	TWIST High Voltage Power Supply Controls Mapping										
Name/Function			Breakout		NIM	Voltage Control N-A-F		Voltage Monitor N-A-F		Current Monitor N-A-F	
Chan A	Chan B	PS Serial Number	Connector	Cable #	bin-slot	Chan A	Chan B	Chan A	Chan B	Chan A	Chan B
PC 1	PC 2	58643	1	5401	1-1	1-0-16/0	1-1-16/0	2-0-0	2-1-0	2-0-1	2-1-1
PC 3	PC 4	47924	2	5402	1-2	1-2-16/0	1-3-16/0	2-2-0	2-3-0	2-2-1	2-3-1
DC 1	DC 2	58628	3	5403	1-3	1-4-16/0	1-5-16/0	2-4-0	2-5-0	2-4-1	2-5-1
DC 3	DC 4	25084	4	5404	1-4	1-6-16/0	1-7-16/0	2-6-0	2-7-0	2-6-1	2-7-1
DC 5	DC 6	25115	5	5405	1-5	1-8-16/0	1-9-16/0	2-8-0	2-9-0	2-8-1	2-9-1
DC 7	DC 8	58821	6	5406	1-6	1-10-16/0	1-11-16/0	2-10-0	2-11-0	2-10-1	2-11-1
DC 9	DC 10	51338	7	5407	2-1	1-12-16/0	1-13-16/0	2-12-0	2-13-0	2-12-1	2-13-1
DC 11	DC 12	46922	8	5408	2-2	1-14-16/0	1-15-16/0	2-14-0	2-15-0	1-14-1	2-15-1
DC 13	DC 14	30661	9	5409	2-3	4-0-16/0	4-1-16/0	5-0-0	5-1-0	5-0-1	5-1-1
DC 15	DC 16	47954	10	5410	2-4	4-2-16/0	4-3-16/0	5-2-0	5-3-0	5-2-1	5-3-1
DC 17	DC 18	58622	11	5411	2-5	4-4-16/0	4-5-16/0	5-4-0	5-5-0	5-4-1	5-5-1
DC 19	DC 20	32893	12	5412	2-6	4-6-16/0	4-7-16/0	5-6-0	5-7-0	5-6-1	5-7-1
DC 21	DC 22	46944	13	5413	3-1	4-8-16/0	4-9-16/0	5-8-0	5-9-0	5-8-1	5-9-1
PC 5	PC 6	29968	14	5414	3-2	4-10-16/0	4-11-16/0	5-10-0	5-11-0	5-10-1	5-11-1
PC 7	PC 8	30999	15	5415	3-3	4-12-16/0	4-13-16/0	5-12-0	5-13-0	5-12-1	5-13-1
DC 23	DC 24	29018	16	5416	3-4	4-14-16/0	4-15-16/0	5-14-0	5-15-0	5-14-1	5-15-1
DC 25	DC 26	25092	17	5417	3-5	7-0-16/0	7-1-16/0	8-0-0	8-1-0	8-0-1	8-1-1
DC 27	DC 28	60834	18	5418	3-6	7-2-16/0	7-3-16/0	8-2-0	8-3-0	8-2-1	8-3-1
DC 29	DC 30	58816	19	5419	4-1	7-4-16/0	7-5-16/0	8-4-0	8-5-0	8-4-1	8-5-1
DC 31	DC 32	014409	20	5420	4-2	7-6-16/0	7-7-16/0	8-6-0	8-7-0	8-6-1	8-7-1
DC 33	DC 34	25118	21	5421	4-3	7-8-16/0	7-9-16/0	8-8-0	8-9-0	8-8-1	8-9-1
DC 35	DC 36	46948	22	5422	4-4	7-10-16/0	7-11-16/0	8-10-0	8-11-0	8-10-1	8-11-1
DC 37	DC 38	28703	23	5423	4-5	7-12-16/0	7-13-16/0	8-12-0	8-13-0	8-12-1	8-13-1
DC 39	DC 40	28696	24	5424	4-6	7-14-16/0	7-15-16/0	8-14-0	8-15-0	8-14-1	8-15-1
DC 41	DC 42	25097	25	5425	5-1	10-0-16/0	10-1-16/0	11-0-0	11-1-0	11-0-0	11-1-1
DC 43	DC 44	46913	26	5426	5-2	10-2-16/0	10-3-16/0	11-2-0	11-3-0	11-2-1	11-3-1
PC 9	PC 10	30656	27	5427	5-3	10-4-16/0	10-5-16/0	11-4-0	11-5-0	11-4-1	11-5-1
PC 11	PC 12	32892	28	5428	5-4	10-6-16/0	10-7-16/0	11-6-0	11-7-0	11-6-1	11-7-1
spare	spare		29	5429	5-5	10-8-16/0	10-9-16/0	11-8-0	11-9-0	11-8-1	11-9-1
TEC	TEC	13471	30	5430	TEC-1	10-10-16/0	10-11-16/0	11-10-0	11-11-0	11-10-1	11-11-1
TEC	TEC	11171	31	5431	TEC-2	10-12-16/0	10-13-16/0	11-12-0	11-13-0	11-12-1	11-13-1
TEC	TEC	13606(Negative)	32	5432	TEC-3	10-14-16/0	10-15-16/0	11-14-0	11-15-0	11-14-1	11-15-1
Note: TEC supplies are in a partial NIM bin above the TEC PLC											
hv_map.xls	rev. 2004 May 17										