

Corner Station Controls Chassis 6		Left Rail						
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin
Power								
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	12	24V	P	TBLOCK	
0V	gray	L	EL9410	12	0V	P	TBLOCK	
5V_3	red	L	EL9410	12	+	P	DC_2	+V
5VRET_3	black	L	EL9410	12	-	P	DC_2	-V
24V	violet	L	OMRON	DC_2	24V	P	TBLOCK	
0V	gray	L	OMRON	DC_2	0V	P	TBLOCK	
Coupler								
Input	CAT5	L	EK1101	0	X1	Comm.	IN	
Output	CAT5	L	EK1101	0	X2	Comm.	OUT	
RF Amplifier B								
GND	black	L	EL3102	1	COM	P	9	20
Monitor 1 +	green	L	EL3102	1	+1	AI	9	1
Monitor 1 -	white	L	EL3102	1	-1	AI	9	14
OK +	green	L	EL3102	1	+12	AI	9	7
OK -	white	L	EL3102	1	-12	AI	9	20
RF Amplifier A								
GND	black	L	EL3102	2	COM	P	8	20
Monitor 1 +	green	L	EL3102	2	+1	AI	8	1
Monitor 1 -	white	L	EL3102	2	-1	AI	8	14
OK +	green	L	EL3102	2	+12	AI	8	7
OK -	white	L	EL3102	2	-12	AI	8	20
Low Noise VCO w/ PLL B								
Monitor 1 +	green	L	EL3104	3	+1	AI	7	1
Monitor 1 -	white	L	EL3104	3	-1	AI	7	14
Monitor 2 +	green	L	EL3104	3	+12	AI	7	2
Monitor 2 -	white	L	EL3104	3	-12	AI	7	15
Monitor 3 +	green	L	EL3104	3	+13	AI	7	3
Monitor 3 -	white	L	EL3104	3	-13	AI	7	16
Temp 1 +	green	L	EL3104	3	+14	AI	7	4
Temp 1 -	white	L	EL3104	3	-14	AI	7	17
PLL error signal +	green	L	EL3104	4	+1	AI	6	1
PLL error signal -	white	L	EL3104	4	-1	AI	6	14
PLL control signal +	green	L	EL3104	4	+12	AI	6	2
PLL control signal -	white	L	EL3104	4	-12	AI	6	15
Tune monitor +	green	L	EL3104	4	+13	AI	7	10
Tune monitor -	white	L	EL3104	4	-13	AI	7	23
Spare +	green	L	EL3104	4	+14	AI	7	12
Spare -	white	L	EL3104	4	-14	AI	7	25
Tune adjust +	blue	L	EL4132	5	O1	AO	7	11
Tune adjust -	yellow	L	EL4132	5	COM	AO	7	24
PLL Offset adjust +	blue	L	EL4132	5	O2	AO	6	3
PLL Offset adjust -	yellow	L	EL4132	5	COM	AO	6	16
5VRET_1	black	L	EL1124	6	-	P	7	20
5VRET_1	black	L	EL1124	6	-	P	6	13
Excitation switch	brown	L	EL1124	6	I1	BI	7	9
OK	brown	L	EL1124	6	I2	BI	7	7
PLL OK	brown	L	EL1124	6	I3	BI	6	25
	brown	L	EL1124	6	I4	BI		
Excitation enable	orange	L	EL2124	7	O1	BO	7	8
	orange	L	EL2124	7	O2	BO		
PLL input enable	orange	L	EL2124	7	O3	BO	6	4
PLL sign	orange	L	EL2124	7	O4	BO	6	17
PLL first compensation	orange	L	EL2124	8	O1	BO	6	5
PLL second compensation	orange	L	EL2124	8	O2	BO	6	18
PLL gain slider input 2 bit 0	orange	L	EL2124	8	O3	BO	6	6
PLL gain slider input 2 bit 1	orange	L	EL2124	8	O4	BO	6	19

