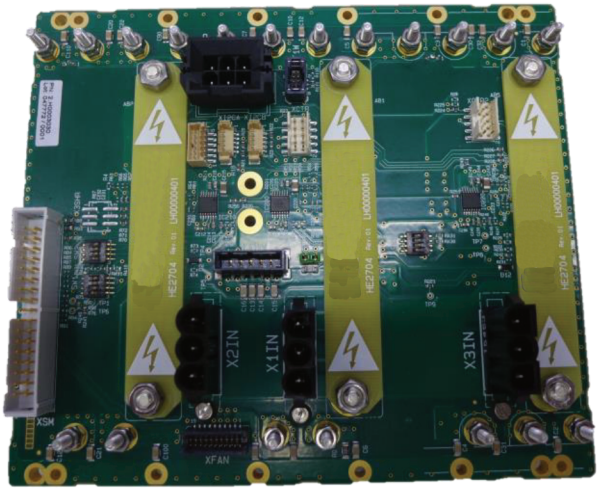
Key Features:

- Compliant to VITA 62 baseline specificaĊon
- 3 Slot 3U J0 Connector
- Input Voltage 85-265VAC
- Max Input Current 19A per Slot
- M3 studs for VS1/12V (max. 80A), VS2/3.3V (max. 40A), VS3/5V (max. 80A), and GND (max. 160A)
- PCB size 128.50mm x 148.00mm x 5.4 mm
- Fail, Reset and Sense signals
- Flexible keying and alignment mechanism
- Enable and Inhibit signals accesible
- System Management Interface on the backplane (I2CA, I2CB)
- CompaĊble to standard VPX 3U AC PSU, such as the Hartmann 600W AC Power Supply p/n D575.00646
- Can be used with Shelfmanagers, such as the Hartmann Shelfmanager part num. 1H00004161
- OperaĊng temperature: -40° - +85°C
- Storage temperature: -55°C - +85°C
- Flammability raĊng: UL94-V0
- Custom assembly or modificaĊon on request

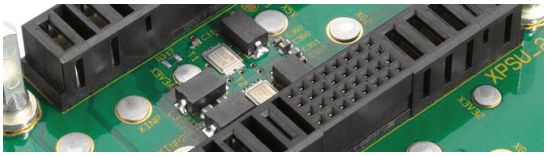
Front side



Back side

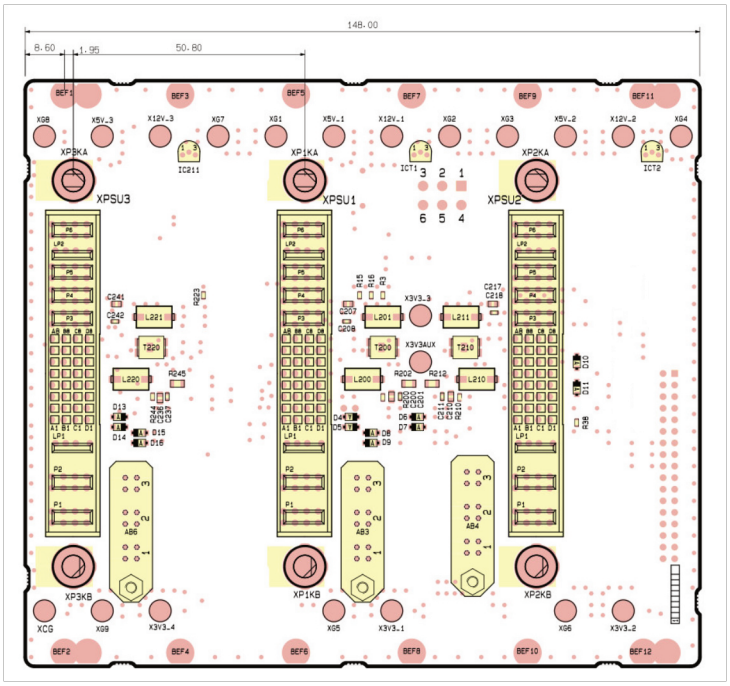


- **Order number: 2.H0003030**

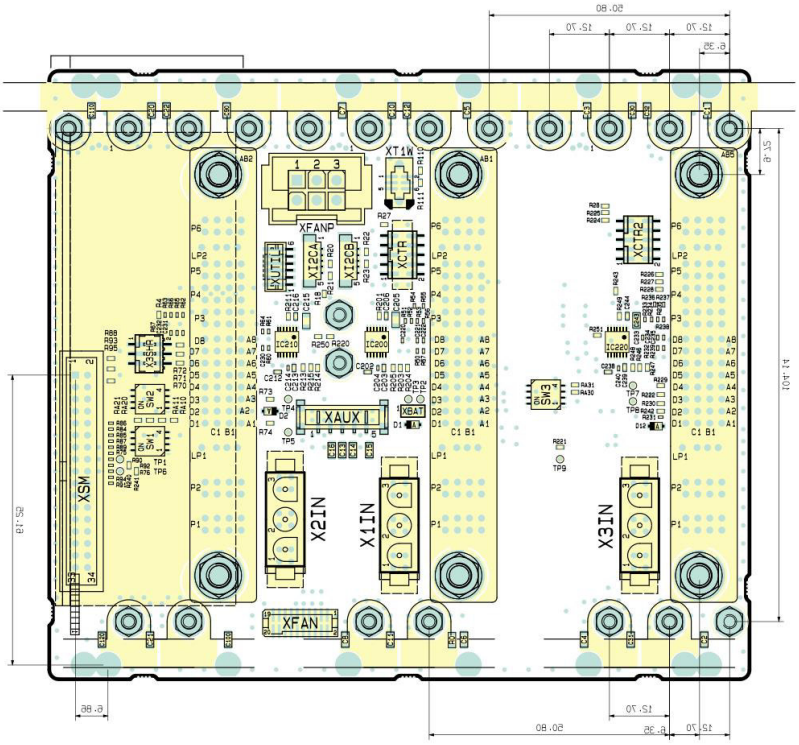
3U VPX Power BACKPLANE **3 Slot – AC Input Voltage**	**VITA 62**	

