भारत इलेक्ट्रॉनिक्स
BHARAT ELECTRONICS

TYPE-6 SIGNAL CONDITIONING CARD TEST REPORT

SL NO.:011

DATE:22-Jan-2022

1)	LATERAL ACCELERATION AND BIT STIMULUS-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=0V,J2/B12=5V)	P3/A1 & P3/C1	-0.1	0.1	0.000311	Volts DC	PASS
2	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=0V,J2/B12=5V)	P3/B1 & P3/C1	-0.1	0.1	0.000316	Volts DC	PASS
3	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=0V,J2/B12=5V)	P3/A1 & P3/C1	4.4316	4.6124	4.522329	Volts DC	PASS
4	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=0V,J2/B12=5V)	P3/B1 & P3/C1	4.4316	4.6124	4.519024	Volts DC	PASS
5	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=0V,J2/B12=5V)	P3/A1 & P3/C1	-4.6124	-4.4316	-4.521106	Volts DC	PASS
6	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=0V,J2/B12=5V)	P3/B1 & P3/C1	-4.6124	-4.4316	-4.517751	Volts DC	PASS
7	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=5V,J2/A2=0V,J2/B12=5V)	P3/A1 & P3/C1	-0.1	0.1	-4.521276	Volts DC	FAIL
8	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=5V,J2/A2=0V,J2/B12=5V)	P3/B1 & P3/C1	-4.6124	-4.4316	-4.517815	Volts DC	PASS
9	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=5V,J2/B12=5V)	P3/A1 & P3/C1	-4.6124	-4.4316	-4.521315	Volts DC	PASS
10	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=5V,J2/B12=5V)	P3/B1 & P3/C1	-0.1	0.1	-0.006652	Volts DC	PASS

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11	0V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=0V,J2/B12=5V)	P3/A1 & P3/C1	-0.1	0.1	0.002482	Volts DC	PASS
12	0V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=0V,J2/B12=5V)	P3/B1 & P3/C1	-0.1	0.1	-0.00556	Volts DC	PASS
13	-9V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=0V,J2/B12=5V)	P3/A1 & P3/C1	4.4316	4.6124	4.497921	Volts DC	PASS
14	-9V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=0V,J2/B12=5V)	P3/B1 & P3/C1	4.4316	4.6124	4.492339	Volts DC	PASS
15	9V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=0V,J2/B12=5V)	P3/A1 & P3/C1	-4.6124	-4.4316	-4.45438	Volts DC	PASS
16	9V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=0V,J2/B12=5V)	P3/B1 & P3/C1	-4.6124	-4.4316	-4.50666	Volts DC	PASS
17	9V at J3/B11 and GND(J2/B9=5V,J2/A1=5V,J2/A2=0V,J2/B12=5V)	P3/A1 & P3/C1	-0.1	0.1	-4.513312	Volts DC	FAIL
18	9V at J3/B11 and GND(J2/B9=5V,J2/A1=5V,J2/A2=0V,J2/B12=5V)	P3/B1 & P3/C1	-4.6124	-4.4316	-4.511122	Volts DC	PASS
19	9V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=5V,J2/B12=5V)	P3/A1 & P3/C1	-4.6124	-4.4316	-4.515413	Volts DC	PASS
20	9V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=5V,J2/B12=5V)	P3/B1 & P3/C1	-0.1	0.1	-0.005574	Volts DC	PASS
21	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=0V,J2/B12=0V)	P3/A1 & P3/C1	-0.1	0.1	-0.002716	Volts DC	PASS
22	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=0V,J2/B12=0V)	P3/B1 & P3/C1	-0.1	0.1	-0.001488	Volts DC	PASS
23	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=0V,J2/B12=0V)	P3/A1 & P3/C1	4.535	4.719	4.626021	Volts DC	PASS
24	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=0V,J2/B12=0V)	P3/B1 & P3/C1	4.535	4.719	4.624853	Volts DC	PASS
25	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=0V,J2/B12=0V)	P3/A1 & P3/C1	-4.719	-4.535	-4.625428	Volts DC	PASS

26	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=0V,J2/B12=0V)	P3/B1 & P3/C1	-4.719	-4.535	-4.62422	Volts DC	PASS
27	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=5V,J2/A2=0V,J2/B12=0V)	P3/A1 & P3/C1	-0.1	0.1	-4.625597	Volts DC	FAIL
28	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=5V,J2/A2=0V,J2/B12=0V)	P3/B1 & P3/C1	-4.719	-4.535	-4.624282	Volts DC	PASS
29	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=5V,J2/B12=0V)	P3/A1 & P3/C1	-4.719	-4.535	-4.625632	Volts DC	PASS
30	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A1=0V,J2/A2=5V,J2/B12=0V)	P3/B1 & P3/C1	-0.1	0.1	-0.006979	Volts DC	PASS
31	0V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=0V,J2/B12=0V)	P3/A1 & P3/C1	-0.1	0.1	-0.01482	Volts DC	PASS
32	0V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=0V,J2/B12=0V)	P3/B1 & P3/C1	-0.1	0.1	-0.00576	Volts DC	PASS
33	-9V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=0V,J2/B12=0V)	P3/A1 & P3/C1	4.535	4.719	4.604051	Volts DC	PASS
34	-9V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=0V,J2/B12=0V)	P3/B1 & P3/C1	4.535	4.719	4.611	Volts DC	PASS
35	9V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=0V,J2/B12=0V)	P3/A1 & P3/C1	-4.719	-4.535	-4.61019	Volts DC	PASS
36	9V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=0V,J2/B12=0V)	P3/B1 & P3/C1	-4.719	-4.535	-4.616725	Volts DC	PASS
37	9V at J3/B11 and GND(J2/B9=5V,J2/A1=5V,J2/A2=0V,J2/B12=0V)	P3/A1 & P3/C1	-0.1	0.1	-4.619558	Volts DC	FAIL
38	9V at J3/B11 and GND(J2/B9=5V,J2/A1=5V,J2/A2=0V,J2/B12=0V)	P3/B1 & P3/C1	-4.719	-4.535	-4.618844	Volts DC	PASS
39	9V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=5V,J2/B12=0V)	P3/A1 & P3/C1	-4.719	-4.535	-4.620665	Volts DC	PASS
40	9V at J3/B11 and GND(J2/B9=5V,J2/A1=0V,J2/A2=5V,J2/B12=0V)	P3/B1 & P3/C1	-0.1	0.1	-0.005333	Volts DC	PASS

