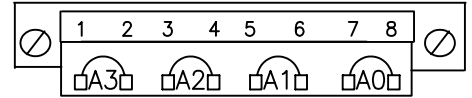


INPUT ASSEMBLY SIU PIN ASSIGNMENTS

PIN	SIU ROW A	SLOT1-12 PINS	SIU ROW B	SLOT1-12 PINS	SIU ROW C	SLOT1-12 PINS
1	+24 in	DCP-14	+24 in	+24 in	I/O 47	Slot 9-20
2	I/O 0	Slot 1-2C	I/O 1	Slot 3-4C	I/O 48	Slot 10-7
3	I/O 2	Slot 5-6C	I/O 3	Slot 7-8C	I/O 49	Slot 10-20
4	I/O 4	Slot 9-10C	I/O 5	Slot 11/12C	I/O 50	Slot 11-7
5	I/O 6	Slot 1F	I/O 7	Slot 1W	I/O 51	Slot 11-20
6	I/O 8	Slot 2F	I/O 9	Slot 2W	I/O 52	Slot 12-7
7	I/O 10	Slot 3F	I/O 11	Slot 3W	I/O 53	Slot 12-20
8	I/O 12	Slot 4F	I/O 13	Slot 4W	SB1 TxD +	Com 2 RXD+
9	I/O 14	Slot 5F	I/O 15	Slot 5W	SB1 TxD -	Com15 RXD-
10	I/O 16	Slot 6F	I/O 17	Slot 6W	SB1 RxD +	Com 1 TXD+
11	I/O 18	Slot 7F	I/O 19	Slot 7W	SB1 RxD -	Com14 TXD-
12	I/O 20	Slot 8F	I/O 21	Slot 8W	SB1 TxC +	Com 4 RxC+
13	I/O 22	Slot 9F	I/O 23	Slot 9W	SB1 TxC -	Com17 RxC-
14	I/O 24	Slot 10F	I/O 25	Slot 10W	SB1 RxC +	Com 3 TxC+
15	I/O 26	Slot 11F	I/O 27	Slot 11W	SB1 RxC -	Com16 TxC-
16	I/O 28	Slot 12F	I/O 29	Slot 12W	LINE SYNC. +	Com 9 LSync+
17	I/O 30	Slot 1-7	I/O 31	Slot 1-20	LINE SYNC. -	Com22 LSync-
18	I/O 32	Slot 2-7	I/O 33	Slot 2-20	N RESET +	Com10NRESET+
19	I/O 34	Slot 3-7	I/O 35	Slot 3-20	N RESET -	Com23NRESET-
20	I/O 36	Slot 4-7	I/O 37	Slot 4-20	ASSY ADDR	Slots1-12(1)
21	I/O 38	Slot 5-7	I/O 39	Slot 5-20	INBUS RTS	Slots1-12(2)
22	I/O 40	Slot 6-7	I/O 41	Slot 6-20	SB2 TxD +	Com 6 RXD+
23	I/O 42	Slot 7-7	I/O 43	Slot 7-20	SB2 TxD -	Com19 RXD-
24	I/O 44	Slot 8-7	I/O 45	Slot 8-20	SB2 RxD +	Com 5 TXD+
25	I/O 46	Slot 9-7	Opto In1	CDC-1	SB2 RxD -	Com18 TXD-
26	Opto In 2	CDC-2	Opto In 3	CDC-3	SB2 TxC +	Com 8 RxC+
27	Opto In 4	CDC-4	OptoCommon	CDC-5	SB2 TxC -	Com21 RxC-
28	Address-0	ADC -1	Address-1	ADC -3	SB2 RxC +	Com 7 TxC+
29	Address-2	ADC -5	Address-3	ADC -7	SB2 RxC -	Com20 TxC-
30	INBUS TxD	Slots1-12(21)	INBUS RxD	Slots1-12(19)	SB2 INBUS TXC	NA
31	EQ GND		AC Line Ref	TC 31	SB2 INBUS RxC	NA
32	DC GND	DCP-16	DC GND	DCP-15	SIU ENABLE	SIU 24VDCGND

ADC ADDRESS PLUG FRONT VIEW



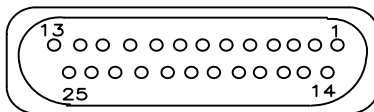
SIU INPUT ASSY	ADDRESS	ADDRESS PLUG BINARY
Input Assembly 1	1-2 7-8	1001
Input Assembly 2	1-2 5-6	1010
Input Assembly 3	1-2 5-6 7-8	1011
Input Assembly 4	1-2 3-4	1100
Input Assembly 5	1-2 3-4 7-8	1101

Jumper settings are ground true.
Install jumper for logic 1.

ADC DETAIL

Pin #	FUNCTION	Pin #	FUNCTION
1	Address 3	2	DC GROUND
3	Address 2	4	DC GROUND
5	Address 1	6	DC GROUND
7	Address 0	8	DC GROUND

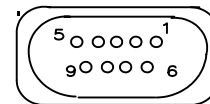
COM SB1/SB2 (Socket Face View)



COM SB1/SB2 CONNECTOR

Pin	AT THE CONTROLLER	AT THE SIU	Pin	AT THE CONTROLLER	AT THE SIU
1	SB1 TXD+	SB1 RXD+	14	SB1 TXD-	SB1 RXD-
2	SB1 RXD+	SB1 TXD+	15	SB1 RXD-	SB1 TXD-
3	SB1 TxC+	SB1 RxC+	16	SB1 TxC-	SB1 RxC-
4	SB1 RxC+	SB1 TxC+	17	SB1 RxC-	SB1 TxC-
5	SB2 TXD+	SB2 RXD +	18	SB2 TXD-	SB2 RXD-
6	SB2 RXD+	SB2 TXD +	19	SB2 RXD-	SB2 TXD-
7	SB2 TxC+	SB2 RxC+	20	SB2 TxC-	SB2 RxC-
8	SB2 RxC+	SB2 TxC+	21	SB2 RxC-	SB2 TxC-
9	LINE SYNC+	LINE SYNC+	22	LINE SYNC-	LINE SYNC-
10	NRESET+	NRESET+	23	NRESET-	NRESET-
11	PWR DWN+		24	PWR DWN-	
12	+5VDC ISO		25	EQ GND	
13	ISO GND	DC GROUND			

CDC (Socket Face View)



CDC (Cabinet DC signal interconnect)

Pin #	FUNCTION	Pin #	FUNCTION
CDC-1	OPTO INPUT 1	CDC-2	OPTO INPUT 2
CDC-3	OPTO INPUT 3	CDC-4	OPTO INPUT 4
CDC-5	OPTO INPUT COMMON	CDC-6	Spare
CDC-7	Spare	CDC-8	Spare
CDC-9	Spare		

TITLE:

INPUT ASSEMBLY CONNECTORS

Rev Date 09-05-03

MAY 8, 2003

6-5-38