1) Drawings

Front side



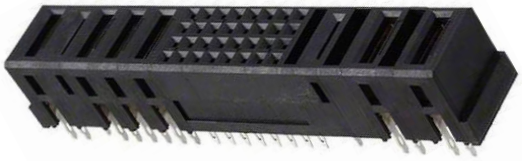
Back side

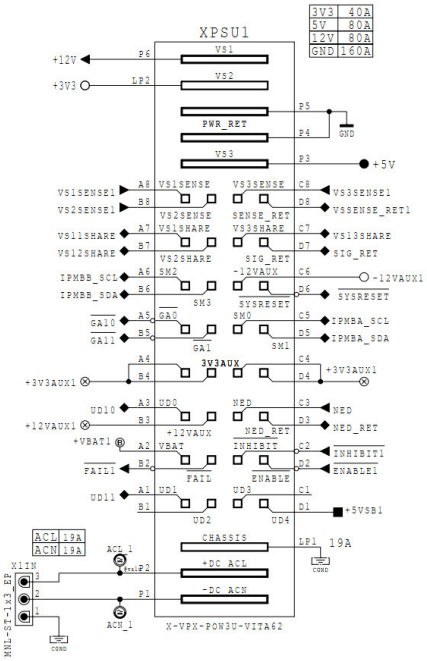


2) J0 Power Connector (XPSU)

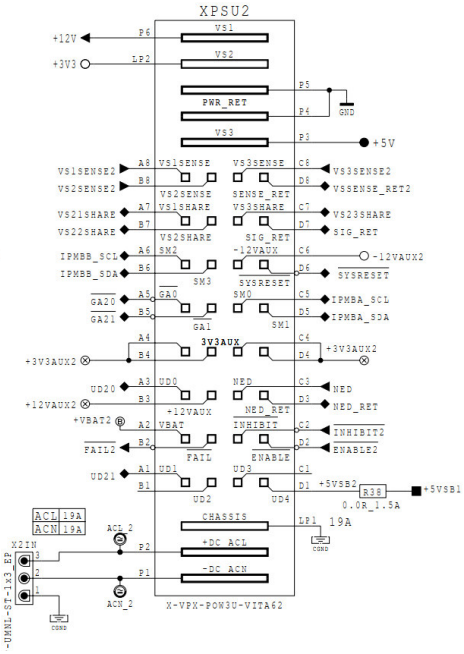
For 3U PSU Plug-In Modules according to VITA 62.0.

Connector Tyco 1-6450869-4

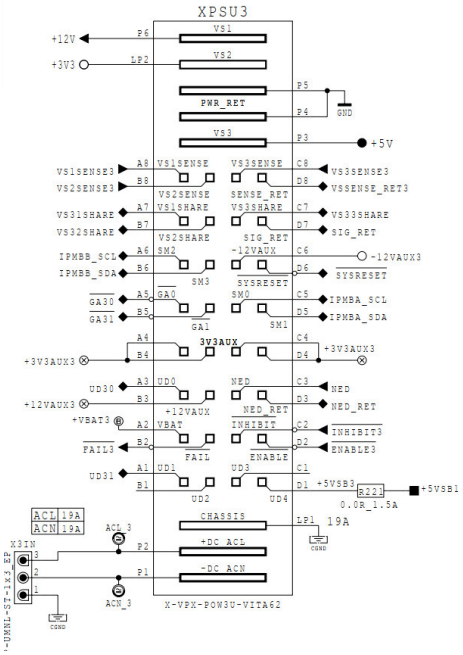




Connector 1



Connector 2



Connector 3

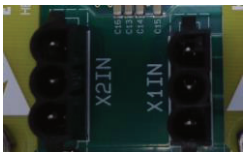
3) Power Input Connector (XIN)

3 Pin Mate-N-Lok Connector.

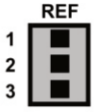
1: CASE GND

2, 3: Input voltage 36-500V (AC)

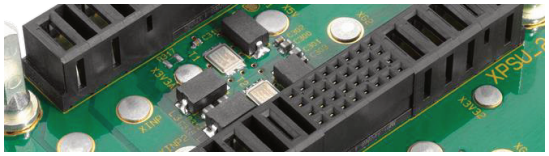
Three Connectors Tyco 173925-1



MaĊng with:
TE 1-480700-0



1	CASE GND
2	-Vin
3	+Vin



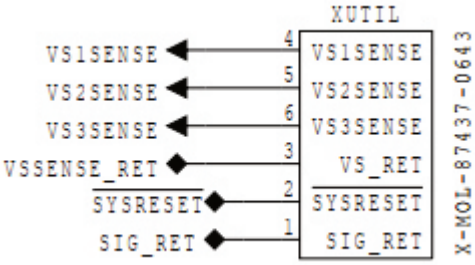
4) Current Capability:

- VS1: +12V 80 A
- VS2: +3.3V 40 A
- VS3: +5V 80 A
- +3.3V AUX 12 A
- +/- 12V AUX 3 A

5) UĨ lity

Special signals like sense signals for connecĊon to the power supply are at the connector XUTIL.

Connector Molex 87437-0643

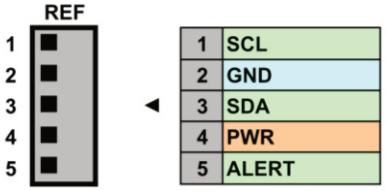


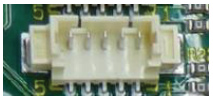
MaĊng with:
Pico-SPOX Wire-to-Board Housing 87439

6) IMPB(A+B) I²C Connector

1,3: Serial clock and data, IPMBA (SM0,SM1) of VPX
4: IPMB-Power is connected at VPX-Backplane
5: Not available from PSU

Connector Molex 53398-0571



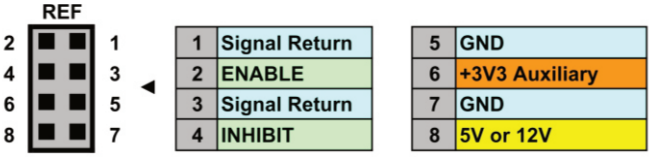


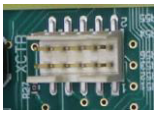
MaĊng with:
PicoBlade Cable Assembly 15134

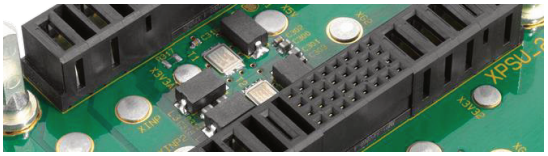
7) Connector for control of VPX Power Backplane (XCTR)

1,3: Return path for signals, grounded on VPX-Backplane
2: Enable PSU (in, L)
4: Inhibit PSU (in, L)

Two Connectors FCI 95615-010TRLF





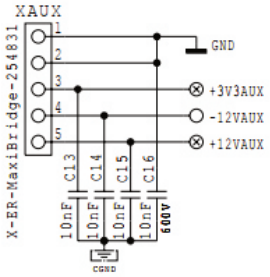


8) Connector for auxiliary voltages (XAUX)

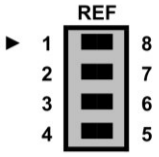
1: Auxiliary voltage ~ 3.0 V (2.55-3.5V, for setups, volaĊle memories etc.)