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2)	LATERAL ACCELERATION AND BIT STIMULUS-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=0V,J2/B12=5V)	P3/A2 & P3/C2	-0.1	0.1	-0.000005	Volts DC	PASS
2	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=0V,J2/B12=5V)	P3/B2 & P3/C2	-0.1	0.1	0.000065	Volts DC	PASS
3	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=0V,J2/B12=5V)	P3/A2 & P3/C2	4.4316	4.6124	4.521998	Volts DC	PASS
4	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=0V,J2/B12=5V)	P3/B2 & P3/C2	4.4316	4.6124	4.520735	Volts DC	PASS
5	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=0V,J2/B12=5V)	P3/A2 & P3/C2	-4.6124	-4.4316	-4.521563	Volts DC	PASS
6	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=0V,J2/B12=5V)	P3/B2 & P3/C2	-4.6124	-4.4316	-4.520132	Volts DC	PASS
7	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=5V,J2/A4=0V,J2/B12=5V)	P3/A2 & P3/C2	-0.1	0.1	-0.007721	Volts DC	PASS
8	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=5V,J2/A4=0V,J2/B12=5V)	P3/B2 & P3/C2	-4.6124	-4.4316	-4.520195	Volts DC	PASS
9	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=5V,J2/B12=5V)	P3/A2 & P3/C2	-4.6124	-4.4316	-4.521734	Volts DC	PASS
10	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=5V,J2/B12=5V)	P3/B2 & P3/C2	-0.1	0.1	-0.008101	Volts DC	PASS
11	0V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=0V,J2/B12=5V)	P3/A2 & P3/C2	-0.1	0.1	0.012446	Volts DC	PASS
12	0V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=0V,J2/B12=5V)	P3/B2 & P3/C2	-0.1	0.1	0.003595	Volts DC	PASS
13	-9V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=0V,J2/B12=5V)	P3/A2 & P3/C2	4.4316	4.6124	4.499255	Volts DC	PASS

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14	-9V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=0V,J2/B12=5V)	P3/B2 & P3/C2	4.4316	4.6124	4.500052	Volts DC	PASS
15	9V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=0V,J2/B12=5V)	P3/A2 & P3/C2	-4.6124	-4.4316	-4.493485	Volts DC	PASS
16	9V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=0V,J2/B12=5V)	P3/B2 & P3/C2	-4.6124	-4.4316	-4.507524	Volts DC	PASS
17	9V at J3/B12 and GND(J2/B9=5V,J2/A3=5V,J2/A4=0V,J2/B12=5V)	P3/A2 & P3/C2	-0.1	0.1	0.006905	Volts DC	PASS
18	9V at J3/B12 and GND(J2/B9=5V,J2/A3=5V,J2/A4=0V,J2/B12=5V)	P3/B2 & P3/C2	-4.6124	-4.4316	-4.511959	Volts DC	PASS
19	9V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=5V,J2/B12=5V)	P3/A2 & P3/C2	-4.6124	-4.4316	-4.514206	Volts DC	PASS
20	9V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=5V,J2/B12=5V)	P3/B2 & P3/C2	-0.1	0.1	-0.007247	Volts DC	PASS
21	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=0V,J2/B12=0V)	P3/A2 & P3/C2	-0.1	0.1	-0.002877	Volts DC	PASS
22	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=0V,J2/B12=0V)	P3/B2 & P3/C2	-0.1	0.1	-0.001508	Volts DC	PASS
23	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=0V,J2/B12=0V)	P3/A2 & P3/C2	4.535	4.719	4.626006	Volts DC	PASS
24	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=0V,J2/B12=0V)	P3/B2 & P3/C2	4.535	4.719	4.626955	Volts DC	PASS
25	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=0V,J2/B12=0V)	P3/A2 & P3/C2	-4.719	-4.535	-4.625495	Volts DC	PASS
26	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=0V,J2/B12=0V)	P3/B2 & P3/C2	-4.719	-4.535	-4.62634	Volts DC	PASS
27	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=5V,J2/A4=0V,J2/B12=0V)	P3/A2 & P3/C2	-0.1	0.1	-0.008155	Volts DC	PASS
28	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=5V,J2/A4=0V,J2/B12=0V)	P3/B2 & P3/C2	-4.719	-4.535	-4.626392	Volts DC	PASS

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29	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=5V,J2/B12=0V)	P3/A2 & P3/C2	-4.719	-4.535	-4.625751	Volts DC	PASS
30	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A3=0V,J2/A4=5V,J2/B12=0V)	P3/B2 & P3/C2	-0.1	0.1	-0.008481	Volts DC	PASS
31	0V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=0V,J2/B12=0V)	P3/A2 & P3/C2	-0.1	0.1	-0.012628	Volts DC	PASS
32	0V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=0V,J2/B12=0V)	P3/B2 & P3/C2	-0.1	0.1	-0.002796	Volts DC	PASS
33	-9V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=0V,J2/B12=0V)	P3/A2 & P3/C2	4.535	4.719	4.590123	Volts DC	PASS
34	-9V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=0V,J2/B12=0V)	P3/B2 & P3/C2	4.535	4.719	4.600852	Volts DC	PASS
35	9V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=0V,J2/B12=0V)	P3/A2 & P3/C2	-4.719	-4.535	-4.607483	Volts DC	PASS
36	9V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=0V,J2/B12=0V)	P3/B2 & P3/C2	-4.719	-4.535	-4.617121	Volts DC	PASS
37	9V at J3/B12 and GND(J2/B9=5V,J2/A3=5V,J2/A4=0V,J2/B12=0V)	P3/A2 & P3/C2	-0.1	0.1	-0.007225	Volts DC	PASS
38	9V at J3/B12 and GND(J2/B9=5V,J2/A3=5V,J2/A4=0V,J2/B12=0V)	P3/B2 & P3/C2	-4.719	-4.535	-4.619544	Volts DC	PASS
39	9V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=5V,J2/B12=0V)	P3/A2 & P3/C2	-4.719	-4.535	-4.619275	Volts DC	PASS
40	9V at J3/B12 and GND(J2/B9=5V,J2/A3=0V,J2/A4=5V,J2/B12=0V)	P3/B2 & P3/C2	-0.1	0.1	-0.007487	Volts DC	PASS

