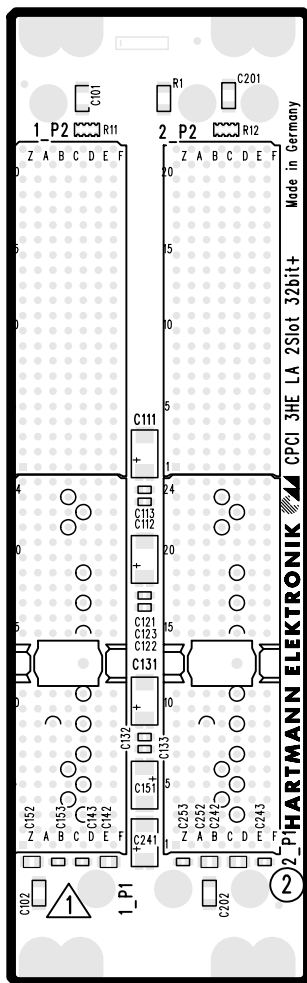


All rights reserved



Coding Key	
V(I/O)	
+3.3V	+5V
Cadmium Yellow	Brilliant Blue

Hartmann Elektronik
CPCI 3HE LA 2Slot 32bit+
BUS752 Rev.BB

Silkscreen Top
Pads Top

				2007	Date	Name	Title Hartmann Elektronik CPCI 3HE LA 2Slot 32bit+ BUS752 Rev.BB		
				Author	13.02.	Wiedmann			
				Check	13.02.	Wiedmann			
				DIN A4 M 1:1					
				 HARTMANN ELEKTRONIK MOTORSTRASSE 43 D-70499 STUTTGART			Number		Sheet
									Device: HE-C33LA02---4
Rev	Description	Date	Name						

All rights reserved

A

B

C

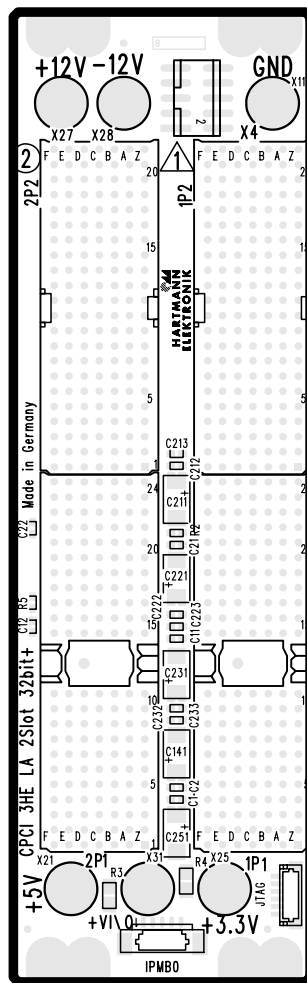
D

A

B

C

D



X4 Pin Assignment

Pin	Signal	Pin	Signal
1	PRST-	2	FAL-
3	DEG-	4	+3.3V-Sense
5	+3.3V	6	GND-Sense (+3.3V)
7	+5V	8	+5V-Sense
9	GND	10	GND-Sense (+5V)

