

## k1io (k1psl, k1imc, k1imcasc)

Card	ADC/DAC Chns.	Signal	
ADC1	1	PMC-SLOW_MON	
	2	PMC-LO_MON	
	3	PMC-MIXER	
	4	Unused	
	5	PMC-FAST_MON	
	6	PMC-TRANS_DC	
	7	Unused	
	8	Unused	
	9	FSS-SLOW_MON	
	10	FSS-LO_MON	
	11	FSS-MIXER_MON	
	12	FSS-PC_MON	
	13	FSS-FAST_MON	
	14	Unused	
	15	Unused	
	16	Unused	
	17	PMC-REFL_PD_DC	
	18	FSS-REFCAVTRANS_PD_DC	
	19	Unused	
	20	Unused	
	21	PSL-IP_QPD1	SEG1
	22		SEG2
	23		SEG3
	24		SEG4
	25	PSL-IP_QPD2	SEG1
	26		SEG2
	27		SEG3
	28		SEG4
	29	Unused	
	30	Unused	
	31	Unused	
	32	Reserved for 1PPS	

Card	ADC/DAC Chns.	Signal
ADC2	1	IMC_REFL_SERVO_SUMMON
	2	IMC_REFL_SERVO_SPLITMON
	3	IMC_REFL_SERVO_FASTMON
	4	Unused
	5	IMC_REFL_SERVO_SLOWFBMON
	6	IMC_REFL_SERVO_FASTMON
	7	Unused
	8	Unused
	9	IMC_REFL_PDA1_DC
	10	Unused
	11	Unused
	12	Unused
	13	IMC-TRANS_PDA1_DC
	14	Unused
	15	Unused
	16	Unused
	17	Unused
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Card	ADC/DAC Chns.	Signal		
ADC3	1	IMC-REFL_WFSA1	SEG1	I-phase
	2			Q-phase
	3		SEG2	I-phase
	4			Q-phase
	5		SEG3	I-phase
	6			Q-phase
	7		SEG4	I-phase
	8			Q-phase
	9	IMC-REFL_WFSA2	SEG1	I-phase
	10			Q-phase
	11		SEG2	I-phase
	12			Q-phase
	13		SEG3	I-phase
	14			Q-phase
	15		SEG4	I-phase
	16			Q-phase
	17	IMC-REFL_WFSA1_DC	SEG1	DC out of WFS
	18		SEG2	DC out of WFS
	19		SEG3	DC out of WFS
	20		SEG4	DC out of WFS
	21	IMC-REFL_WFSA2_DC	SEG1	DC out of WFS
	22		SEG2	DC out of WFS
	23		SEG3	DC out of WFS
	24		SEG4	DC out of WFS
	25	IMC-TRANS_AIR_QPD1	SEG1	DC out of WFS
	26		SEG2	DC out of WFS
	27		SEG3	DC out of WFS
	28		SEG4	DC out of WFS
	29	IMC-TRANS_AIR_QPD2	SEG1	DC out of WFS
	30		SEG2	DC out of WFS
	31		SEG3	DC out of WFS
	32		SEG4	DC out of WFS

Card	ADC/DAC Chns.	Signal
DAC1	1	PMC-COMM_GAIN
	2	PMC-MIXER_OFS
	3	PMC-FAST_GAIN
	4	PMC-SLOW_OFS
	5	Unused
	6	Unused
	7	Unused
	8	Unused
	9	Unused
	10	Unused
	11	Unused
	12	Unused
	13	Unused
	14	Unused
	15	Unused
	16	Unused

Card	ADC/DAC Chns.	Signal
DAC2	1	IMC-REFL_SERVO_COMMOFS
	2	IMC-REFL_SERVO_SLOWOFS
	3	IMC-REFL_SERVO_SLOWOUTOFS
	4	Unused
	5	PSL-IP_PZT1_PIT_OUT
	6	PSL-IP_PZT1_YAW_OUT
	7	PSL-IP_PZT2_PIT_OUT
	8	PSL-IP_PZT2_YAW_OUT
	9	Unused
	10	Unused
	11	Unused
	12	Unused
	13	Unused
	14	Unused
	15	Unused
	16	Unused

Card	ADC/DAC Chns.	Signal
DAC1	1	FSS-COMM_GAIN
	2	FSS-MIXER_OFS
	3	FSS-FAST_GAIN
	4	FSS-SLOW_OFS
	5	Unused
	6	Unused
	7	Unused
	8	Unused
	9	Unused
	10	Unused
	11	Unused
	12	Unused
	13	Unused
	14	Unused
	15	Unused
	16	Unused