3)	LATERAL ACCELERATION AND BIT STIMULUS-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=0V,J2/B12=5V)	P3/A3 & P3/C3	-0.1	0.1	-0.000047	Volts DC	PASS
2	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=0V,J2/B12=5V)	P3/B3 & P3/C3	-0.1	0.1	0.000009	Volts DC	PASS
3	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=0V,J2/B12=5V)	P3/A3 & P3/C3	4.4316	4.6124	4.524309	Volts DC	PASS
4	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=0V,J2/B12=5V)	P3/B3 & P3/C3	4.4316	4.6124	4.520851	Volts DC	PASS
5	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=0V,J2/B12=5V)	P3/A3 & P3/C3	-4.6124	-4.4316	-4.523954	Volts DC	PASS
6	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=0V,J2/B12=5V)	P3/B3 & P3/C3	-4.6124	-4.4316	-4.520382	Volts DC	PASS
7	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=5V,J2/A6=0V,J2/B12=5V)	P3/A3 & P3/C3	-0.1	0.1	-0.007501	Volts DC	PASS
8	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=5V,J2/A6=0V,J2/B12=5V)	P3/B3 & P3/C3	-4.6124	-4.4316	-4.520451	Volts DC	PASS
9	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=5V,J2/B12=5V)	P3/A3 & P3/C3	-4.6124	-4.4316	-4.524168	Volts DC	PASS
10	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=5V,J2/B12=5V)	P3/B3 & P3/C3	-0.1	0.1	-0.008232	Volts DC	PASS
11	0V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=0V,J2/B12=5V)	P3/A3 & P3/C3	-0.1	0.1	0.013134	Volts DC	PASS
12	0V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=0V,J2/B12=5V)	P3/B3 & P3/C3	-0.1	0.1	0.003783	Volts DC	PASS
13	-9V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=0V,J2/B12=5V)	P3/A3 & P3/C3	4.4316	4.6124	4.520949	Volts DC	PASS

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14	-9V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=0V,J2/B12=5V)	P3/B3 & P3/C3	4.4316	4.6124	4.518759	Volts DC	PASS
15	9V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=0V,J2/B12=5V)	P3/A3 & P3/C3	-4.6124	-4.4316	-4.484199	Volts DC	PASS
16	9V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=0V,J2/B12=5V)	P3/B3 & P3/C3	-4.6124	-4.4316	-4.5058	Volts DC	PASS
17	9V at J3/B13 and GND(J2/B9=5V,J2/A5=5V,J2/A6=0V,J2/B12=5V)	P3/A3 & P3/C3	-0.1	0.1	-0.006046	Volts DC	PASS
18	9V at J3/B13 and GND(J2/B9=5V,J2/A5=5V,J2/A6=0V,J2/B12=5V)	P3/B3 & P3/C3	-4.6124	-4.4316	-4.512505	Volts DC	PASS
19	9V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=5V,J2/B12=5V)	P3/A3 & P3/C3	-4.6124	-4.4316	-4.517328	Volts DC	PASS
20	9V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=5V,J2/B12=5V)	P3/B3 & P3/C3	-0.1	0.1	-0.006797	Volts DC	PASS
21	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=0V,J2/B12=0V)	P3/A3 & P3/C3	-0.1	0.1	-0.002873	Volts DC	PASS
22	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=0V,J2/B12=0V)	P3/B3 & P3/C3	-0.1	0.1	-0.001538	Volts DC	PASS
23	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=0V,J2/B12=0V)	P3/A3 & P3/C3	4.535	4.719	4.628387	Volts DC	PASS
24	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=0V,J2/B12=0V)	P3/B3 & P3/C3	4.535	4.719	4.627084	Volts DC	PASS
25	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=0V,J2/B12=0V)	P3/A3 & P3/C3	-4.719	-4.535	-4.627984	Volts DC	PASS
26	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=0V,J2/B12=0V)	P3/B3 & P3/C3	-4.719	-4.535	-4.62659	Volts DC	PASS
27	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=5V,J2/A6=0V,J2/B12=0V)	P3/A3 & P3/C3	-0.1	0.1	-0.007947	Volts DC	PASS
28	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=5V,J2/A6=0V,J2/B12=0V)	P3/B3 & P3/C3	-4.719	-4.535	-4.626661	Volts DC	PASS

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29	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=5V,J2/B12=0V)	P3/A3 & P3/C3	-4.719	-4.535	-4.628233	Volts DC	PASS
30	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A5=0V,J2/A6=5V,J2/B12=0V)	P3/B3 & P3/C3	-0.1	0.1	-0.008598	Volts DC	PASS
31	0V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=0V,J2/B12=0V)	P3/A3 & P3/C3	-0.1	0.1	-0.014916	Volts DC	PASS
32	0V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=0V,J2/B12=0V)	P3/B3 & P3/C3	-0.1	0.1	-0.003059	Volts DC	PASS
33	-9V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=0V,J2/B12=0V)	P3/A3 & P3/C3	4.535	4.719	4.611449	Volts DC	PASS
34	-9V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=0V,J2/B12=0V)	P3/B3 & P3/C3	4.535	4.719	4.619951	Volts DC	PASS
35	9V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=0V,J2/B12=0V)	P3/A3 & P3/C3	-4.719	-4.535	-4.609668	Volts DC	PASS
36	9V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=0V,J2/B12=0V)	P3/B3 & P3/C3	-4.719	-4.535	-4.618858	Volts DC	PASS
37	9V at J3/B13 and GND(J2/B9=5V,J2/A5=5V,J2/A6=0V,J2/B12=0V)	P3/A3 & P3/C3	-0.1	0.1	-0.006319	Volts DC	PASS
38	9V at J3/B13 and GND(J2/B9=5V,J2/A5=5V,J2/A6=0V,J2/B12=0V)	P3/B3 & P3/C3	-4.719	-4.535	-4.621578	Volts DC	PASS
39	9V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=5V,J2/B12=0V)	P3/A3 & P3/C3	-4.719	-4.535	-4.623604	Volts DC	PASS
40	9V at J3/B13 and GND(J2/B9=5V,J2/A5=0V,J2/A6=5V,J2/B12=0V)	P3/B3 & P3/C3	-0.1	0.1	-0.007062	Volts DC	PASS

4)	LATERAL ACCELERATION AND BIT STIMULUS-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=0V,J2/B12=5V)	P3/A4 & P3/C4	-0.1	0.1	-0.000332	Volts DC	PASS
2	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=0V,J2/B12=5V)	P3/B4 & P3/C4	-0.1	0.1	-0.000202	Volts DC	PASS
3	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=0V,J2/B12=5V)	P3/A4 & P3/C4	4.4316	4.6124	4.523187	Volts DC	PASS
4	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=0V,J2/B12=5V)	P3/B4 & P3/C4	4.4316	4.6124	4.520138	Volts DC	PASS
5	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=0V,J2/B12=5V)	P3/A4 & P3/C4	-4.6124	-4.4316	-4.522925	Volts DC	PASS
6	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=0V,J2/B12=5V)	P3/B4 & P3/C4	-4.6124	-4.4316	-4.519688	Volts DC	PASS
7	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=5V,J2/A8=0V,J2/B12=5V)	P3/A4 & P3/C4	-0.1	0.1	-0.007423	Volts DC	PASS
8	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=5V,J2/A8=0V,J2/B12=5V)	P3/B4 & P3/C4	-4.6124	-4.4316	-4.519757	Volts DC	PASS
9	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=5V,J2/B12=5V)	P3/A4 & P3/C4	-4.6124	-4.4316	-4.523144	Volts DC	PASS
10	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=5V,J2/B12=5V)	P3/B4 & P3/C4	-0.1	0.1	-0.008063	Volts DC	PASS
11	0V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=0V,J2/B12=5V)	P3/A4 & P3/C4	-0.1	0.1	0.014288	Volts DC	PASS
12	0V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=0V,J2/B12=5V)	P3/B4 & P3/C4	-0.1	0.1	0.003885	Volts DC	PASS
13	-9V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=0V,J2/B12=5V)	P3/A4 & P3/C4	4.4316	4.6124	4.492442	Volts DC	PASS

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14	-9V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=0V,J2/B12=5V)	P3/B4 & P3/C4	4.4316	4.6124	4.49233	Volts DC	PASS
15	9V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=0V,J2/B12=5V)	P3/A4 & P3/C4	-4.6124	-4.4316	-4.498302	Volts DC	PASS
16	9V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=0V,J2/B12=5V)	P3/B4 & P3/C4	-4.6124	-4.4316	-4.508333	Volts DC	PASS
17	9V at J3/B14 and GND(J2/B9=5V,J2/A7=5V,J2/A8=0V,J2/B12=5V)	P3/A4 & P3/C4	-0.1	0.1	-0.006122	Volts DC	PASS
18	9V at J3/B14 and GND(J2/B9=5V,J2/A7=5V,J2/A8=0V,J2/B12=5V)	P3/B4 & P3/C4	-4.6124	-4.4316	-4.511918	Volts DC	PASS
19	9V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=5V,J2/B12=5V)	P3/A4 & P3/C4	-4.6124	-4.4316	-4.515882	Volts DC	PASS
20	9V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=5V,J2/B12=5V)	P3/B4 & P3/C4	-0.1	0.1	-0.006669	Volts DC	PASS
21	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=0V,J2/B12=0V)	P3/A4 & P3/C4	-0.1	0.1	-0.002992	Volts DC	PASS
22	0V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=0V,J2/B12=0V)	P3/B4 & P3/C4	-0.1	0.1	-0.001577	Volts DC	PASS
23	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=0V,J2/B12=0V)	P3/A4 & P3/C4	4.535	4.719	4.627191	Volts DC	PASS
24	-9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=0V,J2/B12=0V)	P3/B4 & P3/C4	4.535	4.719	4.626281	Volts DC	PASS
25	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=0V,J2/B12=0V)	P3/A4 & P3/C4	-4.719	-4.535	-4.627071	Volts DC	PASS
26	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=0V,J2/B12=0V)	P3/B4 & P3/C4	-4.719	-4.535	-4.625918	Volts DC	PASS
27	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=5V,J2/A8=0V,J2/B12=0V)	P3/A4 & P3/C4	-0.1	0.1	-0.007553	Volts DC	PASS
28	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=5V,J2/A8=0V,J2/B12=0V)	P3/B4 & P3/C4	-4.719	-4.535	-4.626006	Volts DC	PASS

29	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=5V,J2/B12=0V)	P3/A4 & P3/C4	-4.719	-4.535	-4.627214	Volts DC	PASS
30	9V at P3/A30 and P3/C30(J2/B9=0V,J2/A7=0V,J2/A8=5V,J2/B12=0V)	P3/B4 & P3/C4	-0.1	0.1	-0.008192	Volts DC	PASS
31	0V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=0V,J2/B12=0V)	P3/A4 & P3/C4	-0.1	0.1	-0.01289	Volts DC	PASS
32	0V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=0V,J2/B12=0V)	P3/B4 & P3/C4	-0.1	0.1	-0.002726	Volts DC	PASS
33	-9V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=0V,J2/B12=0V)	P3/A4 & P3/C4	4.535	4.719	4.583801	Volts DC	PASS
34	-9V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=0V,J2/B12=0V)	P3/B4 & P3/C4	4.535	4.719	4.594214	Volts DC	PASS
35	9V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=0V,J2/B12=0V)	P3/A4 & P3/C4	-4.719	-4.535	-4.607084	Volts DC	PASS
36	9V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=0V,J2/B12=0V)	P3/B4 & P3/C4	-4.719	-4.535	-4.615882	Volts DC	PASS
37	9V at J3/B14 and GND(J2/B9=5V,J2/A7=5V,J2/A8=0V,J2/B12=0V)	P3/A4 & P3/C4	-0.1	0.1	-0.006252	Volts DC	PASS
38	9V at J3/B14 and GND(J2/B9=5V,J2/A7=5V,J2/A8=0V,J2/B12=0V)	P3/B4 & P3/C4	-4.719	-4.535	-4.618583	Volts DC	PASS
39	9V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=5V,J2/B12=0V)	P3/A4 & P3/C4	-4.719	-4.535	-4.62025	Volts DC	PASS
40	9V at J3/B14 and GND(J2/B9=5V,J2/A7=0V,J2/A8=5V,J2/B12=0V)	P3/B4 & P3/C4	-0.1	0.1	-0.006831	Volts DC	PASS