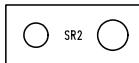
IPMB0

Pin	Signal
1	IPMB_SCL
2	GND
3	IPMB_SDA
4	IPMB_PWR
5	SMB_RSV

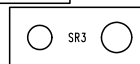
JTAG

Pin	Signal
1	GND
2	TCK
3	TMS
4	TRST-
5	TDI
6	TDO

Busbar V(I/O) = 5V



Busbar V(I/O) = 3.3V

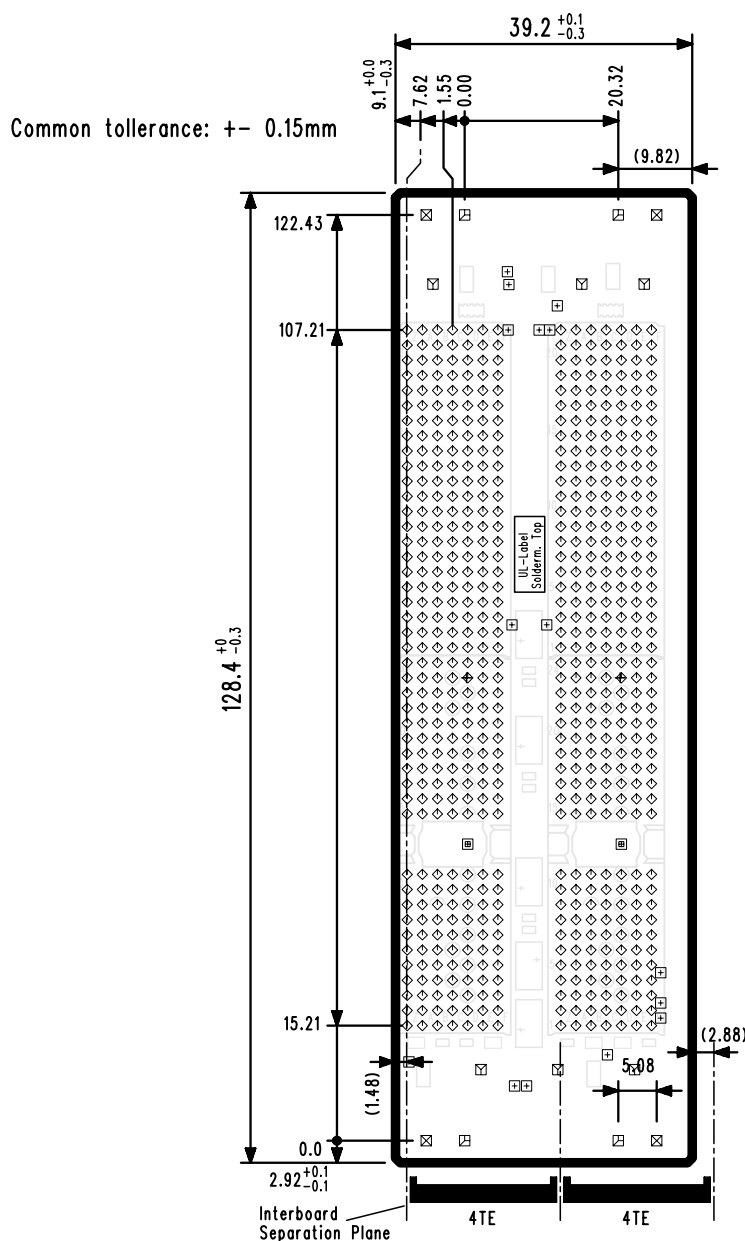


Hartmann Elektronik
CPCI 3HE LA 2Slot 32bit+
Rev.BB

Silkscreen Bottom
Pads Bottom

				2007	Date	Name	Title Hartmann Elektronik CPCI 3HE LA 2Slot 32bit+ BUS752 Rev.BB	
				Author	13.02.	Wiedmann		
				Check	13.02.	Wiedmann		
						DIN A4 M 1:1	Number	
						HARTMANN ELEKTRONIK MOTORSTRASSE 43 D-70499 STUTTGART		
Rev	Description	Date	Name	Device: HE-C33LA02---4				Sheet of
				File: BUS752BB				

All rights reserved

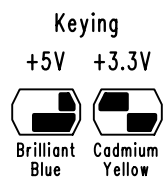
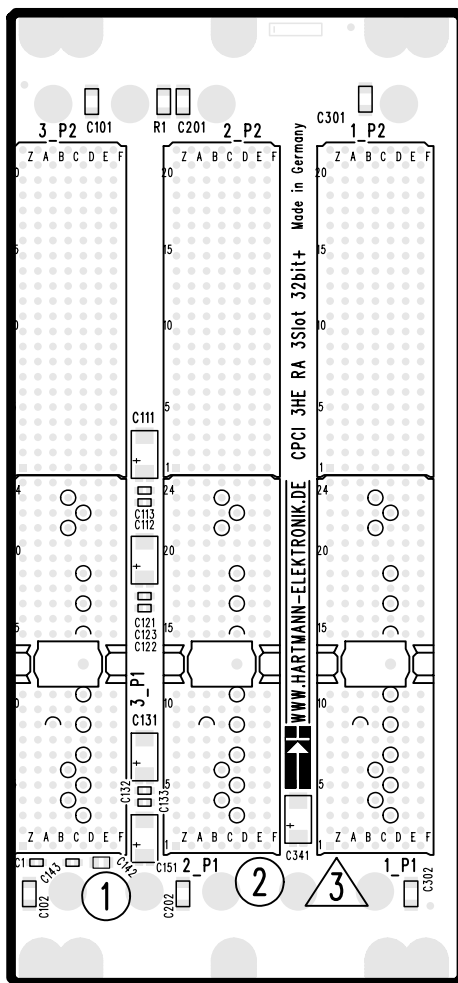


Hartmann Elektronik
CPCI 3HE LA 2Slot 32bit+
BUS752 Rev.BB

				2007	Date	Name	Title Hartmann Elektronik CPCI 3HE LA 2Slot 32bit+ BUS752 Rev.BB		
				Author	13.02.	Wiedmann			
				Check	13.02.	Wiedmann			
				DIN A4 M 1:1					
				 HARTMANN ELEKTRONIK MOTORSTRASSE 43 D-70499 STUTTGART			Number		Sheet
									Device: HE-C33LA02---4
Rev	Description	Date	Name						

