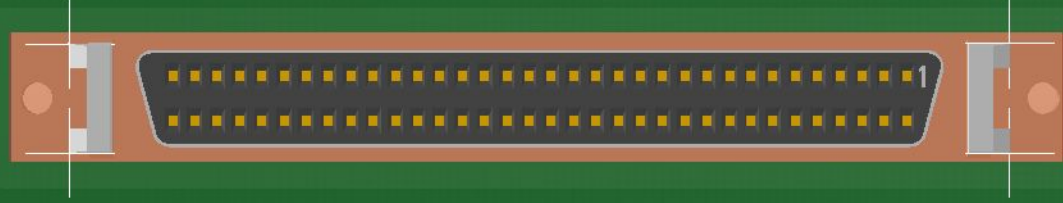




ARTIQ



Zotino 32x  
16Bit DAC



USER LEDs



v1.1



ARTIQ

Sampler  
8x 1MS/s 16Bit ADC

PWR ● ● Mode

IN0 IN1  
TERM ● 0 ● 1

IN2 IN3  
TERM ● 2 ● 3

IN4 IN5  
TERM ● 4 ● 5

IN6 IN7  
TERM ● 6 ● 7



v2.0



ARTIQ

DIO-BNC  
8x TTL IO

OUT IN  
IO 0-3

I00

I01

TERM 0 0 1

I02

I03

TERM 2 2 3

I04

I05

TERM 4 4 5

I06

I07

TERM 6 6 7

OUT IN  
IO 4-7

v1.2



ARTIO

DIO-RJ45  
16x LVDS

Direction	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
N	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ON=INPUT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Only shielded connector and cables

CH 0..3

CH 4..7

CH 8..11

CH 12..15



v1.2



ARTIO



VHDCI 8X EEM  
Controller



EEM 4..7

EEM 0..3



Poower 12V 5A



v1.2



ARTIO

DIO-Tester  
8x LVTTL

0 1 2 3

Outputs enabled

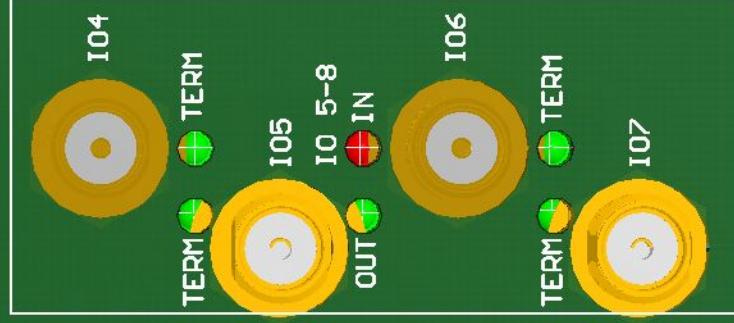
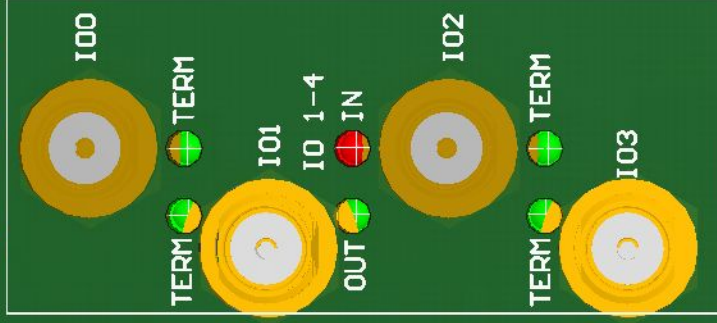
34	33
GND	GND
GND	IN0
00	GND
IN1	OUT1
GND	IN2
02	GND
IN3	OUT3
GND	IN4
04	GND
IN5	OUT5
GND	IN6
06	GND
IN7	OUT7
GND	3V3
3V3	SDA
SCL	GND
GND	GND
2	1

