

Sheet1

Component	DCC	Channel Name (DCC)	Channel Name (EPICS)	DIN 61412		Panel		Internal		Acromag		Module Notes		
				Signal	Return	Signal	Return	Signal	Return	Signal	Return			
Anti-Imaging	D000186	CH 1 Mon	C1:SUS-ETMX_UL_AIOutMon	1A	1C	R1	1	20	1221a	IN0+	IN0-	Redundant		
		CH 2 Mon	C1:SUS-ETMX_LL_AIOutMon	2A	2C	R1	2	21	1221a	IN1+	IN1-	Redundant		
		CH 3 Mon	C1:SUS-ETMX_UR_AIOutMon	3A	3C	R1	3	22	1221a	IN2+	IN2-	Redundant		
		CH 4 Mon	C1:SUS-ETMX_LR_AIOutMon	4A	4C	R1	4	23	1221a	IN3+	IN3-	Redundant		
		CH 5 Mon	C1:SUS-ETMX_Side_AIOutMon	5A	5C	R1	5	24	1221a	IN4+	IN4-	Redundant		
Optical Lever	D010033	Seg1-1 Mon	C1:SUS-ETMX_OL_SEG1	1A	1C	R2	1	20	1221b	IN0+	IN0-	Redundant		
		Seg2-1 Mon	C1:SUS-ETMX_OL_SEG2	2A	2C	R2	2	21	1221b	IN1+	IN1-	Redundant		
		Seg3-1 Mon	C1:SUS-ETMX_OL_SEG3	3A	3C	R2	3	22	1221b	IN2+	IN2-	Redundant		
		Seg4-1 Mon	C1:SUS-ETMX_OL_SEG4	4A	4C	R2	4	23	1221b	IN3+	IN3-	Redundant		
		QPD1 X Mon	C1:SUS-ETMX_OL_X	5A	5C	R2	5	24	1221a	IN5+	IN5-	Redundant		
		QPD1 Y Mon	C1:SUS-ETMX_OL_Y	6A	6C	R2	6	25	1221a	IN6+	IN6-	Redundant		
		QPD1 Sum Mon	C1:SUS-ETMX_OL_S	7A	7C	R2	7	26	1221a	IN7+	IN7-	Redundant		
SUS PD Whitening	D000210	UL Out Mon	C1:SUS-ETMX_ULPDMon	1A	1C	R3	1	20	1221b	IN4+	IN4-			
		LL Out Mon	C1:SUS-ETMX_LLPDMon	2A	2C	R3	2	21	1221b	IN5+	IN5-			
		UR Out Mon	C1:SUS-ETMX_URPDMon	3A	3C	R3	3	22	1221b	IN6+	IN6-			
		LR Out Mon	C1:SUS-ETMX_LRPDMon	4A	4C	R3	4	23	1221b	IN7+	IN7-			
		S Out Mon	C1:SUS-ETMX_SPDMon	5A	5C	R3	5	24	1221c	IN0+	IN0-			
		UL Bypass		28A	28C	R4	12	31	FAST 1-16	18	17			
		LL Bypass		29A	29C	R4	13	32	FAST 1-16	22	21			
		UR Bypass		30A	30C	R4	14	33	FAST 1-16	24	23			
		LR Bypass		31A	31C	R4	15	34	FAST 1-16	28	27			
		S Bypass		32A	32C	R4	16	35	FAST 1-16	30	29			
		SOS Driver	D010001	UL EPICS V Mon	C1:SUS-ETMX_ULVMon	1A	1C	R5	1	20	1221c	IN1+	IN1-	
				LL EPICS V Mon	C1:SUS-ETMX_LLVMon	2A	2C	R5	2	21	1221c	IN2+	IN2-	
				UR EPICS V Mon	C1:SUS-ETMX_URVMon	3A	3C	R5	3	22	1221c	IN3+	IN3-	
LR EPICS V Mon	C1:SUS-ETMX_LRVMon			4A	4C	R5	4	23	1221c	IN4+	IN4-			
S EPICS V Mon	C1:SUS-ETMX_SideVMon			5A	5C	R5	5	24	1221c	IN5+	IN5-			
UL Bias In	C1:SUS-ETMX_ULBiasAdj			8A	8C	R5	8	27	1541a	OUT 00	RTN			
LL Bias In	C1:SUS-ETMX_LLBiasAdj			9A	9C	R5	9	28	1541a	OUT 01	RTN			
UR Bias In	C1:SUS-ETMX_URBiasAdj			10A	10C	R5	10	29	1541a	OUT 02	RTN			
LR Bias In	C1:SUS-ETMX_LRBiasAdj			11A	11C	R5	11	30	1541a	OUT 03	RTN			
UL Coil Enable	C1:SUS-ETMX_UL_ENABLE			23A	23C	R6	12	31	1111a	I/O 05	RTN			
