

Squeezer Controls Chassis 5		Left Rail						
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin
<b>Power</b>								
24V	violet	L	OMRON	DC_1	24V	P	TBLOCK	
0V	gray	L	OMRON	DC_1	0V	P	TBLOCK	
24V	violet	L	EK1101	0	24V	P	TBLOCK	
0V	gray	L	EK1101	0	0V	P	TBLOCK	
5V_1	red	L	EK1101	0	+	P	DC_1	+V
5VRET_1	black	L	EK1101	0	-	P	DC_1	-V
24V	violet	L	EL9410	11	24V	P	TBLOCK	
0V	gray	L	EL9410	11	0V	P	TBLOCK	
5V_1	red	L	EL9410	11	+	P	DC_1	+V
5VRET_1	black	L	EL9410	11	-	P	DC_1	-V
5V_2	red	L	EL9190	17	+	P	DC_2	+V
5VRET_2	black	L	EL9190	17	-	P	DC_2	-V
24V	violet	L	OMRON	DC_2	24V	P	TBLOCK	
0V	gray	L	OMRON	DC_2	0V	P	TBLOCK	
<b>Coupler</b>								
Input	CAT5	L	EK1101	0	X2	Comm.	IN	
Output	CAT5	L	EK1101	0	X2	Comm.	M/O	X1
<b>Common Mode Servo A</b>								
Input monitor +	green	L	EL3104	1	+11	AI	7	9
Input monitor -	white	L	EL3104	1	-11	AI	7	28
Monitor at split +	green	L	EL3104	1	+12	AI	7	10
Monitor at split -	white	L	EL3104	1	-12	AI	7	29
Fast monitor +	green	L	EL3104	1	+13	AI	7	11
Fast monitor -	white	L	EL3104	1	-13	AI	7	30
Slow path feedback monitor +	green	L	EL3104	1	+14	AI	7	12
Slow path feedback monitor -	white	L	EL3104	1	-14	AI	7	31
5VRET_1	black	L	EL3102	2	COM	P	DC_1	-V
Slow monitor +	green	L	EL3102	2	+11	AI	7	13
Slow monitor -	white	L	EL3102	2	-11	AI	7	32
	green	L	EL3102	2	+12	AI		
	white	L	EL3102	2	-12	AI		
Common path offset +	blue	L	EL4134	3	O1	AO	7	15
Common path offset -	yellow	L	EL4134	3	COM	AO	7	34
Slow path offset +	blue	L	EL4134	3	O2	AO	7	16
Slow path offset -	yellow	L	EL4134	3	COM	AO	7	35
Slow path output offset +	blue	L	EL4134	3	O1	AO	7	17
Slow path output offset -	yellow	L	EL4134	3	COM	AO	7	36
	blue	L	EL4134	3	O2	AO		
	yellow	L	EL4134	3	COM	AO		
5VRET_1	black	L	EL1124	4	-	P	7	19
Fast path limits reached	brown	L	EL1124	4	I1	BI	7	6
OK	brown	L	EL1124	4	I2	BI	7	25
	brown	L	EL1124	4	I3	BI		
	brown	L	EL1124	4	I4	BI		
Gain slider fast path bit 0	orange	L	EL2124	5	O1	BO	7	1
Gain slider fast path bit 1	orange	L	EL2124	5	O2	BO	7	20
Gain slider fast path bit 2	orange	L	EL2124	5	O3	BO	7	2
Gain slider fast path bit 3	orange	L	EL2124	5	O4	BO	7	21
5VRET_1	black	L	EL2124	6	-	P	7	4
Gain slider fast path bit 4	orange	L	EL2124	6	O1	BO	7	3
Gain slider fast path bit 5	orange	L	EL2124	6	O2	BO	7	22
Excitation B enable	orange	L	EL2124	6	O3	BO	7	23
Option B enable	orange	L	EL2124	6	O4	BO	7	5
LE	orange	L	EL2124	7	O1	BO	7	24
Excitation slow path	orange	L	EL2124	7	O2	BO	7	7
Polarity input 1 path	orange	L	EL2124	7	O3	BO	7	26
Polarity input 2 path	orange	L	EL2124	7	O4	BO	7	8
5VRET_1	black	L	EL2124	8	-	P	8	4
Gain slider input 1 bit 0	orange	L	EL2124	8	O1	BO	8	1
Gain slider input 1 bit 1	orange	L	EL2124	8	O2	BO	8	20
Gain slider input 1 bit 2	orange	L	EL2124	8	O3	BO	8	2
Gain slider input 1 bit 3	orange	L	EL2124	8	O4	BO	8	21