4 5 6 7

Outputs enabled

DC IN/OUT 12V

v1.1

SMA-DIO  
8x TTL IO

v1.1





ARTIQ

Clocker  
Fanout buffer



OUT0



OUT1



OUT2



OUT3

CLK  
IN



PWR {EXT  
{CLK

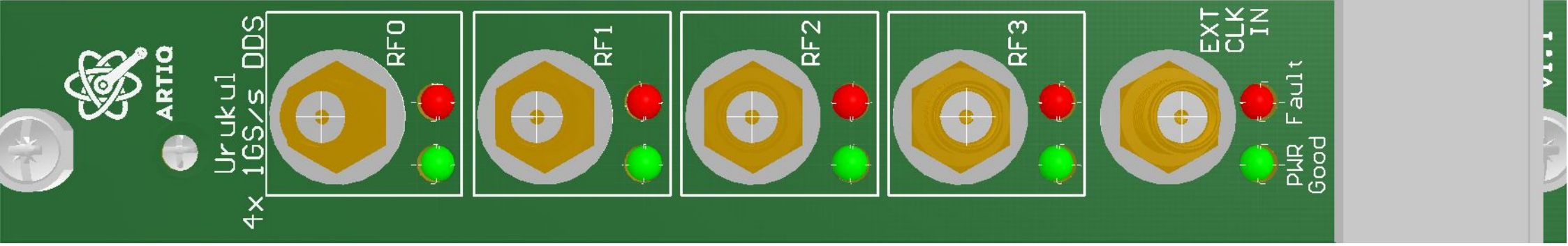


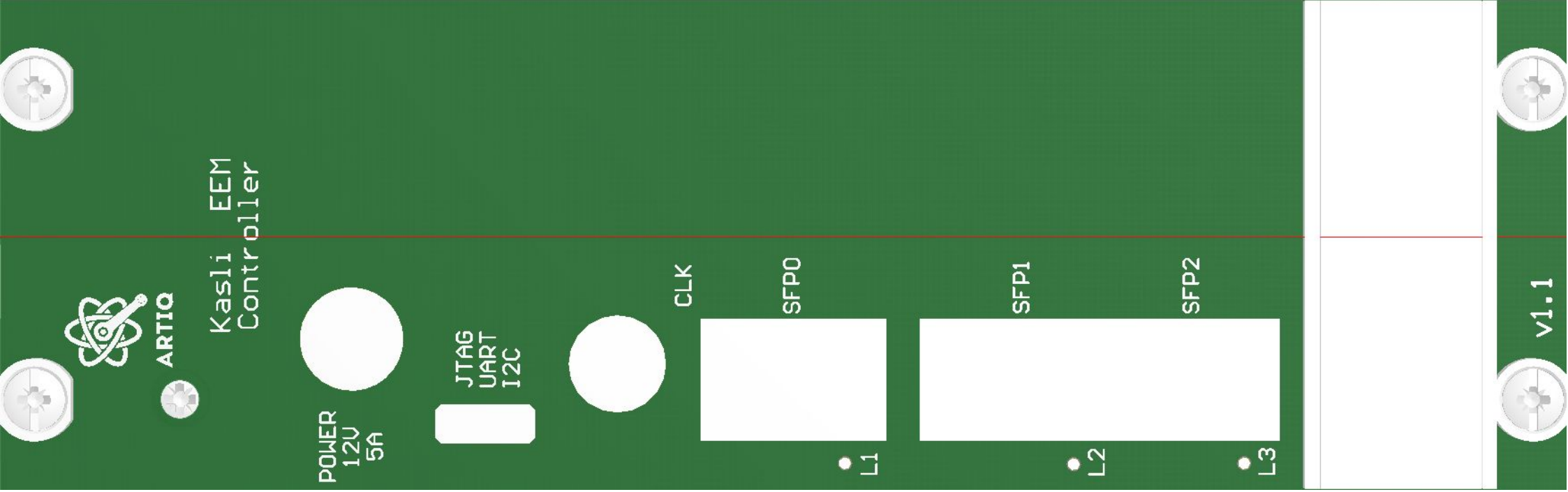
PWR  
12V  
0.2A



v1.0



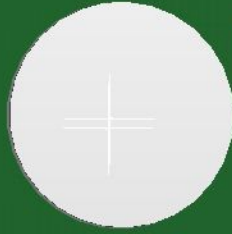




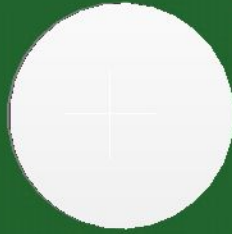


ARTIQ

IDC-BNC ADAPTER



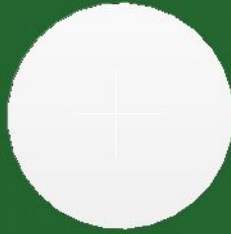
I00



I01



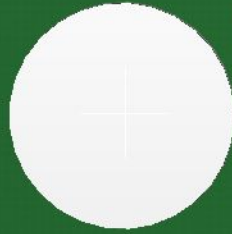
I02



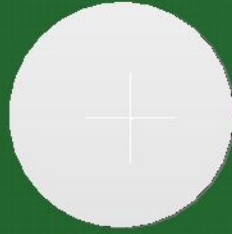
I03



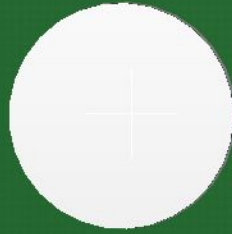
I04



I05



I06

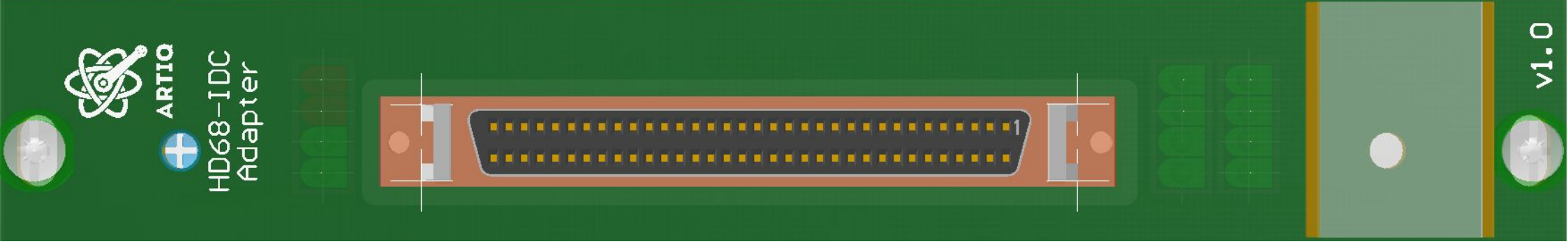


I07



v1.0







ARTIQ



Gr abber  
Camera Link  
Input



BASE



MEDIUM



v1.0