5)	NORMAL ACCELERATION AND BIT STIMULUS-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=0V,J2/B12=5V)	P3/A6 & P3/C6	0.598	0.622			
2	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=0V,J2/B12=5V)	P3/B6 & P3/C6	-0.1	0.1			
3	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=0V,J2/B12=5V)	P3/A6 & P3/C6	7.2909	7.5883			
4	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=0V,J2/B12=5V)	P3/B6 & P3/C6	6.693	6.965			
5	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=0V,J2/B12=5V)	P3/A6 & P3/C6	-6.3423	-6.0937			
6	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=0V,J2/B12=5V)	P3/B6 & P3/C6	-6.965	-6.693			
7	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=5V,J2/A10=0V,J2/B12=5V)	P3/A6 & P3/C6	-0.1	0.1			
8	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=5V,J2/A10=0V,J2/B12=5V)	P3/B6 & P3/C6	-6.965	-6.693			
9	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=5V,J2/B12=5V)	P3/A6 & P3/C6	-6.3423	-6.0937			
10	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=5V,J2/B12=5V)	P3/B6 & P3/C6	-0.1	0.1			
11	0V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=0V,J2/B12=5V)	P3/A6 & P3/C6	0.598	0.622			
12	0V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=0V,J2/B12=5V)	P3/B6 & P3/C6	-0.1	0.1			
13	-9V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=0V,J2/B12=5V)	P3/A6 & P3/C6	7.2909	7.5883			

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14	-9V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=0V,J2/B12=5V)	P3/B6 & P3/C6	6.693	6.965			
15	9V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=0V,J2/B12=5V)	P3/A6 & P3/C6	-6.3423	-6.0937			
16	9V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=0V,J2/B12=5V)	P3/B6 & P3/C6	-6.965	-6.693			
17	9V at J3/B15 and GND(J2/B10=5V,J2/A9=5V,J2/A10=0V,J2/B12=5V)	P3/A6 & P3/C6	-0.1	0.1			
18	9V at J3/B15 and GND(J2/B10=5V,J2/A9=5V,J2/A10=0V,J2/B12=5V)	P3/B6 & P3/C6	-6.965	-6.693			
19	9V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=5V,J2/B12=5V)	P3/A6 & P3/C6	-6.3423	-6.0937			
20	9V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=5V,J2/B12=5V)	P3/B6 & P3/C6	-0.1	0.1			
21	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=0V,J2/B12=0V)	P3/A6 & P3/C6	0.598	0.622			
22	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=0V,J2/B12=0V)	P3/B6 & P3/C6	-0.1	0.1			
23	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=0V,J2/B12=0V)	P3/A6 & P3/C6	7.4516	7.7556			
24	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=0V,J2/B12=0V)	P3/B6 & P3/C6	6.8532	7.1328			

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25	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=0V,J2/B12=0V)	P3/A6 & P3/C6	-6.51	-6.256			
26	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=0V,J2/B12=0V)	P3/B6 & P3/C6	-7.1328	-6.8532			
27	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=5V,J2/A10=0V,J2/B12=0V)	P3/A6 & P3/C6	-0.1	0.1			
28	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=5V,J2/A10=0V,J2/B12=0V)	P3/B6 & P3/C6	-7.1328	-6.8532			
29	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=5V,J2/B12=0V)	P3/A6 & P3/C6	-6.51	-6.256			
30	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A9=0V,J2/A10=5V,J2/B12=0V)	P3/B6 & P3/C6	-0.1	0.1			
31	0V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=0V,J2/B12=0V)	P3/A6 & P3/C6	0.598	0.622			
32	0V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=0V,J2/B12=0V)	P3/B6 & P3/C6	-0.1	0.1			
33	-9V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=0V,J2/B12=0V)	P3/A6 & P3/C6	7.4516	7.7556			
34	-9V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=0V,J2/B12=0V)	P3/B6 & P3/C6	6.8532	7.1328			
35	9V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=0V,J2/B12=0V)	P3/A6 & P3/C6	-6.51	-6.256			
36	9V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=0V,J2/B12=0V)	P3/B6 & P3/C6	-7.1328	-6.8532			

37	9V at J3/B15 and GND(J2/B10=5V,J2/A9=5V,J2/A10=0V,J2/B12=0V)	P3/A6 & P3/C6	-0.1	0.1			
38	9V at J3/B15 and GND(J2/B10=5V,J2/A9=5V,J2/A10=0V,J2/B12=0V)	P3/B6 & P3/C6	-7.1328	-6.8532			
39	9V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=5V,J2/B12=0V)	P3/A6 & P3/C6	-6.51	-6.256			
40	9V at J3/B15 and GND(J2/B10=5V,J2/A9=0V,J2/A10=5V,J2/B12=0V)	P3/B6 & P3/C6	-0.1	0.1			

6)	**NORMAL ACCELERATION AND BIT STIMULUS-CHANNEL-2**						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=0V,J2/B12=5V)	P3/A7 & P3/C7	0.598	0.622			
2	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=0V,J2/B12=5V)	P3/B7 & P3/C7	-0.1	0.1			
3	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=0V,J2/B12=5V)	P3/A7 & P3/C7	7.2909	7.5883			
4	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=0V,J2/B12=5V)	P3/B7 & P3/C7	6.693	6.965			
5	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=0V,J2/B12=5V)	P3/A7 & P3/C7	-6.3423	-6.0937			
6	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=0V,J2/B12=5V)	P3/B7 & P3/C7	-6.965	-6.693			
7	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=5V,J2/A12=0V,J2/B12=5V)	P3/A7 & P3/C7	-0.1	0.1			
8	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=5V,J2/A12=0V,J2/B12=5V)	P3/B7 & P3/C7	-6.965	-6.693			

9	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=5V,J2/B12=5V)	P3/A7 & P3/C7	-6.3423	-6.0937			
10	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=5V,J2/B12=5V)	P3/B7 & P3/C7	-0.1	0.1			
11	0V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=0V,J2/B12=5V)	P3/A7 & P3/C7	0.598	0.622			
12	0V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=0V,J2/B12=5V)	P3/B7 & P3/C7	-0.1	0.1			
13	-9V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=0V,J2/B12=5V)	P3/A7 & P3/C7	7.2909	7.5883			
14	-9V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=0V,J2/B12=5V)	P3/B7 & P3/C7	6.693	6.965			
15	9V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=0V,J2/B12=5V)	P3/A7 & P3/C7	-6.3423	-6.0937			
16	9V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=0V,J2/B12=5V)	P3/B7 & P3/C7	-6.965	-6.693			
17	9V at J3/B16 and GND(J2/B10=5V,J2/A11=5V,J2/A12=0V,J2/B12=5V)	P3/A7 & P3/C7	-0.1	0.1			
18	9V at J3/B16 and GND(J2/B10=5V,J2/A11=5V,J2/A12=0V,J2/B12=5V)	P3/B7 & P3/C7	-6.965	-6.693			
19	9V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=5V,J2/B12=5V)	P3/A7 & P3/C7	-6.3423	-6.0937			
20	9V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=5V,J2/B12=5V)	P3/B7 & P3/C7	-0.1	0.1			
21	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=0V,J2/B12=0V)	P3/A7 & P3/C7	0.598	0.622			
22	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=0V,J2/B12=0V)	P3/B7 & P3/C7	-0.1	0.1			
23	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=0V,J2/B12=0V)	P3/A7 & P3/C7	7.4516	7.7556			