Connector Erni 254831

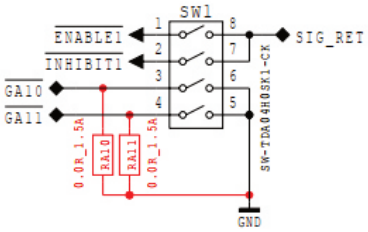
MaĊng with:
Erni 364226



9) Switch SW1, SW2, SW3



	OPEN	CLOSED
1-8	PSU ENABLE - ext. controlled	PSU enabled
2-7	PSU INHIBIT - ext. controlled	PSU inhibited
3-6	GA Bit 0 = 0	GA Bit 0 = 1
4-5	GA Bit 1 = 0	GA Bit 1 = 1

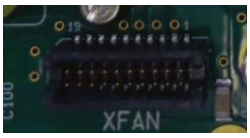


10) Connector Fans (XFAN)

1	+3V3
3	GND
5	1-Wire_RT
7	Fan_tacho_1
9	Fan_tacho_2
11	Fan_tacho_3
13	GND
15	Fan_tacho_4
17	Fan_tacho_5
19	Fan_tacho_6

2	+5V
4	GND
6	1-Wire
8	Fan PWMA
10	Fan PWMB
12	Fan PWMC
14	GND
16	Spare_1
18	Spare_2
20	Spare_3

Connector Samtec TFM-110-02-L-D-P

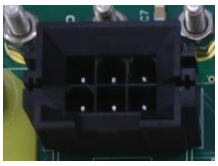


MaĊng with:
Samtec TFM-110-02-L-D-A-K-TR

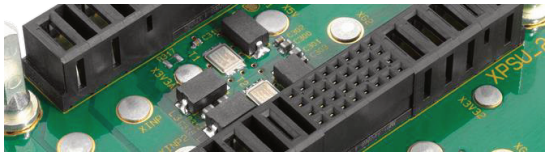
11) Power Connector Fans (XFANP)

1	GND
2	GND
3	GND
4	Fan_Power
5	Fan_Power
6	Fan_REG

Connector Molex 43879-0023



MaĊng with:
5557 Mini-Fit Jr. Receptacle Housing, 42385 Mini-Fit BMI Receptacle Header, Mini-Fit BMI Receptacle Housing 42474, 44516



12) Connector Shelfmanager (XSM)

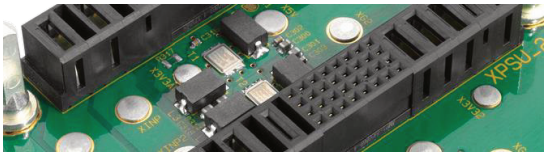
1	+5V STDBY	2	+5VMON	
3	+5V	4	+3V3MON	
5	ACFAIL	6	-12VMON	
7	SYSFAIL	8	+12VMON	
9	SYSRESET	10	GND	
11	Fan_PWM	12	I2C_SCL	
13	1-Wire-TSENSE	14	I2C_SDA	
15	DEG1	16	DEG2	
17	FAIL1	18	FAIL2	
19	ENABLE1	20	ENABLE2	
21	Fan_tacho_1	22	Fan_tacho_4	
23	Fan_tacho_2	24	Fan_tacho_5	
25	Fan_tacho_3	26	Fan_tacho_6	
27	12V Fan_supply	28	12V Fan_supply	
29	FANREG	30	FANREG	
31	GND	32	GND	
33	GND	34	GND	

Connector HarĊng
09185346329

For connecĊon with Shelfmanagers, such as the Hartmann Shelf-manager part num. 1H00004161

Germany

Hartmann Electronic GmbH
Phone: +49 711 13 98 90
Fax: +49 711 8 66 11 91
vertrieb.he@kontron.com
www.hartmann-electronic.com

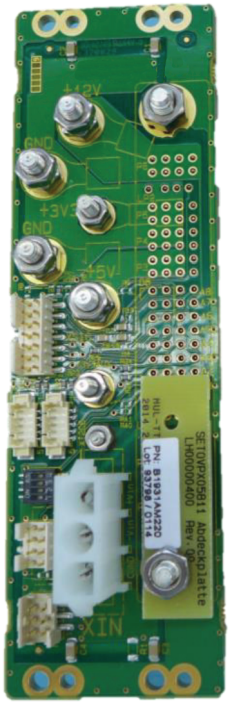
3U VPX Power BACKPLANE **1 Slot – AC Input Voltage**	**VITA 62**	

Key Features:

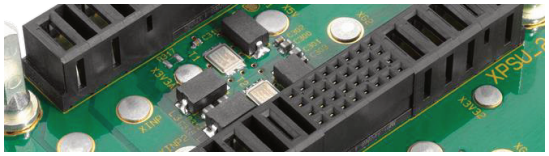
- Compliant to VITA 62 baseline specificaĊon
- 1 Slot 3U J0 Connector
- Input Voltage 85-265VAC
- Max Current 6A at 115V or 3A at 230V
- Max Output Power 680W (90% eff.)
- M4 studs for VS1/12V (max. 40A), VS3/5V (max. 40A) and GND (max. 80A)
- M3 studs for VS2/3.3V (max. 20A) and V_Aux/3.3V (max. 6A)
- PCB size 128.50mm x 38.92mm x 3.0 mm
- Fail, Reset and Sense signals
- Flexible keying and alignment mechanism
- Enable and Inhibit signals accesible
- System Management Interface on the backplane (I2CA, I2CB)
- CompaĊble to standard VPX 3U AC PSU, such as the Hartmann 600W AC Power Supply part num. D575.00646
- OperaĊng temperature: -40° - +85°C
- Storage temperature: -55°C - +85°C
- Flammability raĊng: UL94-V0
- Custom assembly or modificaĊon on request