PLL gain slider input 2 bit 2	orange	L	EL2124	9	O1	BO	6	7
PLL gain slider input 2 bit 3	orange	L	EL2124	9	O2	BO	6	20
PLL gain slider input 2 bit 4	orange	L	EL2124	9	O3	BO	6	8
PLL gain slider input 2 bit 5	orange	L	EL2124	9	O4	BO	6	21
PLL option	orange	L	EL2124	10	O1	BO	6	9
PLL output enable	orange	L	EL2124	10	O2	BO	6	22
PLL integrator	orange	L	EL2124	10	O3	BO	6	10
PLL generic filter	orange	L	EL2124	10	O4	BO	6	23
PLL VCO filter	orange	L	EL2124	11	O1	BO	6	11
PLL Low pass	orange	L	EL2124	11	O2	BO	6	24
PLL Excitation enable	orange	L	EL2124	11	O3	BO	6	12
	orange	L	EL2124	11	O4	BO		
Low Noise VCO w/ PLL A								
Monitor 1 +	green	L	EL3104	13	+1	AI	5	1
Monitor 1 –	white	L	EL3104	13	-1	AI	5	14
Monitor 2 +	green	L	EL3104	13	+2	AI	5	2
Monitor 2 –	white	L	EL3104	13	-2	AI	5	15
Monitor 3 +	green	L	EL3104	13	+3	AI	5	3
Monitor 3 –	white	L	EL3104	13	-3	AI	5	16
Temp 1 +	green	L	EL3104	13	+4	AI	5	4
Temp 1 –	white	L	EL3104	13	-4	AI	5	17
PLL error signal +	green	L	EL3104	14	+1	AI	4	1
PLL error signal –	white	L	EL3104	14	-1	AI	4	14
PLL control signal +	green	L	EL3104	14	+2	AI	4	2
PLL control signal –	white	L	EL3104	14	-2	AI	4	15
Tune monitor +	green	L	EL3104	14	+3	AI	5	10
Tune monitor –	white	L	EL3104	14	-3	AI	5	23
Spare +	green	L	EL3104	14	+4	AI	5	12
Spare –	white	L	EL3104	14	-4	AI	5	25
Tune adjust +	blue	L	EL4132	15	O1	AO	5	11
Tune adjust –	yellow	L	EL4132	15	COM	AO	5	24
PLL Offset adjust +	blue	L	EL4132	15	O2	AO	4	3
PLL Offset adjust –	yellow	L	EL4132	15	COM	AO	4	16
SVRET_1	black	L	EL1124	16	-	P	5	20
SVRET_1	black	L	EL1124	16	-	P	4	13
Excitation switch	brown	L	EL1124	16	I1	BI	5	9
OK	brown	L	EL1124	16	I2	BI	5	7
PLL OK	brown	L	EL1124	16	I3	BI	4	25
	brown	L	EL1124	16	I4	BI		
Excitation enable	orange	L	EL2124	17	O1	BO	5	8
	orange	L	EL2124	17	O2	BO		
PLL input enable	orange	L	EL2124	17	O3	BO	4	4
PLL sign	orange	L	EL2124	17	O4	BO	4	17
PLL first compensation	orange	L	EL2124	18	O1	BO	4	5
PLL second compensation	orange	L	EL2124	18	O2	BO	4	18
PLL gain slider input 2 bit 0	orange	L	EL2124	18	O3	BO	4	6
PLL gain slider input 2 bit 1	orange	L	EL2124	18	O4	BO	4	19
PLL gain slider input 2 bit 2	orange	L	EL2124	19	O1	BO	4	7
PLL gain slider input 2 bit 3	orange	L	EL2124	19	O2	BO	4	20
PLL gain slider input 2 bit 4	orange	L	EL2124	19	O3	BO	4	8
PLL gain slider input 2 bit 5	orange	L	EL2124	19	O4	BO	4	21
PLL option	orange	L	EL2124	20	O1	BO	4	9
PLL output enable	orange	L	EL2124	20	O2	BO	4	22
PLL integrator	orange	L	EL2124	20	O3	BO	4	10
PLL generic filter	orange	L	EL2124	20	O4	BO	4	23
PLL VCO filter	orange	L	EL2124	21	O1	BO	4	11
PLL Low pass	orange	L	EL2124	21	O2	BO	4	24
PLL Excitation enable	orange	L	EL2124	21	O3	BO	4	12
	orange	L	EL2124	21	O4	BO		

Corner Station Controls Chassis 6				Middle Rail				
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin

Corner Station Controls Chassis 6				Right Rail				
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin