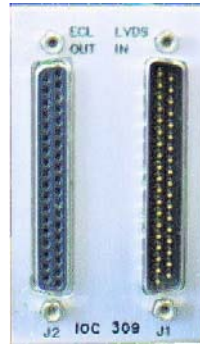
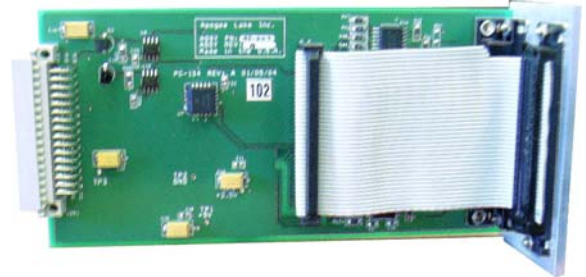


MODEL 2073 PRODUCT LINE

IOC309
DIFFERENTIAL
PARALLEL LVDS INPUT
TO
DIFFERENTIAL
PARALLEL NECL
OUTPUT CONVERTER
MODULE



REAR VIEW



SIDE VIEW

FEATURES

- Differential Parallel LVDS Input (+1.0 Vdc to +1.4 Vdc)
- Differential Parallel NECL Output (-0.8V to -1.8V)
- 35 Mbit operation
- Front Panel Input Activity indicator
- Industry standard Input/Output connectors

OVERVIEW

The IOC309 Pluggable Interface Module (PIM) accepts a Differential Parallel LVDS input and converts it into a Differential Parallel NECL output. The IOC309 uses one DB37P input connector and one DB37S output connector and operates to 35Mbits parallel rate. The IOC309 requires two slots of the 14 available slots in the Model 2073 chassis.

Table 1: J1 Differential Parallel LVDS Input Connection
DB37P

Pin#	Description
01	GND
20	DI7-
02	DI7+
21	GND
03	DI6-
22	DI6+
04	GND
23	DI5-
05	DI5+
24	GND
06	DI4-
25	DI4+
07	GND
26	DI3-
08	DI3+
27	GND
09	DI2-
28	DI2+
10	GND
29	DI1-
11	DI1+
30	GND
12	DI0-
31	DI0+
13	GND
32	CBI-
14	CBI+
33	GND
15	CAI-
34	CAI+
16	GND
35	CLKI-
17	CLKI+
36	GND
18	N/C
37	N/C
19	GND

Table 2: J2 Differential Parallel NECL Output Connection
DB37S

Pin#	Description
01	DO0+
20	DO0-
02	DO1+
21	DO1-
03	DO2+
22	DO2-
04	DO3+
23	DO3-
05	DO4+
24	DO4-
06	DO5+
25	DO5-
07	DO6+
26	DO6-
08	DO7+
27	DO7-
09	N/C
28	N/C
10	N/C
29	N/C
11	N/C
30	N/C
12	N/C
31	N/C
13	N/C
32	N/C
14	N/C
33	N/C
15	N/C
34	N/C
16	N/C
35	N/C
17	CLKO+
36	CLKO
18	N/C
37	N/C
19	GND