24	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=0V,J2/B12=0V)	P3/B7 & P3/C7	6.8532	7.1328			
25	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=0V,J2/B12=0V)	P3/A7 & P3/C7	-6.51	-6.256			
26	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=0V,J2/B12=0V)	P3/B7 & P3/C7	-7.1328	-6.8532			
27	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=5V,J2/A12=0V,J2/B12=0V)	P3/A7 & P3/C7	-0.1	0.1			
28	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=5V,J2/A12=0V,J2/B12=0V)	P3/B7 & P3/C7	-7.1328	-6.8532			
29	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=5V,J2/B12=0V)	P3/A7 & P3/C7	-6.51	-6.256			
30	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A11=0V,J2/A12=5V,J2/B12=0V)	P3/B7 & P3/C7	-0.1	0.1			
31	0V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=0V,J2/B12=0V)	P3/A7 & P3/C7	0.598	0.622			
32	0V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=0V,J2/B12=0V)	P3/B7 & P3/C7	-0.1	0.1			
33	-9V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=0V,J2/B12=0V)	P3/A7 & P3/C7	7.4516	7.7556			
34	-9V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=0V,J2/B12=0V)	P3/B7 & P3/C7	6.8532	7.1328			
35	9V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=0V,J2/B12=0V)	P3/A7 & P3/C7	-6.51	-6.256			
36	9V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=0V,J2/B12=0V)	P3/B7 & P3/C7	-7.1328	-6.8532			
37	9V at J3/B16 and GND(J2/B10=5V,J2/A11=5V,J2/A12=0V,J2/B12=0V)	P3/A7 & P3/C7	-0.1	0.1			
38	9V at J3/B16 and GND(J2/B10=5V,J2/A11=5V,J2/A12=0V,J2/B12=0V)	P3/B7 & P3/C7	-7.1328	-6.8532			

39	9V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=5V,J2/B12=0V)	P3/A7 & P3/C7	-6.51	-6.256			
40	9V at J3/B16 and GND(J2/B10=5V,J2/A11=0V,J2/A12=5V,J2/B12=0V)	P3/B7 & P3/C7	-0.1	0.1			

7)	NORMAL ACCELERATION AND BIT STIMULUS-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=0V,J2/B12=5V)	P3/A8 & P3/C8	0.598	0.622			
2	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=0V,J2/B12=5V)	P3/B8 & P3/C8	-0.1	0.1			
3	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=0V,J2/B12=5V)	P3/A8 & P3/C8	7.2909	7.5883			
4	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=0V,J2/B12=5V)	P3/B8 & P3/C8	6.693	6.965			
5	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=0V,J2/B12=5V)	P3/A8 & P3/C8	-6.3423	-6.0937			
6	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=0V,J2/B12=5V)	P3/B8 & P3/C8	-6.965	-6.693			
7	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=5V,J2/A14=0V,J2/B12=5V)	P3/A8 & P3/C8	-0.1	0.1			
8	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=5V,J2/A14=0V,J2/B12=5V)	P3/B8 & P3/C8	-6.965	-6.693			
9	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=5V,J2/B12=5V)	P3/A8 & P3/C8	-6.3423	-6.0937			
10	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=5V,J2/B12=5V)	P3/B8 & P3/C8	-0.1	0.1			

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11	0V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=0V,J2/B12=5V)	P3/A8 & P3/C8	0.598	0.622			
12	0V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=0V,J2/B12=5V)	P3/B8 & P3/C8	-0.1	0.1			
13	-9V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=0V,J2/B12=5V)	P3/A8 & P3/C8	7.2909	7.5883			
14	-9V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=0V,J2/B12=5V)	P3/B8 & P3/C8	6.693	6.965			
15	9V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=0V,J2/B12=5V)	P3/A8 & P3/C8	-6.3423	-6.0937			
16	9V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=0V,J2/B12=5V)	P3/B8 & P3/C8	-6.965	-6.693			
17	9V at J3/B17 and GND(J2/B10=5V,J2/A13=5V,J2/A14=0V,J2/B12=5V)	P3/A8 & P3/C8	-0.1	0.1			
18	9V at J3/B17 and GND(J2/B10=5V,J2/A13=5V,J2/A14=0V,J2/B12=5V)	P3/B8 & P3/C8	-6.965	-6.693			
19	9V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=5V,J2/B12=5V)	P3/A8 & P3/C8	-6.3423	-6.0937			
20	9V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=5V,J2/B12=5V)	P3/B8 & P3/C8	-0.1	0.1			
21	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=0V,J2/B12=0V)	P3/A8 & P3/C8	0.598	0.622			
22	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=0V,J2/B12=0V)	P3/B8 & P3/C8	-0.1	0.1			
23	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=0V,J2/B12=0V)	P3/A8 & P3/C8	7.4516	7.7556			
24	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=0V,J2/B12=0V)	P3/B8 & P3/C8	6.8532	7.1328			
25	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=0V,J2/B12=0V)	P3/A8 & P3/C8	-6.51	-6.256			

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26	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=0V,J2/B12=0V)	P3/B8 & P3/C8	-7.1328	-6.8532			
27	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=5V,J2/A14=0V,J2/B12=0V)	P3/A8 & P3/C8	-0.1	0.1			
28	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=5V,J2/A14=0V,J2/B12=0V)	P3/B8 & P3/C8	-7.1328	-6.8532			
29	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=5V,J2/B12=0V)	P3/A8 & P3/C8	-6.51	-6.256			
30	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A13=0V,J2/A14=5V,J2/B12=0V)	P3/B8 & P3/C8	-0.1	0.1			
31	0V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=0V,J2/B12=0V)	P3/A8 & P3/C8	0.598	0.622			
32	0V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=0V,J2/B12=0V)	P3/B8 & P3/C8	-0.1	0.1			
33	-9V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=0V,J2/B12=0V)	P3/A8 & P3/C8	7.4516	7.7556			
34	-9V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=0V,J2/B12=0V)	P3/B8 & P3/C8	6.8532	7.1328			
35	9V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=0V,J2/B12=0V)	P3/A8 & P3/C8	-6.51	-6.256			
36	9V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=0V,J2/B12=0V)	P3/B8 & P3/C8	-7.1328	-6.8532			
37	9V at J3/B17 and GND(J2/B10=5V,J2/A13=5V,J2/A14=0V,J2/B12=0V)	P3/A8 & P3/C8	-0.1	0.1			

