



ARTIQ

Kasli EEM Controller

POWER

12V

5A



JTAG
UART
I2C



CLK



SFP0



SFP1



SFP2





ARTIQ

Zotino

32x 16Bit DAC



0 1 2 3



4 5 6 7





ARTIQ

Novo

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





ARTIQ

IDC-BNC ADAPTER



IO0



IO1



IO2



IO3



IO4



IO5



IO6



IO7





ARTIQ

HD68-IDC Adapter





ARTIQ

Clocker

fanout buffer

OUT0



OUT1



OUT2



OUT3



CLK
IN



PWR ● ● EXT
CLK

PWR
12V
0.2A





ARTIQ

Koster

camera input



BASE



MEDIUM





ARTIQ

EEM OCTAL

SMA IO



IO3

TERM ● ● TERM



IO2

IO 0-3

OUT ● ● IN



IO1

TERM ● ● TERM



IO0



IO7

TERM ● ● TERM



IO6

IO 4-7

OUT ● ● IN



IO5

TERM ● ● TERM



IO4



















ONLY SHIELDED CONNECTORS AND CABLES



ARTIQ

EEM

16X LVDS

	4	5	6	7
				
	0	1	2	3
				
	12	13	14	15
				
	8	9	10	11
				

DIRECTION ON-INPUT





ARTIQ

VHDCI

8x EEM CARRIER



EEM 1..4

EEM 5..8



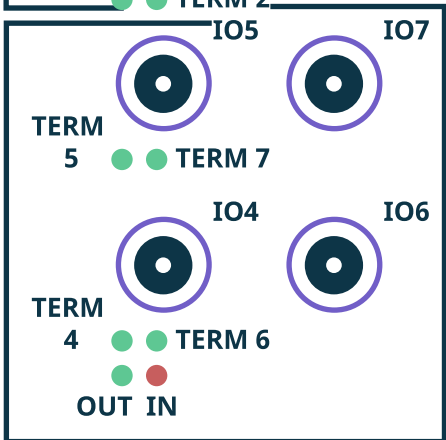
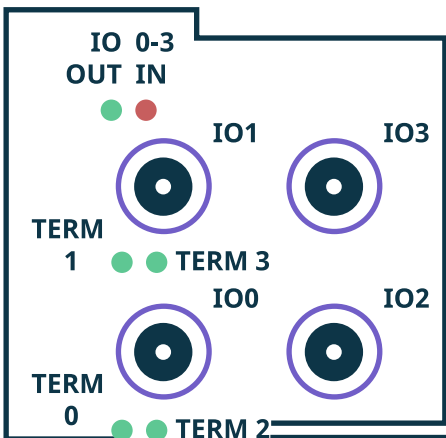
12V 5A





ARTIQ

BNC DIO





ARTIQ

Urukul

4x 1GS/s DDS





ARTIQ

Stabilizer

ADC0



TERM

0 ● 1 ●

L0 ● L1 ●

ADC1



DI0



DAC0



DI1



DAC1



L2 ● L3 ●



ETHERNET

POE