Front side

Back side

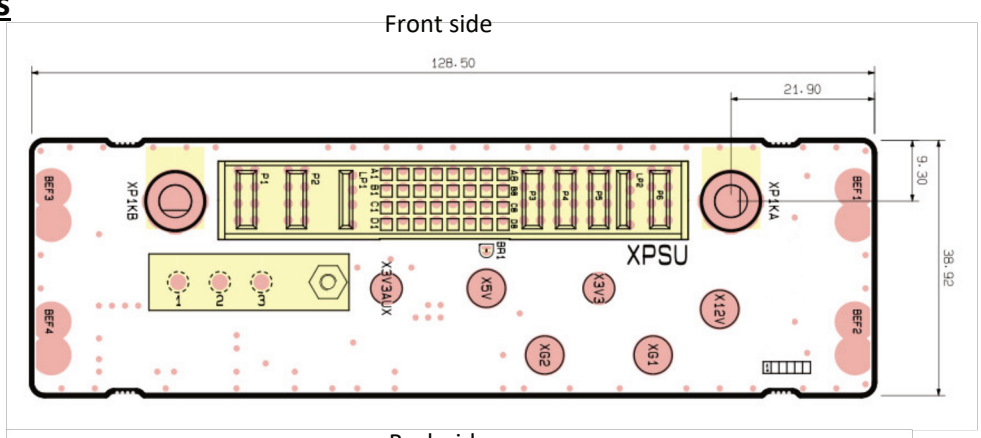


- **Order number: B1931AM220**

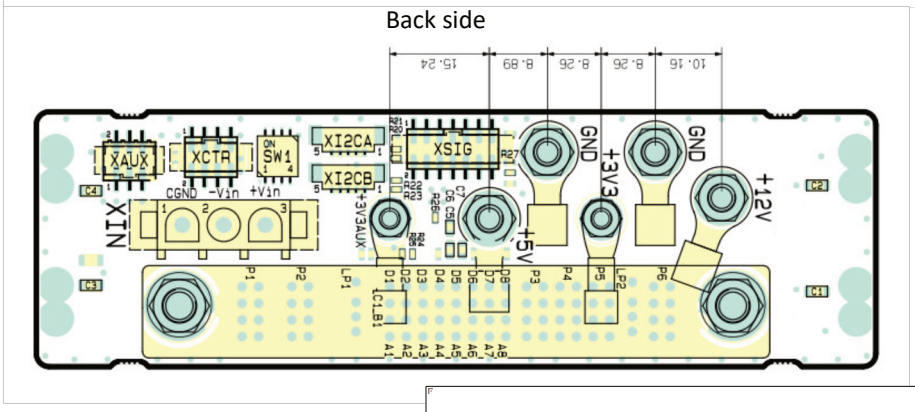
3U VPX Power BACKPLANE **1 Slot – AC Input Voltage**	**VITA 62**	

1) Drawings

Front side



Back side

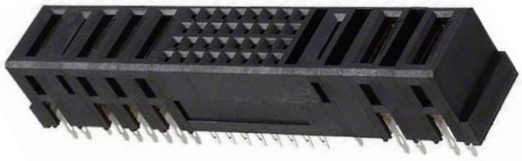


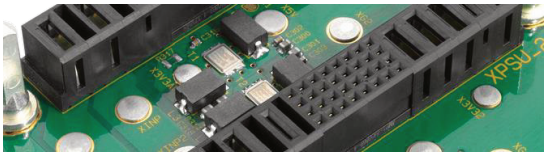
2) P0 Power Connector (XPSU)

For 3U PSU Plug-In Modules according to VITA 62.0 with 680W max power.

(R4, R6, R8, R9, R10 is opĊonal if sense lines cannot be connected)

Connector Tyco 1-6450869-4





3) Power Input Connector (XIN)

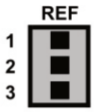
3 Pin Mate-N-Lok Connector.

1: CASE GND

2, 3: Input voltage 36-500V (AC)

Connector AMP 350429-1

MaĊng with:
TE 1586849-1



1	CASE GND
2	-Vin
3	+Vin

4) Current Capability:

▪ VS1: +12V	40 A
▪ VS2: +3.3V	20 A
▪ VS3: +5V	40 A
▪ +3.3V AUX	6 A
▪ +/- 12V AUX	1.5 A

5) Control Signals (Connector XSIG)

1,3: Return path for signals, grounded on VPX-Backplane

2: Failure in PSU (out, L)

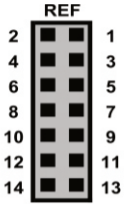
4: System Reset (in, L)

5,6: User defined signals - for future use

7,8: Nuclear event detection

10-14: Sense for voltage adjustment

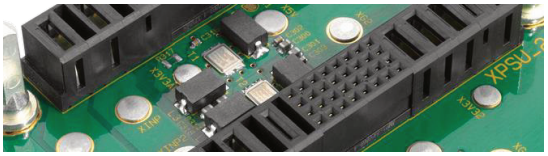
Connector FCI 95615-014TRLF



1	Signal Return
2	FAIL
3	Signal Return
4	SYSRESET
5	UD1
6	UD0
7	NED Return

8	NED
9	VS1 Sense Return
10	VS1 Sense
11	VS2 Sense Return
12	VS2 Sense
13	VS3 Sense Return
14	VS3 Sense

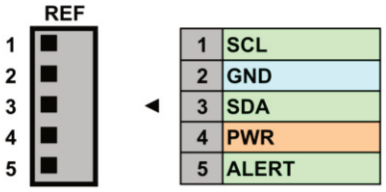
MaĊng with: VPX UĊlity Cable such as
Hartmann cable part number F006.04691



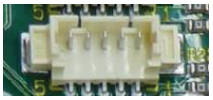
6) IMPB(A+B) I²C Connector

1,3: Serial clock and data, IPMBA (SM0,SM1) of VPX
4: IPMB-Power is connected at VPX-Backplane
5: Not available from PSU

Connector Molex 53398-0571



1	SCL
2	GND
3	SDA
4	PWR
5	ALERT

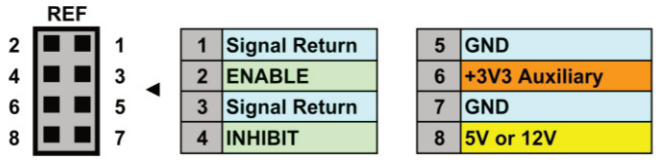


MaĊng with:
PicoBlade Cable
Assembly 15134

7) Connector for control of VPX Power Backplane (XCTR)

1,3: Return path for signals, grounded on VPX-Backplane
2: Enable PSU (in, L)
4: Inhibit PSU (in, L)

Connector FCI 95615-008LF



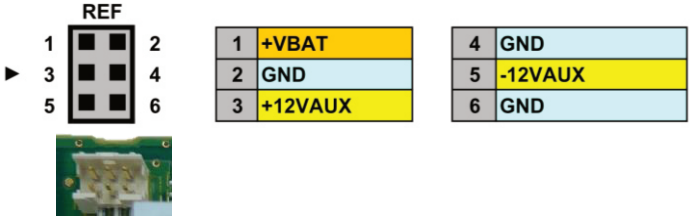
1	Signal Return
2	ENABLE
3	Signal Return
4	INHIBIT

5	GND
6	+3V3 Auxiliary
7	GND
8	5V or 12V

8) Connector for auxiliary voltages (XAUX)

1: Auxiliary voltage ~ 3.0 V (2.55-3.5V, for setups, volaĊle memories etc.)

