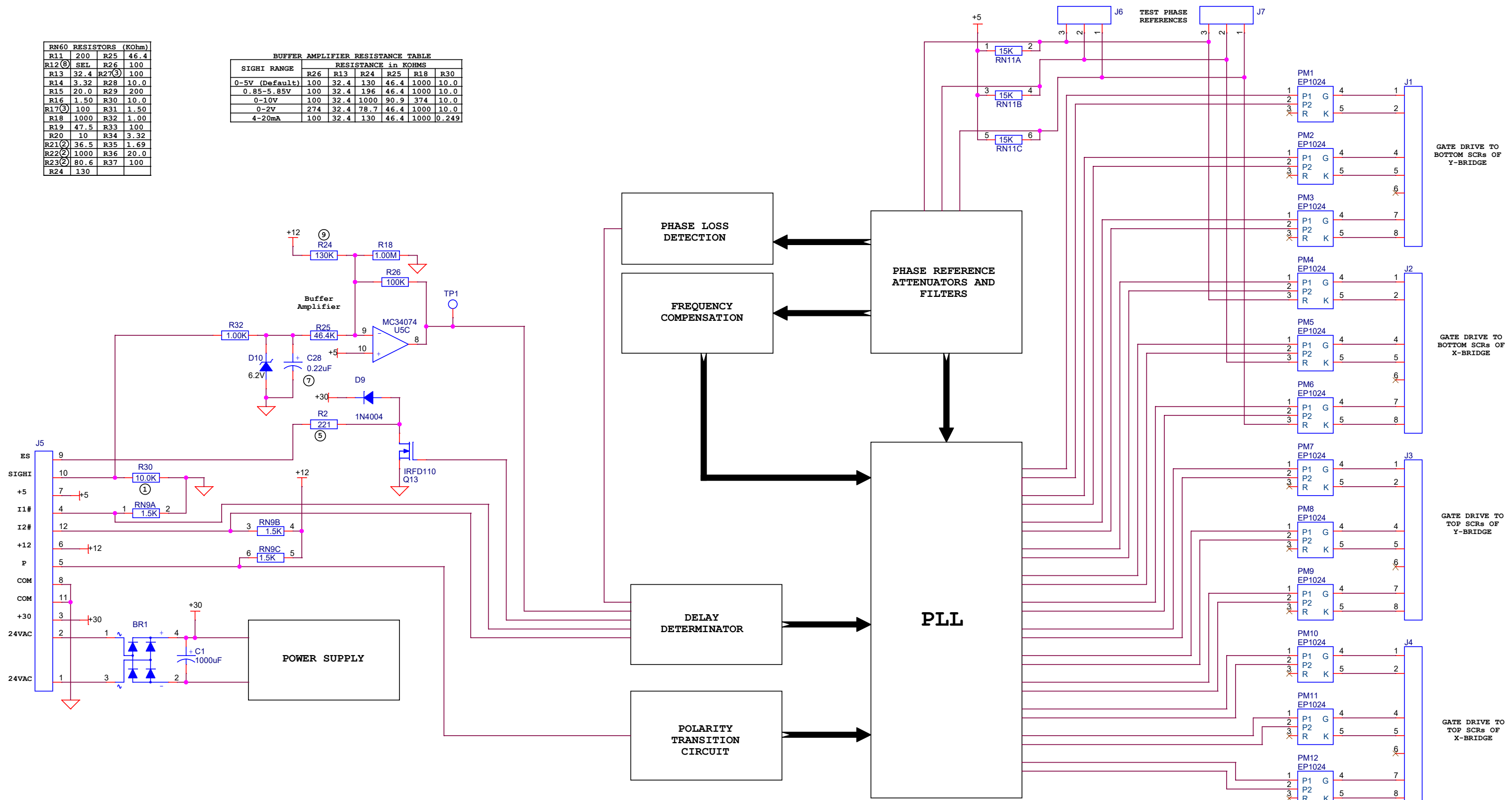


RN60 RESISTORS (KOhm)			
R11	200	R25	46.4
R12(8)	SEL	R26	100
R13	32.4	R27(3)	100
R14	3.32	R28	10.0
R15	20.0	R29	200
R16	1.50	R30	10.0
R17(3)	100	R31	1.50
R18	1000	R32	1.00
R19	47.5	R33	100
R20	10	R34	3.32
R21(2)	36.5	R35	1.69
R22(2)	1000	R36	20.0
R23(2)	80.6	R37	100
R24	130		

SIGHI RANGE	RESISTANCE in KOHMS					
	R26	R13	R24	R25	R18	R30
0-5V (Default)	100	32.4	130	46.4	1000	10.0
0.85-5.85V	100	32.4	196	46.4	1000	10.0
0-10V	100	32.4	1000	90.9	374	10.0
0-2V	274	32.4	78.7	46.4	1000	10.0
4-20mA	100	32.4	130	46.4	1000	0.249



- NOTES:
- 1- For current signal input, select R30 to give SIG HI = +5.0 V with maximum signal current
  - 2- Select R21 for desired PLL delay angle span, where  $dSPAN = dMAX - dMIN$ .  
Select R22 and R23 for desired PLL delay angle bias, where  $dBIAS = 90 - (dMAX + dMIN)/2$ .
  - 3- Select R27 for desired soft-start time.  
Select R28 for desired soft-stop time.
  - 4- For 120 deg. burst gating, remove JUI; otherwise gating is 2-30 deg. burst mode.
  - 5- Select R2 resistance to provide desired status relay or lamp voltage.
  - 6- Refer to buffer amplifier resistance table for SIG HI range other than 0 to 5 V.
  - 7- Select C28 capacitance in conjunction with SIG HI source resistance to reduce the firing circuit bandwidth.
  - 8- Select R12 resistance to make  $V_c = 5.00 \pm .05$  V at TP2 with  $F = 60$  Hz.