ITEM	PART NO.	QTY.	DESCRIPTION

WIRE CHART (A SIDE INPUTS) (PINOUT A)			
BACKPLANE	ITEM 12 PIN #	SIGNAL NAME	TWISTED PAIRS
E31	12	A_IN0-	TWIST
E19	3	A_IN0+	
J1-C11	2	GROUND	
E17	14	A_IN1-	TWIST
E15	5	A_IN1+	
J1-C9	4	GROUND	
E13	16	A_IN2-	TWIST
E11	7	A_IN2+	
J1-C7	6	GROUND	
E9	18	A_CLKIN-	TWIST
E7	9	A_CLKIN+	
J1-C5	8	GROUND	

WIRE CHART (B SIDE INPUTS) (PINOUT A)			
BACKPLANE	ITEM 12 PIN #	SIGNAL NAME	TWISTED PAIRS
E50	12	B_IN0-	TWIST
E48	3	B_IN0+	
J2-C11	2	GROUND	
E46	14	B_IN1-	TWIST
E44	5	B_IN1+	
J2-C9	4	GROUND	
E42	16	B_IN2-	TWIST
E40	7	B_IN2+	
J2-C7	6	GROUND	
E38	18	B_CLKIN-	TWIST
E36	9	B_CLKIN+	
J2-C5	8	GROUND	

WIRE CHART (A SIDE OUTPUTS) (PINOUT B)			
BACKPLANE	ITEM 13 PIN #	SIGNAL NAME	TWISTED PAIRS
E8	9	A_OUT0-	TWIST
E10	18	A_OUT0+	
J1-C6	19	GROUND	
E12	7	A_OUT1-	TWIST
E14	16	A_OUT1+	
J1-C8	17	GROUND	
E16	5	A_OUT2-	TWIST
E18	14	A_OUT2+	
J1-C10	15	GROUND	
E20	3	A_CLKOUT-	TWIST
E32	12	A_CLKOUT+	
J1-C12	13	GROUND	

WIRE CHART (B SIDE OUTPUTS) (PINOUT B)			
BACKPLANE	ITEM 13 PIN #	SIGNAL NAME	TWISTED PAIRS
E37	9	B_OUT0-	TWIST
E39	18	B_OUT0+	
J2-C6	19	GROUND	
E41	7	B_OUT1-	TWIST
E43	16	B_OUT1+	
J2-C8	17	GROUND	
E45	5	B_OUT2-	TWIST
E47	14	B_OUT2+	
J2-C10	15	GROUND	
E49	3	B_CLKOUT-	TWIST
E51	12	B_CLKOUT+	
J2-C12	13	GROUND	

JUMPER TABLE		
FROM	TO	ITEM
E69	E70	16
E71	E72	16
E73	E74	16
E75	E76	16
E77	E78	16
E79	E80	16
E81	E82	16
E83	E84	16

HARNESS WIRE CHART (A SIDE FEE)			
SIGNAL	BACKPLANE	ITEM 12 PIN #	SIGNAL NAME
WHITE	E35	1	A_LV+
BLACK	E29	2	A_LV-
GROUND	E30	3	GROUND

HARNESS WIRE CHART (B SIDE FEE)			
SIGNAL	BACKPLANE	ITEM 12 PIN #	SIGNAL NAME
WHITE	E63	1	B_LV+
BLACK	E62	2	B_LV-
GROUND	E64	3	GROUND

DIGIKEY HARNESS WIRE CHART (A SIDE)			
SIGNAL	BACKPLANE	ITEM 13 PIN #	SIGNAL NAME
BLACK	E25	2	SHIELD
RED	E22	3	B
GREEN	E34	4	A
YELLOW	E27	5	SHIELD

DIGIKEY HARNESS WIRE CHART (A SIDE)			
SIGNAL	BACKPLANE	ITEM 13 PIN #	SIGNAL NAME
BLACK	E28	2	SHIELD
RED	E23	3	B
GREEN	E24	4	A
YELLOW	E26	5	SHIELD

REVISION LETTER	CLASS REVIEW	REVISIONS	DATE	CHANGED BY	CHECKED BY	APPROVED BY
B		EDITED WIRE CHARTS	5-30-00	G.S.		
A		ADDED ARCNET CHANGES	4-7-00	G.S.		
		ORIGINAL ISSUE				

LOS ALAMOS
LOS ALAMOS NATIONAL LABORATORY
LOS ALAMOS, NEW MEXICO 87545

CLASSIFICATION OF DRAWING: UNCL
PART: UNCL TITLE BLOCK: UNCL

TITLE
CBP-1
CATHODE BKPLANE
ASSEMBLY

	SIGNATURE	DATE	GROUP
ORIGINATED	M.ECHAVE	5/14/99	NIS-4
DRAWN	G.SMITH	5/14/99	NIS-4
CHECKED			
PROJ. ENGR.			
APPROVED			
RELEASED			

.X= +/-____ 0.XX= +/-____ ANGULAR= +/-____
0.X= +/-____ 0.XXX= +/-____ FINISH= +/-____

SCALE	TOTAL SHEETS	DRAWING NO.	SIZE	SHEET NO.
2/1	2	10Y-226430	D8	