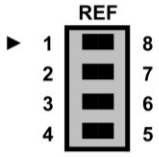
Connector FCI 98424-G52-06LF



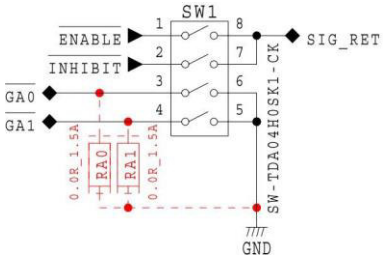
1	+VBAT
2	GND
3	+12VAUX

4	GND
5	-12VAUX
6	GND

9) Switch SW1



	OPEN	CLOSED
1-8	PSU ENABLE - ext. controlled	PSU enabled
2-7	PSU INHIBIT - ext. controlled	PSU inhibited
3-6	GA Bit 0 = 0	GA Bit 0 = 1
4-5	GA Bit 1 = 0	GA Bit 1 = 1



Germany

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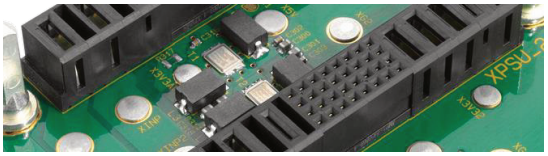
3U VPX Power BACKPLANE

1 Slot – DC Input Voltage

VITA 62



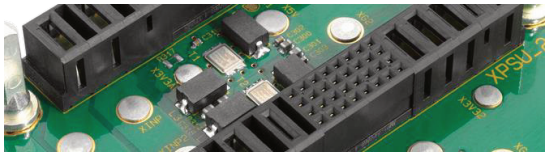
Key Features:

- Compliant to VITA 62 baseline specificaĊon
- 1 Slot 3U J0 Connector
- Low Input Voltage 18-36VDC
- Max Current 40A
- Max Output Power 680W (90% eff.)
- M4 studs for VS1/12V (max. 40A)
  VS3/5V (max. 40A) and GND (max. 80A)
- M3 studs for VS2/3.3V (max. 20A)
  and V_Aux/3.3V (max. 6A)
- PCB size 128.50mm x 38.92mm x 3.0 mm
- Fail, Reset and Sense signals
- Flexible keying and alignment mechanism
- Enable and Inhibit signals accesible
- System Management Interface on the backplane (I2CA, I2CB)
- CompaĊble to standard VPX 3U DC PSU, such as the
  Hartmann 715W DC Power Supply part num. D575.00701
- OperaĊng temperature: -40° - +85°C
- Storage temperature: -55°C - +85°C
- Flammability raĊng: UL94-V0
- Custom assembly or modificaĊon on request

Front side

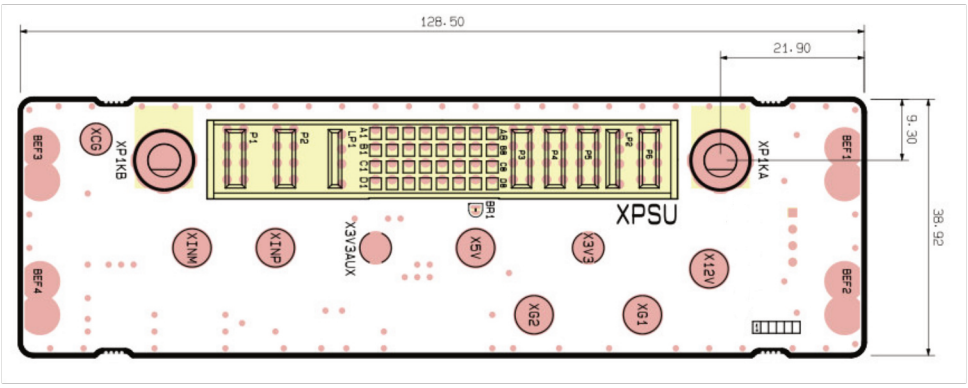
Back side

- **Order number: B1931D4221**

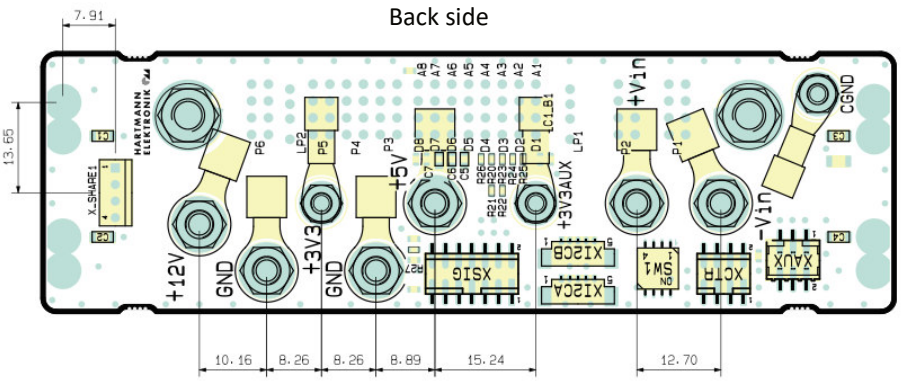
3U VPX Power BACKPLANE **1 Slot – DC Input Voltage**	**VITA 62**	

