

Cabling scheme from front panel connector to 8-pin molex connector

51 pin connector on the PS side, male connector with male pins	HV channel	Pin #	Name	Pin #	HV channel	Connector PPCH0_IN0
	0	2	PPCH_IN_HV_0	1	0	
		13	PPCH_IN_RET_0	2		
	1	3	PPCH_IN_HV_1	3	1	
		14	PPCH_IN_RET_1	4		
	2	4	PPCH_IN_HV_2	5	2	
		15	PPCH_IN_RET_2	6		
	3	5	PPCH_IN_HV_3	7	3	
		16	PPCH_IN_RET_3	8		
		6	PPCH_IN_HV_4	1	4	Connector PPCH0_IN1
	4		PPCH_IN_RET_4	2		
		17	PPCH_IN_HV_5	3	5	
	5	7	PPCH_IN_RET_4	4		
		18	PPCH_IN_HV_6	5	6	
	6	8	PPCH_IN_RET_6	6		
		19	PPCH_IN_HV_7	7	7	
	7	9	PPCH_IN_RET_7	8		
		20				
		43	PPCH_IN_HV_15	1	15	Connector PPCH0_IN2
	15		PPCH_IN_RET_15	2		
		32	PPCH_IN_HV_14	3	14	
	14	44	PPCH_IN_RET_14	4		
		33	PPCH_IN_HV_13	5	13	
	13	45	PPCH_IN_RET_13	6		
		34	PPCH_IN_HV_12	7	12	
	12	46	PPCH_IN_RET_12	8		
		35				
		47	PPCH_IN_HV_11	1	11	Connector PPCH0_IN3
	11		PPCH_IN_RET_11	2		
		36	PPCH_IN_HV_10	3	10	
	10	48	PPCH_IN_RET_10	4		
		37	PPCH_IN_HV_9	5	9	
	9	49	PPCH_IN_RET_9	6		
		38	PPCH_IN_HV_8	7	8	
	8	50	PPCH_IN_RET_8	8		
		39				

Legend:

HV Bias

HV Return