All rights reserved

TOP VIEW



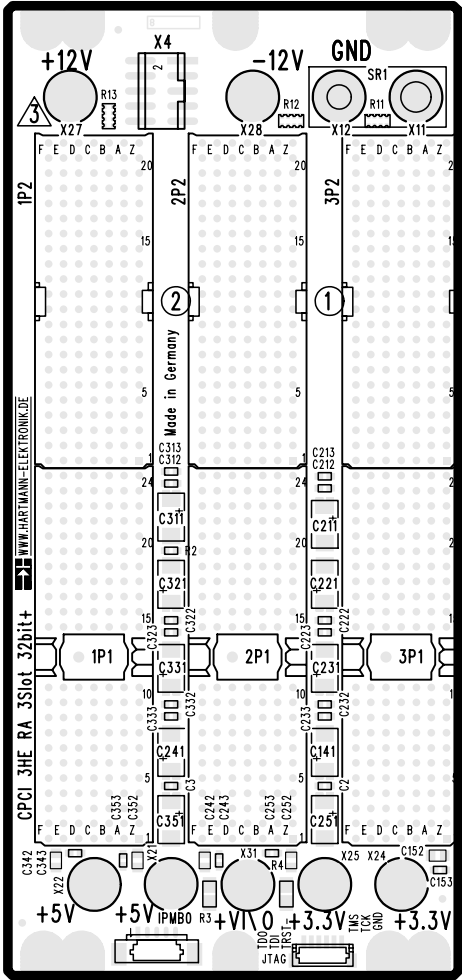
Hartmann Elektronik
CPCI 3HE RA 3Slot 32bit+
BUS675 Rev.BA

Silkscreen Top
Pads Top

				2000	Date	Name	Title Hartmann Elektronik CPCI 3HE RA 3Slot 32bit+ BUS675 Rev.BA				
				Author	30.11.	Hamann					
				Check	30.11.	Hamann					
				DIN A4 M 1:1							
				 HARTMANN ELEKTRONIK MOTORSTRASSE 43 D-70499 STUTTGART			Number		Sheet		
									of		
Rev	Description	Date	Name						Device: HE-C33RA035--4		File: BUS675BA