1) Drawings

Front side



Back side

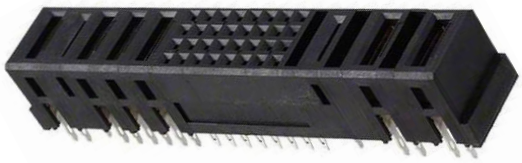


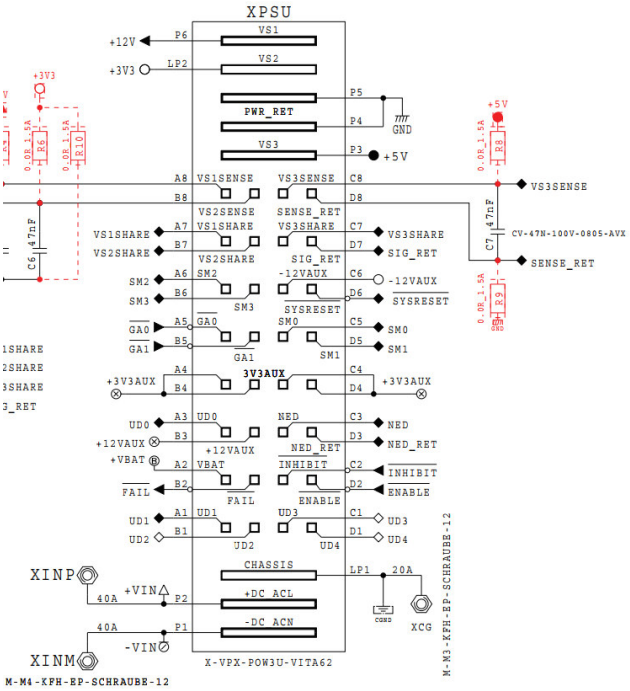
2) P0 Power Connector (XPSU)

For 3U PSU Plug-In Modules according to VITA 62.0 with 680W max power.

(R4, R6, R8, R9, R10 is opĊonal if sense lines cannot be connected)

Connector Tyco 1-6450869-4





3) Current Capability:

▪ VS1: +12V	40 A
▪ VS2: +3.3V	20 A
▪ VS3: +5V	40 A
▪ +3.3V AUX	6 A
▪ +/- 12V AUX	1.5 A

4) Control Signals (Connector XSIG)

1,3: Return path for signals, grounded on VPX-Backplane

2: Failure in PSU (out, L)

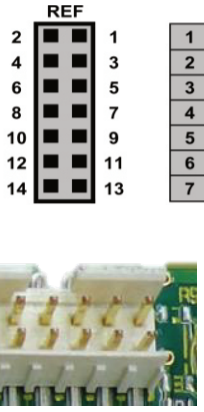
4: System Reset (in, L)

5,6: User defined signals - for future use

7,8: Nuclear event detecĊon

10-14: Sense for voltage adjustment

Connector FCI 95615-014TRLF



1	Signal Return
2	FAIL
3	Signal Return
4	SYSRESET
5	UD1
6	UD0
7	NED Return

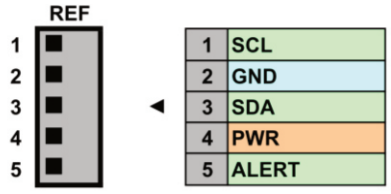
8	NED
9	VS1 Sense Return
10	VS1 Sense
11	VS2 Sense Return
12	VS2 Sense
13	VS3 Sense Return
14	VS3 Sense

MaĊng with: VPX UĊlity Cable such as
Hartmann cable part number F006.04691

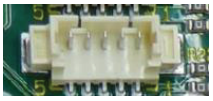
5) IMPB(A+B) I²C Connector

1,3: Serial clock and data, IPMBA (SM0,SM1) of VPX
4: IPMB-Power is connected at VPX-Backplane
5: Not available from PSU

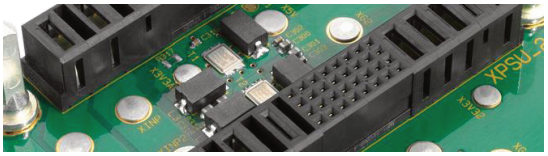
Connector Molex 53398-0571



1	SCL
2	GND
3	SDA
4	PWR
5	ALERT



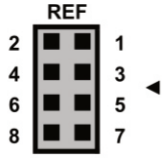
MaĊng with:
Molex 51021-0500
HE part number F006.01460



6) Connector for control of VPX Power Backplane (XCTR)

1,3: Return path for signals, grounded on VPX-Backplane
2: Enable PSU (in, L)
4: Inhibit PSU (in, L)

Connector FCI 95615-008LF

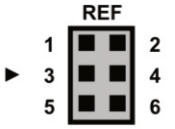


1	Signal Return	5	GND
2	ENABLE	6	+3V3 Auxiliary
3	Signal Return	7	GND
4	INHIBIT	8	5V or 12V

7) Connector for auxiliary voltages (XAUX)

1: Auxiliary voltage ~ 3.0 V (2.55-3.5V, for setups, volaĊle memories etc.)

Connector FCI 98424-G52-06LF

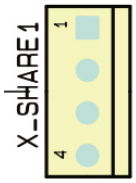


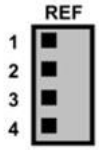
1	+VBAT	4	GND
2	GND	5	-12VAUX
3	+12VAUX	6	GND

8) Current share connector (X_SHARE1)

1, 2, 3: Current share for VS1-3 3U (12V / 3V3 / 5V)
6U (12V / 12V / 5V)

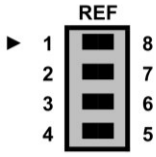
Connector Tyco 171825-4





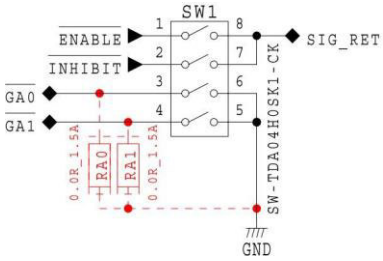
1	VS1SHARE
2	VS2SHARE
3	VS3SHARE
4	Signal Return

9) Switch SW1



	OPEN	CLOSED
1-8	PSU ENABLE - ext. controlled	PSU enabled
2-7	PSU INHIBIT - ext. controlled	PSU inhibited
3-6	GA Bit 0 = 0	GA Bit 0 = 1
4-5	GA Bit 1 = 0	GA Bit 1 = 1

(RA0, RA1 resistors are opĊonal for fixed geographic address)



Germany

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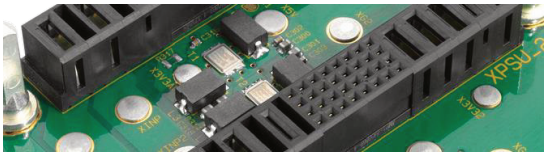
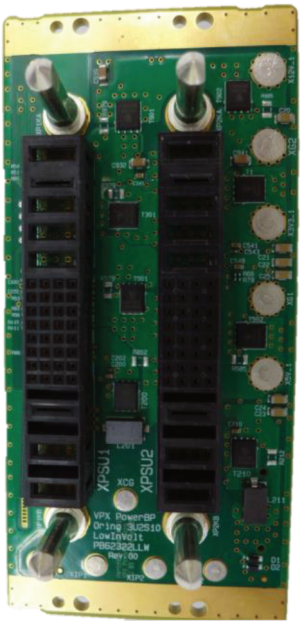
www.hartmann-electronic.com

