

EPICS Channel Name	Channel Type	Feedthrough	Signal	Return	Acromag	Signal	Return	Notes	Test Notes
DB9M-1 (to Sat Amp, PD Mon Chs 1-4)									
C1:SUS-ETMY_ULPDMon	Analog In	DB9M-1	1	6	AI0	4+	4-	Single-ended	
C1:SUS-ETMY_URPDMon	Analog In	DB9M-1	2	7	AI0	6+	6-	Single-ended	
C1:SUS-ETMY_LLPDMon	Analog In	DB9M-1	3	8	AI0	5+	5-	Single-ended	
DB9M-2 (to Sat Amp, PD Mon Chs 5-8)									
C1:SUS-ETMY_SPDMon	Analog In	DB9M-2	2	7	AI1	0+	0-	Single-ended	
C1:SUS-ETMY_LRPDMon	Analog In	DB9M-2	3	8	AI0	7+	7-	Single-ended	
DB9M-3 (to HAM-A Coil Driver #1, Monitors)									
C1:SUS-ETMY_ULVMon	Analog In	DB9M-3	1	6	AI1	1+	1-	Differential	
C1:SUS-ETMY_URVMon	Analog In	DB9M-3	2	7	AI1	3+	3-	Differential	
C1:SUS-ETMY_LLVMon	Analog In	DB9M-3	3	8	AI1	2+	2-	Differential	
DB9M-4 (to HAM-A Coil Driver #2, Monitors)									
C1:SUS-ETMY_SideVMon	Analog In	DB9M-4	2	7	AI1	5+	5-	Differential	
C1:SUS-ETMY_LRVMon	Analog In	DB9M-4	3	8	AI1	4+	4-	Differential	
DB9M-5 (to HAM-A Coil Driver #1, Binary Outputs) *New channels									
C1:SUS-ETMY_UL_ENABLEMon	Digital In	DB9M-5	6	5	BIO0	0	RTN		
C1:SUS-ETMY_UR_ENABLEMon	Digital In	DB9M-5	7	5	BIO0	1	RTN		
C1:SUS-ETMY_LL_ENABLEMon	Digital In	DB9M-5	8	5	BIO0	2	RTN		
DB9M-6 (to HAM-A Coil Driver #2, Binary Outputs) *New channels									
C1:SUS-ETMY_SD_ENABLEMon	Digital In	DB9M-6	7	5	BIO0	10	RTN		
C1:SUS-ETMY_LR_ENABLEMon	Digital In	DB9M-6	8	5	BIO0	11	RTN		
DB9F-1 (to HAM-A Coil Driver #1, Binary Inputs) *Requires splicing dewhitening switching signals from RTS									
C1:SUS-ETMY_UL_ENABLE	Digital Out	DB9F-1	6	5	BIO0	5	RTN		
C1:SUS-ETMY_UR_ENABLE	Digital Out	DB9F-1	7	5	BIO0	7	RTN		
C1:SUS-ETMY_LL_ENABLE	Digital Out	DB9F-1	8	5	BIO0	6	RTN		
DB9F-2 (to HAM-A Coil Driver #2, Binary Inputs) *Requires splicing dewhitening switching signals from RTS									
C1:SUS-ETMY_SD_ENABLE	Digital Out	DB9F-2	7	5	BIO0	9	RTN		
C1:SUS-ETMY_LR_ENABLE	Digital Out	DB9F-2	8	5	BIO0	8	RTN		
DB9F-3 (to HV Driver, Slow Bias Voltages)									
C1:SUS-ETMY_ULBiasAdj	Analog Out	DB9F-3	1	6	A00	0	RTN		
C1:SUS-ETMY_URBiasAdj	Analog Out	DB9F-3	2	7	A00	2	RTN		
C1:SUS-ETMY_LLBiasAdj	Analog Out	DB9F-3	3	8	A00	1	RTN		
C1:SUS-ETMY_LRBiasAdj	Analog Out	DB9F-3	4	9	A00	3	RTN		
DB37M-1 (to QPD Whitening Board, P1-2)									
C1:ASC-QPDY_GainSwitch1	Digital Out	DB37M-1	13	32	BIO0	12	RTN		
C1:ASC-QPDY_GainSwitch2	Digital Out	DB37M-1	14	33	BIO0	13	RTN		
C1:ASC-QPDY_GainSwitch3	Digital Out	DB37M-1	15	34	BIO0	14	RTN		
C1:ASC-QPDY_GainSwitch4	Digital Out	DB37M-1	16	35	BIO0	15	RTN		
BNC CONNECTORS									
C1:LSC-EY_GREENLASER_TEMP	Analog Out	BNC-1	CENTER	SHIELD	A00	4	RTN		
C1:AUX-GREEN_Y_Shutter	Digital Out	BNC-2	CENTER	SHIELD	BIO0	4	RTN		
DB37M-2 (spare AI channels)									
OPEN	Analog In	DB37M-2	1	20	AI0	0+	0-		
OPEN	Analog In	DB37M-2	2	21	AI0	1+	1-		
OPEN	Analog In	DB37M-2	3	22	AI0	2+	2-		
OPEN	Analog In	DB37M-2	4	23	AI0	3+	3-		
OPEN	Analog In	DB37M-2	5	24	AI1	6+	6-		
OPEN	Analog In	DB37M-2	6	25	AI1	7+	7-		
DB37M-3 (spare AO channels)									
OPEN	Analog Out	DB37M-3	1	20	A00	5	RTN		
OPEN	Analog Out	DB37M-3	2	21	A00	6	RTN		
OPEN	Analog Out	DB37M-3	3	22	A00	7	RTN		
DB37M-4 (spare SINKING BIO channels)									
OPEN	Digital I/O	DB37M-4	1	20	BIO0	3	RTN		