Without geographic addressing on request

BOTTOM VIEW



Shrouds
IP1 - 3P1
on request

Busbar for +5V keying

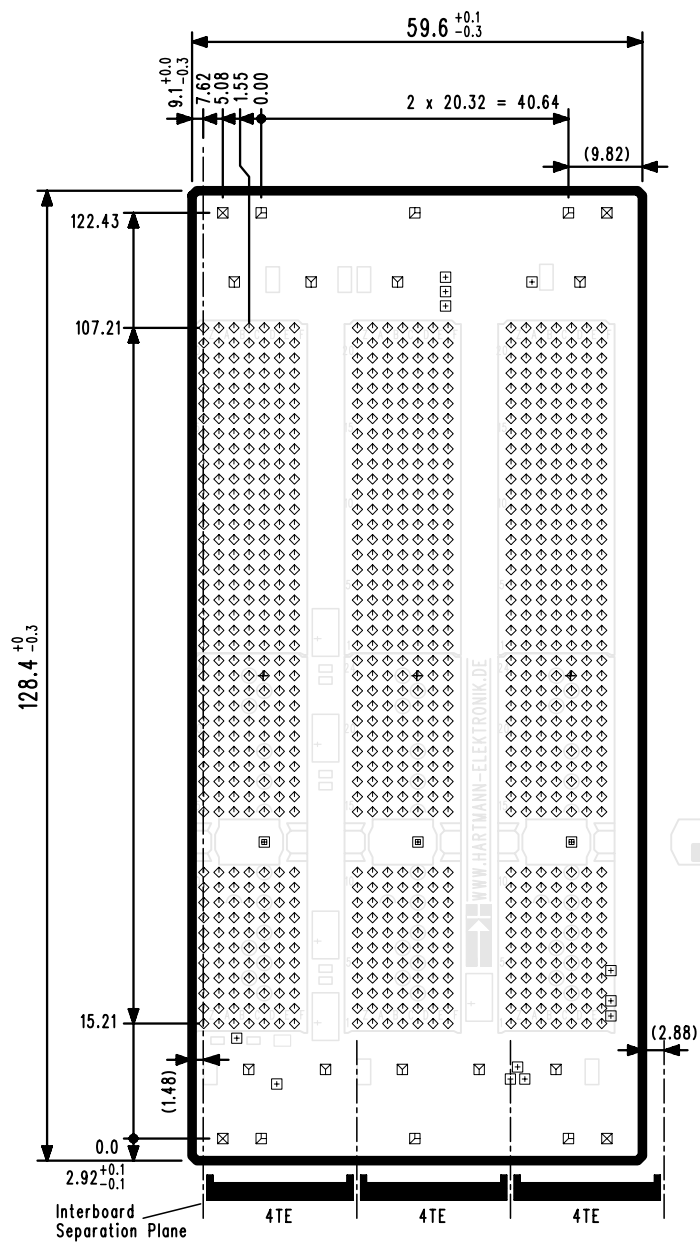
Busbar for +3.3V keying

Hartmann Elektronik
CPCI 3HE RA 3Slot 32bit+
Rev.BA

Silkscreen Bottom
Pads Bottom

				2000	Date	Name	Title Hartmann Elektronik CPCI 3HE RA 3Slot 32bit+ BUS675 Rev.BA			
				Author	30.11.	Hamann				
				Check	30.11.	Hamann				
				DIN A4 M 1:1			Number Sheet of			
				 HARTMANN ELEKTRONIK MOTORSTRASSE 43 D-70499 STUTT GART						
Rev	Description	Date	Name				Device:	HE-C33RA035--4	File:	BUS675BA

All rights reserved



Hartmann Elektronik
CPCI 3HE RA 3Slot 32bit+
BUS675 Rev.BA

				2000	Date	Name	Title Hartmann Elektronik CPCI 3HE RA 3Slot 32bit+ BUS675 Rev.BA		
				Author	30.11.	Hamann			
				Check	30.11.	Hamann			
				DIN A4					
				M 1:1					
				 HARTMANN ELEKTRONIK MOTORSTRASSE 43 D-70499 STUTTGART			Number		Sheet
									of
Rev	Description	Date	Name				Device:		HE-C33RA035--4

Pin	Signal
1	GND
2	TCK
3	TMS
4	TRST-
5	TDI
6	TDO

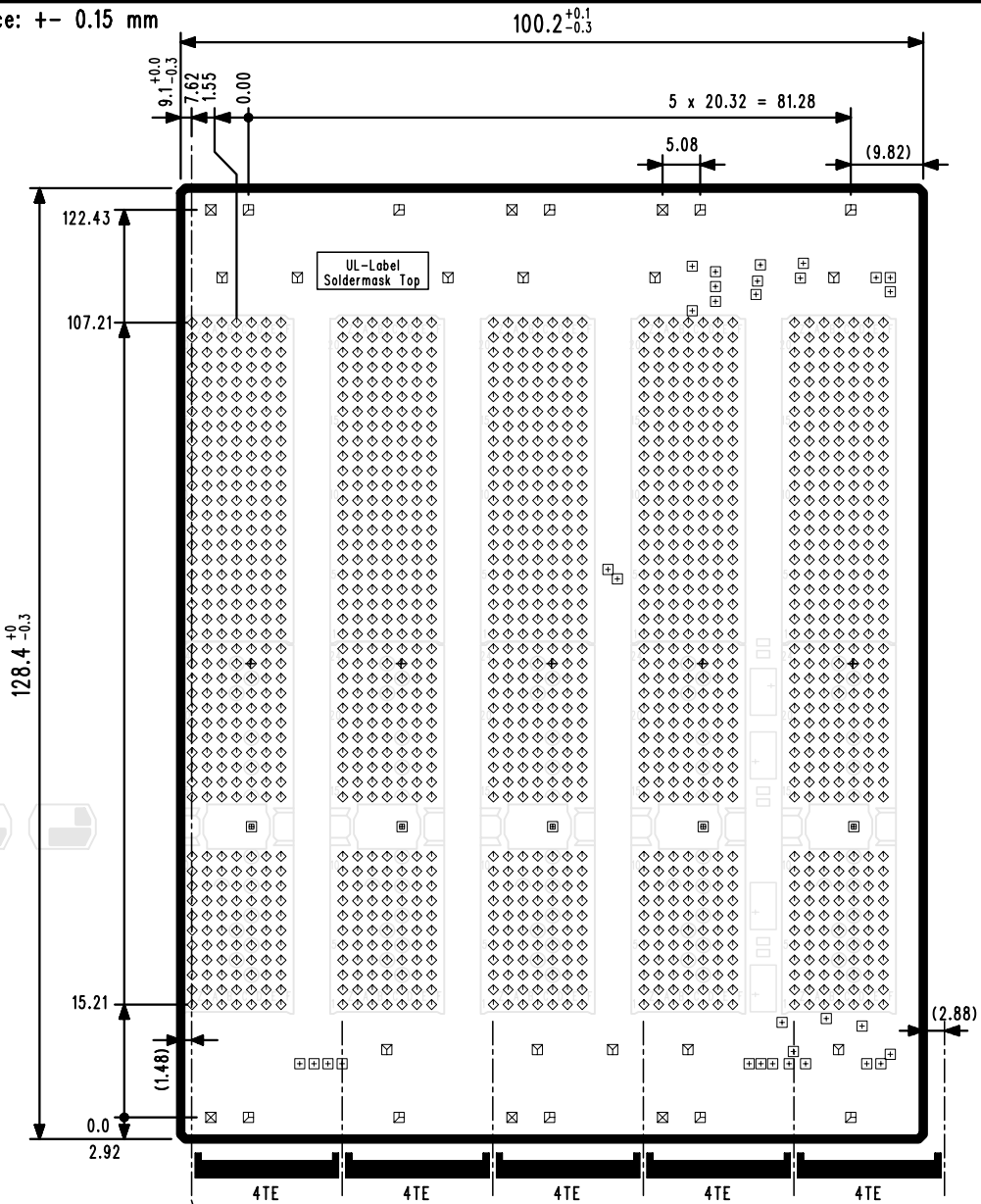
Pin	Signal
1	IPMB_SCL
2	GND
3	IPMB_SDA
4	IPMB_PWR
5	SMB_RSV