Gain slider input 1 bit 4	orange	L	EL2124	9	O1	BO	8	3
Gain slider input 1 bit 5	orange	L	EL2124	9	O2	BO	8	22
Gain slider input 2 bit 0	orange	L	EL2124	9	O3	BO	8	23
Gain slider input 2 bit 1	orange	L	EL2124	9	O4	BO	8	5
Gain slider input 2 bit 2	orange	L	EL2124	10	O1	BO	8	24
Gain slider input 2 bit 3	orange	L	EL2124	10	O2	BO	8	6
Gain slider input 2 bit 4	orange	L	EL2124	10	O3	BO	8	25
Gain slider input 2 bit 5	orange	L	EL2124	10	O4	BO	8	7
Input 1 enable	orange	L	EL2124	12	O1	BO	8	8
Input 2 enable	orange	L	EL2124	12	O2	BO	8	27
Output 1 switch	orange	L	EL2124	12	O3	BO	8	9
Boost stages bit 0	orange	L	EL2124	12	O4	BO	8	28
Boost stages bit 1	orange	L	EL2124	13	O1	BO	8	10
Compensation enable	orange	L	EL2124	13	O2	BO	8	29
Excitation A enable	orange	L	EL2124	13	O3	BO	8	30
Option A enable	orange	L	EL2124	13	O4	BO	8	12
SVRET_1	black	L	EL2124	14	-	P	8	33
Polarity slow path	orange	L	EL2124	14	O1	BO	8	31
Common filter enable	orange	L	EL2124	14	O2	BO	8	13
Fast path enable	orange	L	EL2124	14	O3	BO	8	32
Fast path polarity	orange	L	EL2124	14	O4	BO	8	14
Slow path option enable	orange	L	EL2124	15	O1	BO	8	15
Bypass enable	orange	L	EL2124	15	O2	BO	8	34
Slow output offset +5V fixed	orange	L	EL2124	15	O3	BO	8	16
Slow output offset enable	orange	L	EL2124	15	O4	BO	8	35
Slow path compensation enable	orange	L	EL2124	16	O1	BO	8	17
Slow path boost enable	orange	L	EL2124	16	O2	BO	8	36
Slow path filter enable	orange	L	EL2124	16	O3	BO	8	37
Fast path limiter enable	orange	L	EL2124	16	O4	BO	8	19
<b>Delay Line Phase Shifter A/B</b>								
SVRET_2	black	L	EL2124	18	-	P	9	14
Bit 0/A	orange	L	EL2124	18	O1	BO	9	1
Bit 1/A	orange	L	EL2124	18	O2	BO	9	2
Bit 2/A	orange	L	EL2124	18	O3	BO	9	3
Bit 3/A	orange	L	EL2124	18	O4	BO	9	4
Bit 4/A	orange	L	EL2124	19	O1	BO	9	5
Bit 5/A	orange	L	EL2124	19	O2	BO	9	6
Bit 6/A	orange	L	EL2124	19	O3	BO	9	7
Bit 7/A	orange	L	EL2124	19	O4	BO	9	8
Bit 8/A	orange	L	EL2124	20	O1	BO	9	9
LE/A	orange	L	EL2124	20	O2	BO	9	10
Bit 0/B	orange	L	EL2124	20	O3	BO	12	1
Bit 1/B	orange	L	EL2124	20	O4	BO	12	2
SVRET_2	black	L	EL2124	21	-	P	12	14
Bit 2/B	orange	L	EL2124	21	O1	BO	12	3
Bit 3/B	orange	L	EL2124	21	O2	BO	12	4
Bit 4/B	orange	L	EL2124	21	O3	BO	12	5
Bit 5/B	orange	L	EL2124	21	O4	BO	12	6
Bit 6/B	orange	L	EL2124	22	O1	BO	12	7
Bit 7/B	orange	L	EL2124	22	O2	BO	12	8
Bit 8/B	orange	L	EL2124	22	O3	BO	12	9
LE/B	orange	L	EL2124	22	O4	BO	12	10

Squeezer Controls Chassis 5				Middle Rail				
Name	Color	RaiM	Module	Number	Channel	Type	Adapter	Pin
<b>Power</b>								
24V	violet	M	OMRON	DC_3	24V	P	TBLOCK	
0V	gray	M	OMRON	DC_3	0V	P	TBLOCK	
24V	violet	M	EK1100	0	24V	P	TBLOCK	
0V	gray	M	EK1100	0	0V	P	TBLOCK	
5V_3	red	M	EK1100	0	+	P	DC_3	+V
5VRET_3	black	M	EK1100	0	-	P	DC_3	-V
<b>Coupler</b>								
Output	CAT5	M	EK1100	0	X2	Comm.	R/0	X1
<b>Common Mode Servo B</b>								
Legacy PD Status	brown	M	EL1124	1	I1	BI	6	22
	brown	M	EL1124	1	I2	BI	6	
	brown	M	EL1124	1	I3	BI	6	
	brown	M	EL1124	1	I4	BI	6	
5VRET_3	black	M	EL2124	2	-	P	6	19
Legacy PD D0	orange	M	EL2124	2	O1	BO	6	2
Legacy PD D1	orange	M	EL2124	2	O2	BO	6	21
Legacy PD D2	orange	M	EL2124	2	O3	BO	6	3
	orange	M	EL2124	2	O4	BO	6	
DC3_RET	black	M	EL3102	3	COM	P	DC3	-V
Legacy PD Monitor 1 +	green	M	EL3102	3	+11	AI	6	1
Legacy PD Monitor 1 -	white	M	EL3102	3	-11	AI	6	20
	green	M	EL3102	3	+12	AI	6	
	white	M	EL3102	3	-12	AI	6	

Squeezer Controls Chassis 5				Right Rail				
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin
Power								