

BLT-ISM-Connector Interface Description

Pin	Name	Type	Description
1	VDD	PWR	Power Supply
2	GND	PWR	Power Ground
3	SADDR	I	Configuration Bus Address
4	EXTCLK	I	Mount Option instead of onboard oscillator
5	RESET	I	Reset (active low)
6	SCL	O	Configuration Bus Clock Line
7	SDA	I/O	Configuration Bus Data Line
8	RFU		
9	GND	PWR	Power Ground
10	PIXCLK	O	Pixel Clock
11	FV	O	Frame Valid (VSYNC)
12	LV	O	Line Valid (HSYNC)
13	TRIGGER	I	Camera Trigger
14	STROBE	O	Strobe Signal
15	D0	O	Pixel Data0
16	D1	O	Pixel Data1
17	D2	O	Pixel Data2
18	D3	O	Pixel Data3
19	VDDIO	PWR	I/O supply voltage
20	GND	PWR	Power Ground
21	D4	O	Pixel Data4
22	D5	O	Pixel Data5
23	D6	O	Pixel Data6
24	D7	O	Pixel Data7
25	GND	PWR	Power Ground
26	D8	O	Pixel Data8
27	D9	O	Pixel Data9
28	D10	O	Pixel Data10
29	D11	O	Pixel Data11
30	OE	I	Output Enable (active low)