38	9V at J3/B17 and GND(J2/B10=5V,J2/A13=5V,J2/A14=0V,J2/B12=0V)	P3/B8 & P3/C8	-7.1328	-6.8532			
39	9V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=5V,J2/B12=0V)	P3/A8 & P3/C8	-6.51	-6.256			
40	9V at J3/B17 and GND(J2/B10=5V,J2/A13=0V,J2/A14=5V,J2/B12=0V)	P3/B8 & P3/C8	-0.1	0.1			

8)	**NORMAL ACCELERATION AND BIT STIMULUS-CHANNEL-4**						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=0V,J2/B12=5V)	P3/A8 & P3/C8	0.598	0.622			
2	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=0V,J2/B12=5V)	P3/B8 & P3/C8	-0.1	0.1			
3	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=0V,J2/B12=5V)	P3/A8 & P3/C8	7.2909	7.5883			
4	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=0V,J2/B12=5V)	P3/B8 & P3/C8	6.693	6.965			
5	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=0V,J2/B12=5V)	P3/A8 & P3/C8	-6.3423	-6.0937			
6	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=0V,J2/B12=5V)	P3/B8 & P3/C8	-6.965	-6.693			
7	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=5V,J2/A16=0V,J2/B12=5V)	P3/A8 & P3/C8	-0.1	0.1			
8	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=5V,J2/A16=0V,J2/B12=5V)	P3/B8 & P3/C8	-6.965	-6.693			
9	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=5V,J2/B12=5V)	P3/A8 & P3/C8	-6.3423	-6.0937			

10	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=5V,J2/B12=5V)	P3/B8 & P3/C8	-0.1	0.1			
11	0V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=0V,J2/B12=5V)	P3/A8 & P3/C8	0.598	0.622			
12	0V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=0V,J2/B12=5V)	P3/B8 & P3/C8	-0.1	0.1			
13	-9V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=0V,J2/B12=5V)	P3/A8 & P3/C8	7.2909	7.5883			
14	-9V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=0V,J2/B12=5V)	P3/B8 & P3/C8	6.693	6.965			
15	9V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=0V,J2/B12=5V)	P3/A8 & P3/C8	-6.3423	-6.0937			
16	9V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=0V,J2/B12=5V)	P3/B8 & P3/C8	-6.965	-6.693			
17	9V at J3/B18 and GND(J2/B10=5V,J2/A15=5V,J2/A16=0V,J2/B12=5V)	P3/A8 & P3/C8	-0.1	0.1			
18	9V at J3/B18 and GND(J2/B10=5V,J2/A15=5V,J2/A16=0V,J2/B12=5V)	P3/B8 & P3/C8	-6.965	-6.693			
19	9V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=5V,J2/B12=5V)	P3/A8 & P3/C8	-6.3423	-6.0937			
20	9V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=5V,J2/B12=5V)	P3/B8 & P3/C8	-0.1	0.1			
21	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=0V,J2/B12=0V)	P3/A8 & P3/C8	0.598	0.622			
22	0V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=0V,J2/B12=0V)	P3/B8 & P3/C8	-0.1	0.1			
23	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=0V,J2/B12=0V)	P3/A8 & P3/C8	7.4516	7.7556			
24	-9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=0V,J2/B12=0V)	P3/B8 & P3/C8	6.8532	7.1328			

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25	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=0V,J2/B12=0V)	P3/A8 & P3/C8	-6.51	-6.256			
26	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=0V,J2/B12=0V)	P3/B8 & P3/C8	-7.1328	-6.8532			
27	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=5V,J2/A16=0V,J2/B12=0V)	P3/A8 & P3/C8	-0.1	0.1			
28	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=5V,J2/A16=0V,J2/B12=0V)	P3/B8 & P3/C8	-7.1328	-6.8532			
29	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=5V,J2/B12=0V)	P3/A8 & P3/C8	-6.51	-6.256			
30	9V at P3/A31 and P3/C31(J2/B10=0V,J2/A15=0V,J2/A16=5V,J2/B12=0V)	P3/B8 & P3/C8	-0.1	0.1			
31	0V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=0V,J2/B12=0V)	P3/A8 & P3/C8	0.598	0.622			
32	0V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=0V,J2/B12=0V)	P3/B8 & P3/C8	-0.1	0.1			
33	-9V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=0V,J2/B12=0V)	P3/A8 & P3/C8	7.4516	7.7556			
34	-9V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=0V,J2/B12=0V)	P3/B8 & P3/C8	6.8532	7.1328			
35	9V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=0V,J2/B12=0V)	P3/A8 & P3/C8	-6.51	-6.256			
36	9V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=0V,J2/B12=0V)	P3/B8 & P3/C8	-7.1328	-6.8532			
37	9V at J3/B18 and GND(J2/B10=5V,J2/A15=5V,J2/A16=0V,J2/B12=0V)	P3/A8 & P3/C8	-0.1	0.1			
38	9V at J3/B18 and GND(J2/B10=5V,J2/A15=5V,J2/A16=0V,J2/B12=0V)	P3/B8 & P3/C8	-7.1328	-6.8532			
39	9V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=5V,J2/B12=0V)	P3/A8 & P3/C8	-6.51	-6.256			

40	9V at J3/B18 and GND(J2/B10=5V,J2/A15=0V,J2/A16=5V,J2/B12=0V)	P3/B8 & P3/C8	-0.1	0.1			

9)	LON ACCELERATION AND BIT STIMULUS-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/A32 and P3/C32(J2/B11=0V,J2/A17=0V,J2/A18=0V)	P3/A11 & P3/C11	-0.1	0.1			
2	0V at P3/A32 and P3/C32(J2/B11=0V,J2/A17=0V,J2/A18=0V)	P3/B11 & P3/C11	-0.1	0.1			
3	-9V at P3/A32 and P3/C32(J2/B11=0V,J2/A17=0V,J2/A18=0V)	P3/A11 & P3/C11	4.535	4.719			
4	-9V at P3/A32 and P3/C32(J2/B11=0V,J2/A17=0V,J2/A18=0V)	P3/B11 & P3/C11	4.535	4.719			
5	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A17=0V,J2/A18=0V)	P3/A11 & P3/C11	-4.719	-4.535			
6	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A17=0V,J2/A18=0V)	P3/B11 & P3/C11	-4.719	-4.535			
7	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A17=5V,J2/A18=0V)	P3/A11 & P3/C11	-4.719	-4.535			
8	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A17=5V,J2/A18=0V)	P3/B11 & P3/C11	-4.719	-4.535			
9	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A17=0V,J2/A18=5V)	P3/A11 & P3/C11	-4.719	-4.535			
10	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A17=0V,J2/A18=5V)	P3/B11 & P3/C11	-0.1	0.1			
11	0V at J3/B19 and GND(J2/B11=5V,J2/A17=0V,J2/A18=0V)	P3/A11 & P3/C11	-0.1	0.1			