Busbar V(I/O) = 5V

BU2751 Rev.BA
CPCI 3HE LA 32bit+
Hartmann Elektronik

Silkscreen Bottom	Pads Bottom
	

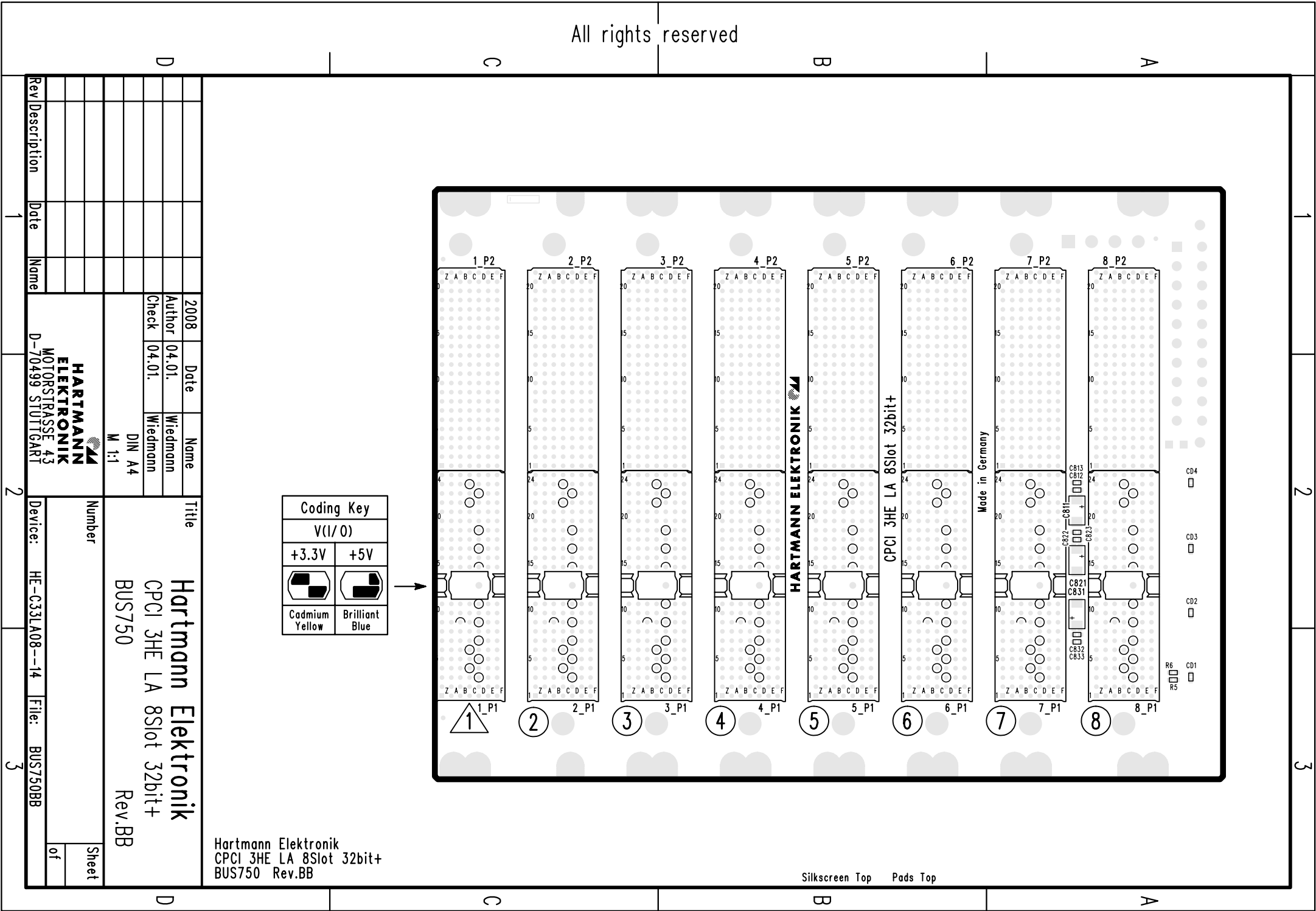
All rights reserved



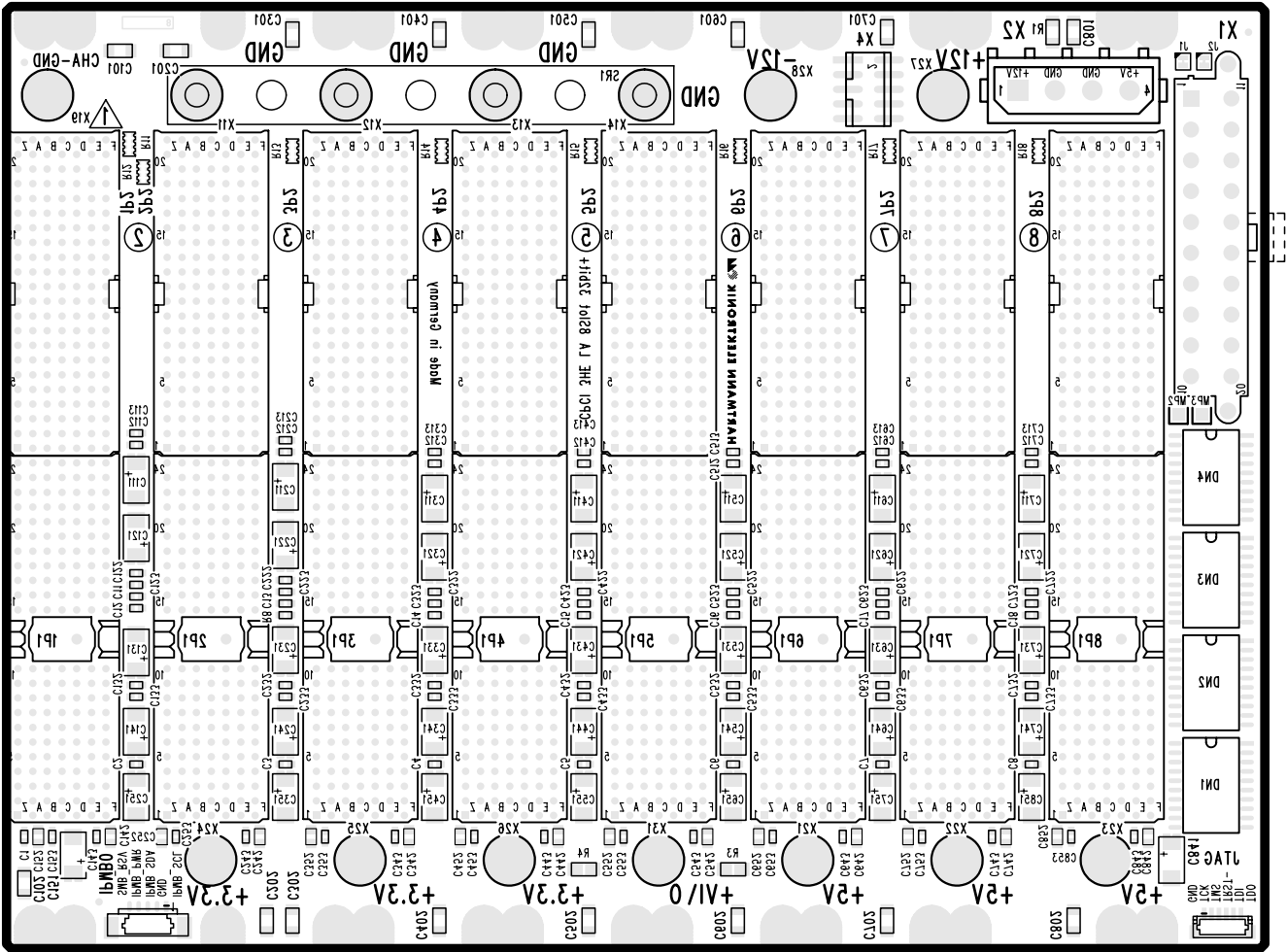
Common tollerance: +- 0.15 mm

Hartmann Elektronik
CPCI 3HE LA 5Slot 32bit+
BUS751 Rev.BA

Rev		Description	Date	Name	2006		Date	Name	Title	
1					Author	22.05.	Wiedmann	HARTMANN ELEKTRONIK MOTORSTRASSE 43 D-70499 STUTTGART	Number	Hartmann Elektronik CPCI 3HE LA 5Slot 32bit+ BUS751 Rev.BA
					Check	22.05.	Wiedmann			
									Sheet	
									of	
									Device:	HE-C33LA05--14
									File:	BUS751BA