LL Coil Enable	C1:SUS-ETMX_LL_ENABLE			24A	24C	R6	13	32	1111a	I/O 06	RTN			
UR Coil Enable	C1:SUS-ETMX_UR_ENABLE			25A	25C	R6	14	33	1111a	I/O 07	RTN			
LR Coil Enable	C1:SUS-ETMX_LR_ENABLE			26A	26C	R6	15	34	1111a	I/O 08	RTN			
S Coil Enable	C1:SUS-ETMX_SD_ENABLE			27A	27C	R6	16	35	1111a	I/O 09	RTN			
UL Coil Test				28A	28C	R6	N/C	N/C	N/C	N/C	N/C	N/C Not connected		
LL Coil Test				29A	29C	R6	N/C	N/C	N/C	N/C	N/C	N/C Not connected		
UR Coil Test				30A	30C	R6	N/C	N/C	N/C	N/C	N/C	N/C Not connected		
LR Coil Test				31A	31C	R6	N/C	N/C	N/C	N/C	N/C	N/C Not connected		
S Coil Test				32A	32C	R6	N/C	N/C	N/C	N/C	N/C	N/C Not connected		
QPD Whitening	D990399			S1_Gain	C1:ASC-QPDX_S1WhiteGain	1A	1C	R7	1	20	1541a	OUT 04	RTN	Hardware disabled
		S2_Gain	C1:ASC-QPDX_S2WhiteGain	2A	2C	R7	2	21	1541a	OUT 05	RTN	Hardware disabled		
		S3_Gain	C1:ASC-QPDX_S3WhiteGain	3A	3C	R7	3	22	1541a	OUT 06	RTN	Hardware disabled		
		S4_Gain	C1:ASC-QPDX_S4WhiteGain	4A	4C	R7	4	23	1541a	OUT 07	RTN	Hardware disabled		
		S1-1_Bypass		17A	17C	R8	1	20	FAST 17-32	4	3	Hardware disabled: whitening permanently enabled		
		S1-2_Bypass		18A	18C	R8	2	21	FAST 17-32	6	5	Hardware disabled: whitening permanently enabled		
		S2-1_Bypass		19A	19C	R8	3	22	FAST 17-32	10	9	Hardware disabled: whitening permanently enabled		
		S2-2_Bypass		20A	20C	R8	4	23	FAST 17-32	12	11	Hardware disabled: whitening permanently enabled		
		S3-1_Bypass		21A	21C	R8	5	24	FAST 17-32	16	15			
		S3-2_Bypass		22A	22C	R8	6	25	FAST 17-32	18	17			
		S4-1_Bypass		23A	23C	R8	7	26	FAST 17-32	22	21			
		S4-2_bypass		24A	24C	R8	8	27	FAST 17-32	26	25			
		SW1	C1:ASC-QPDX_GainSwitch1	29A	29C	R8	13	32	1111a	I/O 12	RTN			
		SW2	C1:ASC-QPDX_GainSwitch2	30A	30C	R8	14	33	1111a	I/O 13	RTN			
		SW3	C1:ASC-QPDX_GainSwitch3	31A	31C	R8	15	34	1111a	I/O 14	RTN			
		SW4	C1:ASC-QPDX_GainSwitch4	32A	32C	R8	16	35	1111a	I/O 15	RTN			
		Univ. DEWHT		CH 1 Bypass		1A	1C	R9	1	20	FAST 1-16	4	3	
CH 2 Bypass				2A	2C	R9	2	21	FAST 1-16	6	5			
CH 3 Bypass				3A	3C	R9	3	22	FAST 1-16	10	9			
CH 4 Bypass				4A	4C	R9	4	23	FAST 1-16	12	11			
Univ. DEWHT		CH 1 Bypass		1A	1C	R10	1	20	FAST 1-16	16	15			
Hornet Vacuum EX SEIS		C1:Vac-CC1_HORNET_PRESSURE_VOLT				F1	I1	BNC	1221c	IN6+	IN6-			
		C1:PEM-SEIS_EX_TEMP_MON				F1	I2		1221c	IN7+	IN7-			
		C1:PEM-SEIS_EX_TEMP_CTRL				F1	O1		1541b	OUT 00	RTN			
		C1:PEM-SEIS_EX_TEMP_TEST1				F1	O2		1541b	OUT 01	RTN			
		C1:PEM-SEIS_EX_TEMP_TEST2				F1	O3		1541b	OUT 02	RTN			
		C1:PEM-SEIS_EX_TEMP_TEST3				F1	O4		1541b	OUT 03	RTN			