3U VPX Power BACKPLANE **2 Slots – DC Input Voltage**	**VITA 62**	

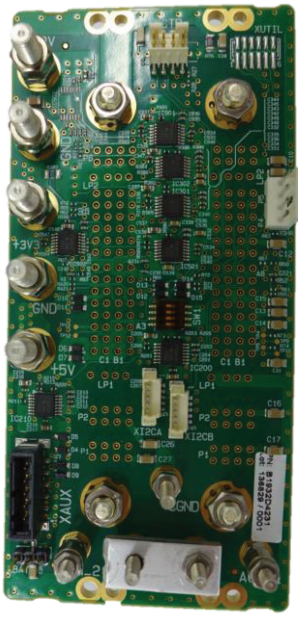
Key Features:

- Compliant to VITA 62 baseline specificaĊon
- 2 Slot 3U J0 Connector
- Input Voltage 18-36VDC
- Max. Input Current 40A per Slot
- M3 studs for VS1/12V (max. 80A), VS2/3.3V (max. 40A) VS3/5V (max. 80A) and GND (max. 110A)
- PCB size 128.50mm x 60.66mm x 3.4 mm
- OpĊmized for parallel use
- Fail, Reset and Sense signals
- Flexible keying and alignment mechanism
- Enable and Inhibit signals accesible
- System Management Interface on the backplane (I2CA, I2CB)
- CompaĊble to standard VPX 3U DC PSU, such as the Hartmann 400W DC Power Supply p/n D575.00720
- OperaĊng temperature: -40° - +85°C
- Storage temperature: -55°C - +85°C
- Flammability raĊng: UL94-V0
- Custom assembly or modificaĊon on request

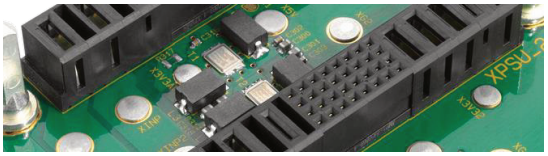
Front side



Back side

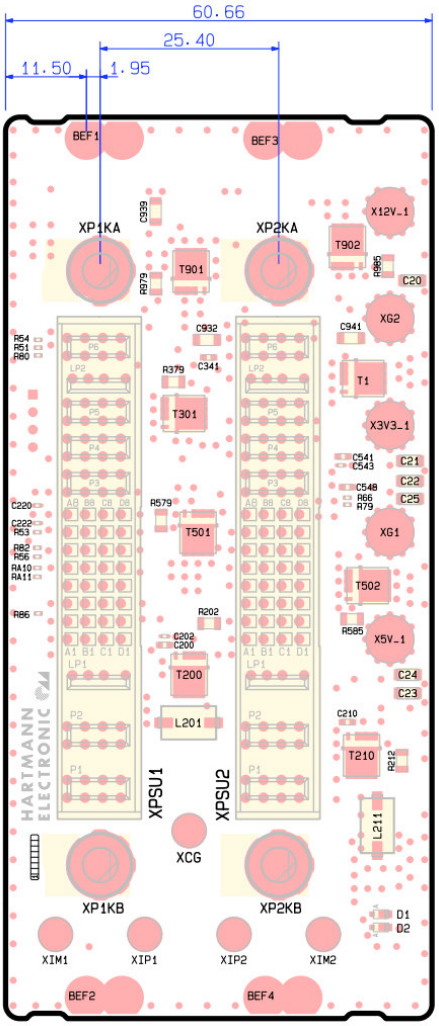


- **Order number: B1932D4231**

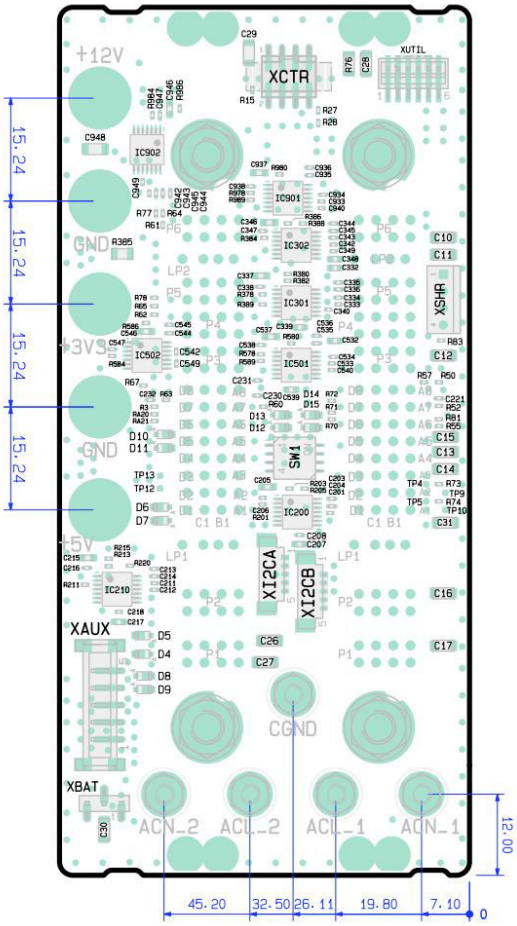
3U VPX Power BACKPLANE **2 Slots – DC Input Voltage**	**VITA 62**	

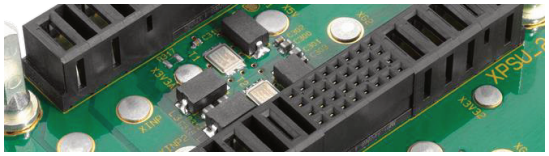
1) Drawings

Front side



Back side



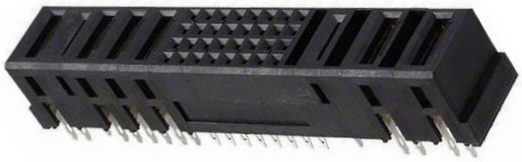


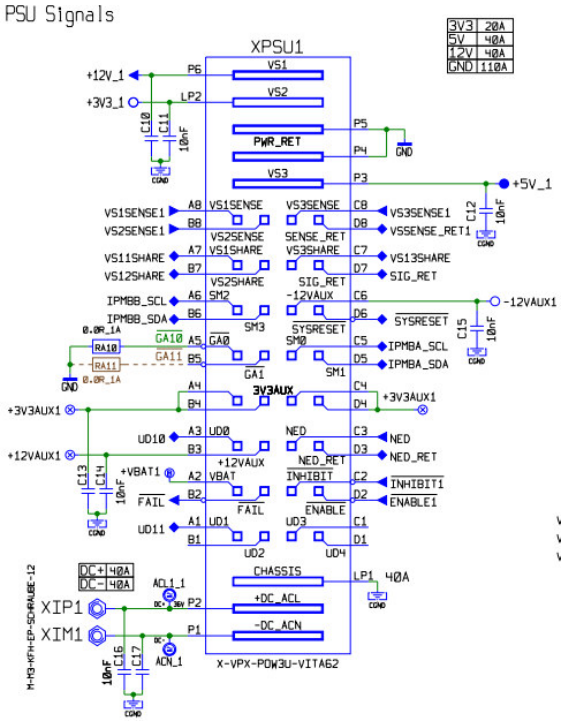
2) J0 Power Connector (XPSU)

For 3U PSU Plug-In Modules according to VITA 62.0.