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

Pin Assignment	
1	GND
2	IO1
3	IO2
4	IO3
5	IO4
6	IO5



Pin Assignment	
1	GND
2	IO1
3	IO2
4	IO3
5	IO4
6	IO5

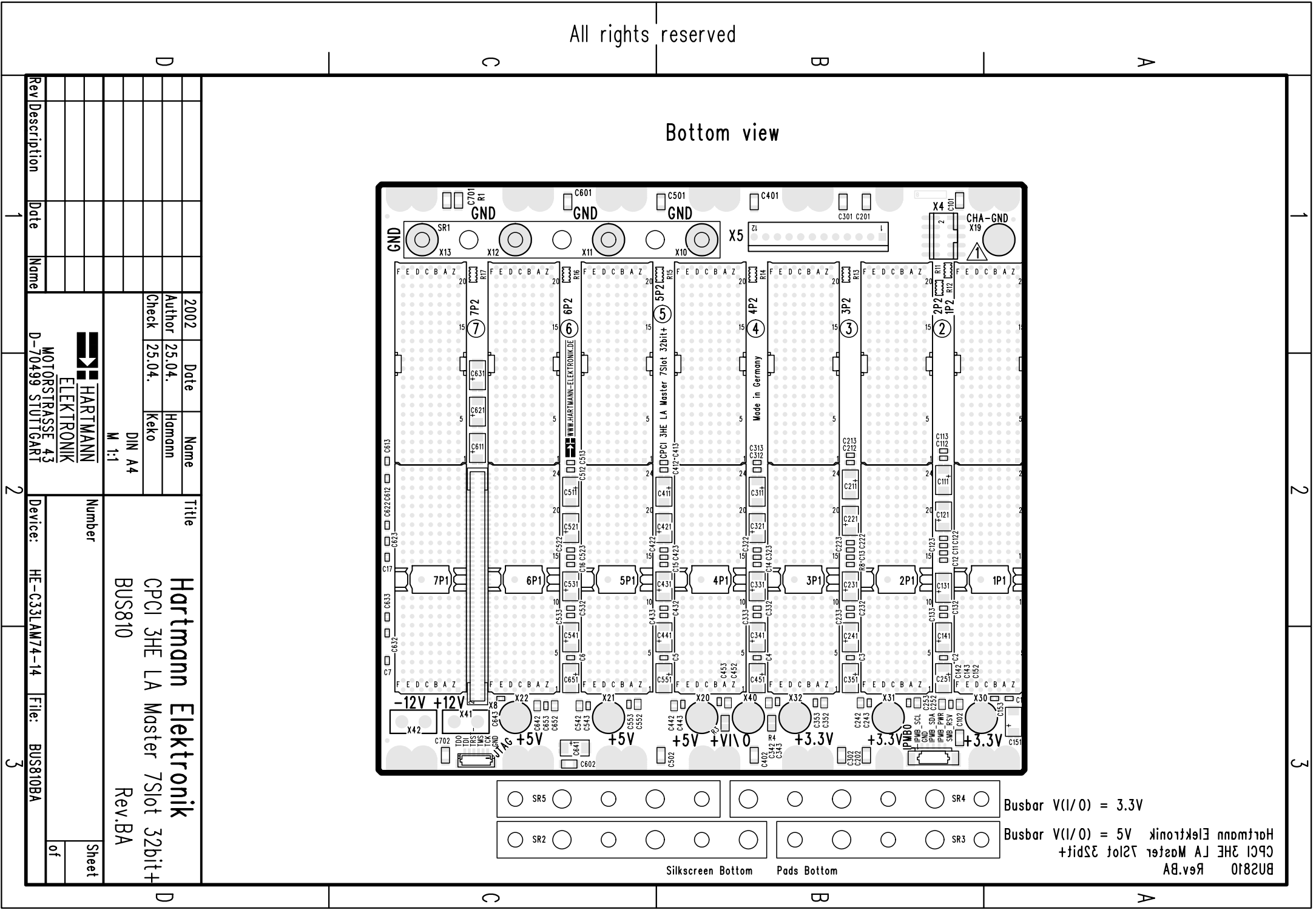
Pin Assignment	
1	GND
2	IO1
3	IO2
4	IO3
5	IO4
6	IO5

