ASAD-COBO interconnection

VHDCI 68 cable reference (twisted pairs)

1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33
CKR-	GND	CKP-	GND	OA0-	OA1-	OB0-	OB1-	GND	CKB-	CKF-	GND	OC0-	OC1-	OD0-	OD1-	GND
CKR+	GND	CKP+	GND	OA0+	OA1+	OB0+	OB1+	GND	CKB+	CKF+	GND	OC0+	OC1+	OD0+	OD1+	GND
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34

TRIPP·LITE POWER PROTECTION

Model #: S456-010

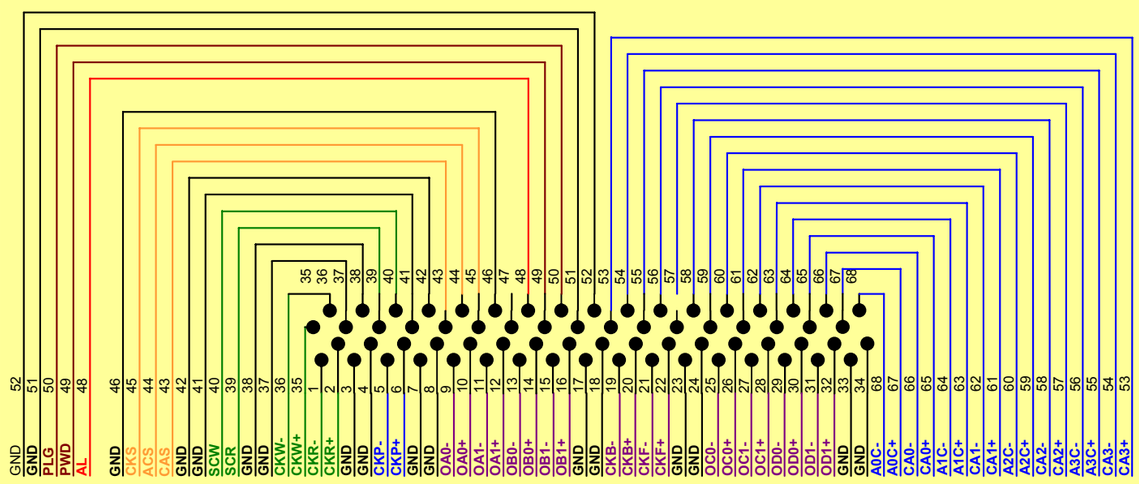
SCSI/Fibre Channel - 10-ft. SCSI U320/U160 LVD/SE Cable, Offset VHDCI68M/M

35	37	39	41	43	45	47	49	51	53	55	57	59	61	63	65	67
CKW+	GND	SCR	GND	CAS	CKS	NC	PWD	GND	CA3+	A3C+-	CA2+	A2C+	CA1+	A1C+	CA0+	A0C+
CKW-	GND	SCW	GND	ACS	GND	AL	PLG	GND	CA3-	A3C-	CA2-	A2C-	CA1-	A1C-	CA0-	A0C-
36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68

Position	Name	Description	Standard	Direction
1,2	CKR	SCA Read Clock	LVDS	ASAD⇦ COBO
5,6	CKP	AGET Serial Control Clock	LVDS	ASAD⇦ COBO
9,10	OA0	ADC A output LSB	LVDS	ASAD⇨COBO
11,12	OA1	ADC A output MSB	LVDS	ASAD⇨COBO
13,14	OB0	ADC B output LSB	LVDS	ASAD⇨COBO
15,16	OB1	ADC B output MSB	LVDS	ASAD⇨COBO
19,20	CKB	ADC's Bit Clock	LVDS	ASAD⇨COBO
21,22	CKF	ADC's Frame Clock	LVDS	ASAD⇨COBO
25,26	OC0	ADC C output LSB	LVDS	ASAD⇨COBO
27,28	OC1	ADC C output MSB	LVDS	ASAD⇨COBO
29,30	OD0	ADC D output LSB	LVDS	ASAD⇨COBO
31,32	OD1	ADC D output MSB	LVDS	ASAD⇨COBO
35,36	CKW	SCA Write Clock	LVDS	ASAD⇦ COBO
39	SCR	SCA read	LVCMOS 3.3V	ASAD⇦ COBO
40	SCW	SCA write	LVCMOS 3.3V	ASAD⇦ COBO

Position	Name	Description	Standard	Direction
43	CAS	Slow Control Data in	LVCMOS 3.3V	ASAD⇦ COBO
44	ACS	Slow Control Data out	LVCMOS 3.3V	ASAD⇨COBO
45	CKS	Slow Control Clock	LVCMOS 3.3V	ASAD⇦ COBO
47	NC	Not Connected		
48	AL	Alarm Flag	LVCMOS 3.3V	ASAD⇨COBO
49	PWD	ASAD switch on/off	LVCMOS 3.3V	ASAD⇦ COBO
50	PLG	ASAD presence	LVCMOS 3.3V	ASAD⇨COBO
53,54	CA3	AGET3 Serial Control Data in	LVDS	ASAD⇦ COBO
55,56	A3C	AGET3 Serial Control Data out	LVDS	ASAD⇨COBO
57,58	CA2	AGET2 Serial Control Data in	LVDS	ASAD⇦ COBO
59,60	A2C	AGET2 Serial Control Data out	LVDS	ASAD⇨COBO
61,62	CA1	AGET1 Serial Control Data in	LVDS	ASAD⇦ COBO
63,64	A1C	AGET1 Serial Control Data out	LVDS	ASAD⇨COBO
65,66	CA0	AGET0 Serial Control Data in	LVDS	ASAD⇦ COBO
67,68	A0C	AGET0 Serial Control Data out	LVDS	ASAD⇨COBO

Positions 3, 4, 7, 8, 17,18, 23, 24, 33, 34, 37, 38, 41, 42, 46, 51 52 are grounded (GND =OV)



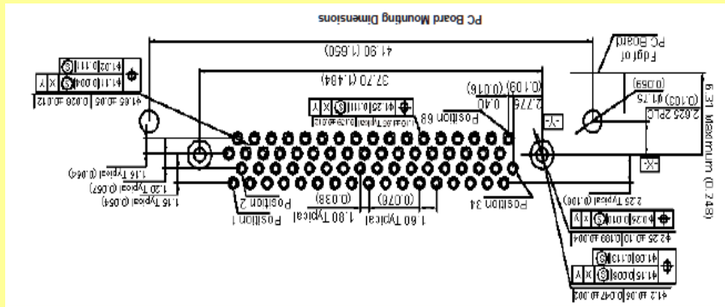
ASAD Pinout

VHDCI 68 PCB Connector ref.

multicomp

PART NO.

34L068S-326H-BB-HT



- Power Management signals
- Monitoring Alert signal
- Slow Control signals
- SCA Management signals
- AGET Serial Control signals
- ADC output signals