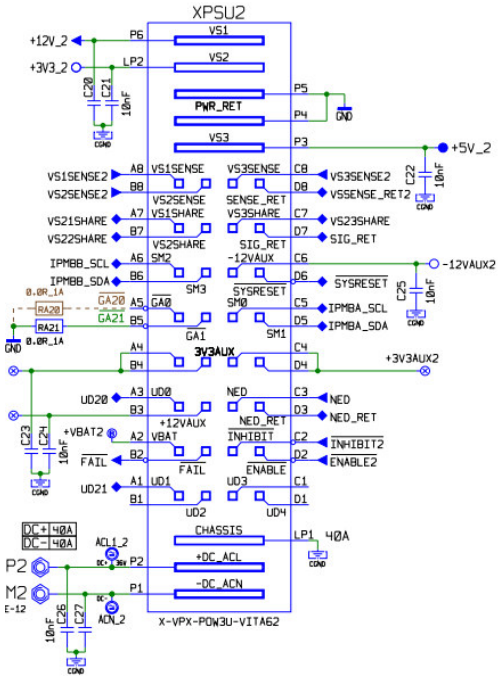
(R4, R6, R8, R9, R10 is opĊonal if sense lines cannot be connected)

Connector Tyco 1-6450869-4





Connector 1



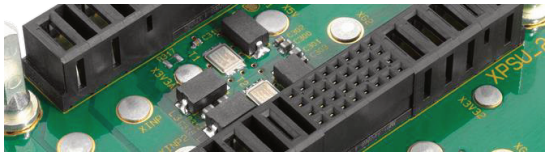
Connector 2

3) Power Input M3 studs

Slot 1: XIP1 = DC1 + and XIM1 = DC1 –

Slot 2: XIP2 = DC2 + and XIM2 = DC2 –

Max current 40A per stud



4) Current Capability:

▪ VS1: +12V	80 A
▪ VS2: +3.3V	40 A
▪ VS3: +5V	80 A
▪ +3.3V AUX	6 A
▪ +/- 12V AUX	2 A

5) Control Signals (Connector XUTIL)

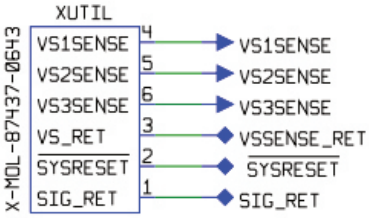
1: Return path for signals, grounded on VPX-Backplane

2: System Reset

3: Sense Return

4,5,6: VS1-, VS2, VS3-Sense

Connector Molex 87437-0643

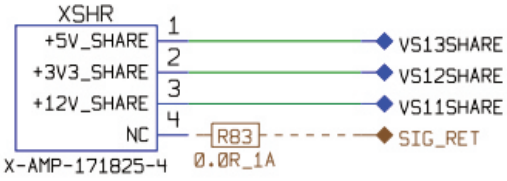


6) Current Share (Connector XSHR)

3, 2, 1: VS1-, VS2-, VS3-Share

4: Not connected

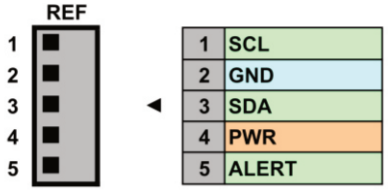
Connector TE ConnecĊvity 171825-4

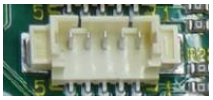


7) IMPB(A+B) I²C Connector

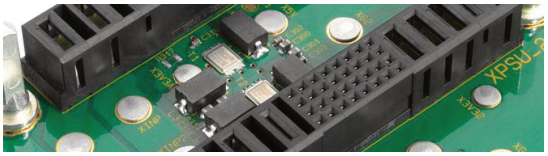
1,3: Serial clock and data, IPMBA (SM0,SM1) of VPX
4: IPMB-Power is connected at VPX-Backplane
5: Not available from PSU

Connector Molex 53398-0571





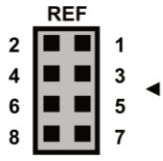
MaĊng with:
PicoBlade Cable
Assembly 15134



8) Connector for control of VPX Power Backplane (XCTR)

1,3: Return path for signals, grounded on VPX-Backplane
2: Enable PSU (in, L)
4: Inhibit PSU (in, L)

Connector FCI 95615-008LF



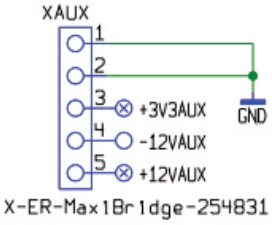
1	Signal Return
2	ENABLE
3	Signal Return
4	INHIBIT

5	GND
6	+3V3 Auxiliary
7	GND
8	5V or 12V

9) Connector for auxiliary voltages (XAUX)

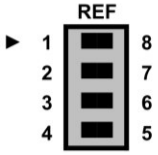
1: Auxiliary voltage ~ 3.0 V (2.55-3.5V, for setups, volaĊle memories etc.)

Connector Erni 254831

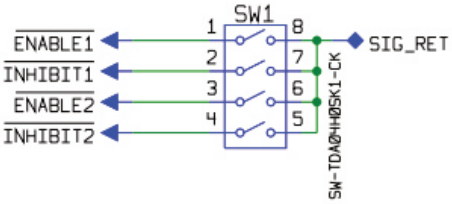


MaĊng with:
Erni 364226

10) Switch SW1



	OPEN	CLOSED
1-8	PSU ENABLE - ext. controlled	PSU enabled
2-7	PSU INHIBIT - ext. controlled	PSU inhibited
3-6	GA Bit 0 = 0	GA Bit 0 = 1
4-5	GA Bit 1 = 0	GA Bit 1 = 1



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