Buspar V(I\O) = 3.3V

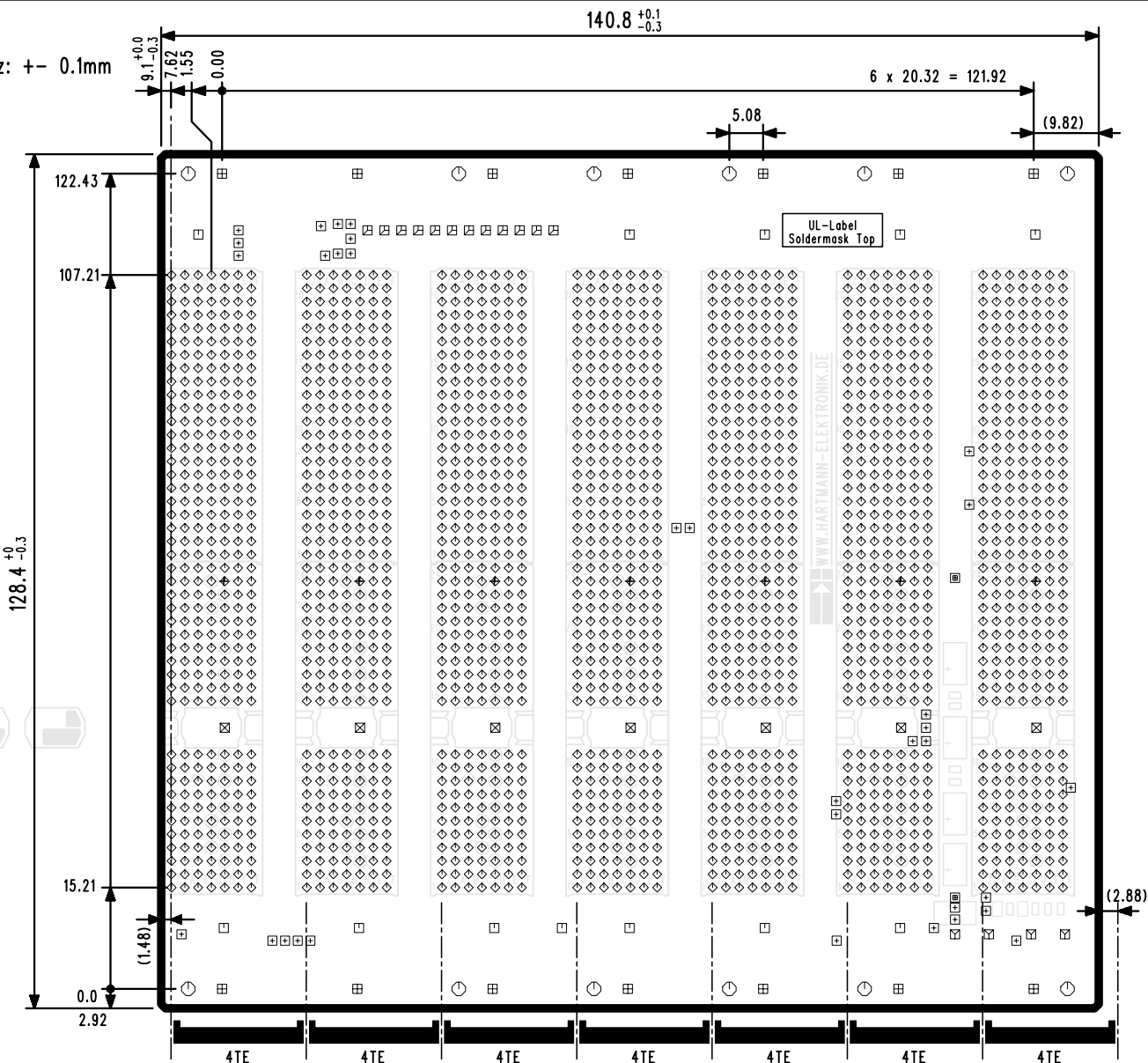
Buspar V(I\O) = 2V

Hartmann Elektronik
CPCI 3HE LA 8Slot 32bit+
BUS750 Rev.BB

Title		Number	
Hartmann Elektronik		CPCI 3HE LA 8Slot 32bit+	
BUS750		Rev.BB	
2008		Date	
Author		Wiedmann	
Check		Wiedmann	
DIN A4		M 1:1	
HARTMANN ELEKTRONIK		MOTORSTRASSE 43	
D-70499 STUTTGART		Device: HE-C33LA08--14	
Rev Description		File: BUS750BB	
Date		Sheet	
Name		of	

[illegible][illegible][illegible][illegible][illegible]

Allgemeintoleranz: +- 0.1mm



Hartmann Elektronik
CPCI 3HE LA Master 7Slot 32bit+
BUS810 Rev.BA

						Title Hartmann Elektronik CPCI 3HE LA Master 7Slot 32bit+ BUS810 Rev.BA				
				2002	Date		Name			
				Author	25.04.		Hamann			
				Check	25.04.		Keko			
						DIN A4				
						M 1:1				
				 HARTMANN ELEKTRONIK			Number			
				MOTORSTRASSE 43						
				D-70499 STUTTGART						
Rev	Description	Date	Name				Device:	HE-C3SLAM74-14	File:	BUS810BA

Silkscreen Top Pads Top

Title
Hartmann Elektronik
CPCL 3HE LA Slave 7Slot 32bit+
BUS811 Rev.BA

Sheet	
of	

3