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12	0V at J3/B19 and GND(J2/B11=5V,J2/A17=0V,J2/A18=0V)	P3/B11 & P3/C11	-0.1	0.1			
13	-9V at J3/B19 and GND(J2/B11=5V,J2/A17=0V,J2/A18=0V)	P3/A11 & P3/C11	4.535	4.719			
14	-9V at J3/B19 and GND(J2/B11=5V,J2/A17=0V,J2/A18=0V)	P3/B11 & P3/C11	4.535	4.719			
15	9V at J3/B19 and GND(J2/B11=5V,J2/A17=0V,J2/A18=0V)	P3/A11 & P3/C11	-4.719	-4.535			
16	9V at J3/B19 and GND(J2/B11=5V,J2/A17=0V,J2/A18=0V)	P3/B11 & P3/C11	-4.719	-4.535			
17	9V at J3/B19 and GND(J2/B11=5V,J2/A17=5V,J2/A18=0V)	P3/A11 & P3/C11	-4.719	-4.535			
18	9V at J3/B19 and GND(J2/B11=5V,J2/A17=5V,J2/A18=0V)	P3/B11 & P3/C11	-4.719	-4.535			
19	9V at J3/B19 and GND(J2/B11=5V,J2/A17=0V,J2/A18=5V)	P3/A11 & P3/C11	-4.719	-4.535			
20	9V at J3/B19 and GND(J2/B11=5V,J2/A17=0V,J2/A18=5V)	P3/B11 & P3/C11	-0.1	0.1			

10)	LON ACCELERATION AND BIT STIMULUS-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/A32 and P3/C32(J2/B11=0V,J2/A19=0V,J2/A20=0V)	P3/A12 & P3/C12	-0.1	0.1			
2	0V at P3/A32 and P3/C32(J2/B11=0V,J2/A19=0V,J2/A20=0V)	P3/B12 & P3/C12	-0.1	0.1			
3	-9V at P3/A32 and P3/C32(J2/B11=0V,J2/A19=0V,J2/A20=0V)	P3/A12 & P3/C12	4.535	4.719			
4	-9V at P3/A32 and P3/C32(J2/B11=0V,J2/A19=0V,J2/A20=0V)	P3/B12 & P3/C12	4.535	4.719			
5	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A19=0V,J2/A20=0V)	P3/A12 & P3/C12	-4.719	-4.535			
6	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A19=0V,J2/A20=0V)	P3/B12 & P3/C12	-4.719	-4.535			
7	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A19=5V,J2/A20=0V)	P3/A12 & P3/C12	-4.719	-4.535			
8	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A19=5V,J2/A20=0V)	P3/B12 & P3/C12	-4.719	-4.535			
9	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A19=0V,J2/A20=5V)	P3/A12 & P3/C12	-4.719	-4.535			
10	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A19=0V,J2/A20=5V)	P3/B12 & P3/C12	-0.1	0.1			
11	0V at J3/B20 and GND(J2/B11=5V,J2/A19=0V,J2/A20=0V)	P3/A12 & P3/C12	-0.1	0.1			
12	0V at J3/B20 and GND(J2/B11=5V,J2/A19=0V,J2/A20=0V)	P3/B12 & P3/C12	-0.1	0.1			
13	-9V at J3/B20 and GND(J2/B11=5V,J2/A19=0V,J2/A20=0V)	P3/A12 & P3/C12	4.535	4.719			

14	-9V at J3/B20 and GND(J2/B11=5V,J2/A19=0V,J2/A20=0V)	P3/B12 & P3/C12	4.535	4.719			
15	9V at J3/B20 and GND(J2/B11=5V,J2/A19=0V,J2/A20=0V)	P3/A12 & P3/C12	-4.719	-4.535			
16	9V at J3/B20 and GND(J2/B11=5V,J2/A19=0V,J2/A20=0V)	P3/B12 & P3/C12	-4.719	-4.535			
17	9V at J3/B20 and GND(J2/B11=5V,J2/A19=5V,J2/A20=0V)	P3/A12 & P3/C12	-4.719	-4.535			
18	9V at J3/B20 and GND(J2/B11=5V,J2/A19=5V,J2/A20=0V)	P3/B12 & P3/C12	-4.719	-4.535			
19	9V at J3/B20 and GND(J2/B11=5V,J2/A19=0V,J2/A20=5V)	P3/A12 & P3/C12	-4.719	-4.535			
20	9V at J3/B20 and GND(J2/B11=5V,J2/A19=0V,J2/A20=5V)	P3/B12 & P3/C12	-0.1	0.1			

11)	**LON ACCELERATION AND BIT STIMULUS-CHANNEL-3**						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/A32 and P3/C32(J2/B11=0V,J2/A21=0V,J2/A22=0V)	P3/A13 & P3/C13	-0.1	0.1			
2	0V at P3/A32 and P3/C32(J2/B11=0V,J2/A21=0V,J2/A22=0V)	P3/B13 & P3/C13	-0.1	0.1			
3	-9V at P3/A32 and P3/C32(J2/B11=0V,J2/A21=0V,J2/A22=0V)	P3/A13 & P3/C13	4.535	4.719			
4	-9V at P3/A32 and P3/C32(J2/B11=0V,J2/A21=0V,J2/A22=0V)	P3/B13 & P3/C13	4.535	4.719			
5	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A21=0V,J2/A22=0V)	P3/A13 & P3/C13	-4.719	-4.535			

6	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A21=0V,J2/A22=0V)	P3/B13 & P3/C13	-4.719	-4.535			
7	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A21=5V,J2/A22=0V)	P3/A13 & P3/C13	-4.719	-4.535			
8	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A21=5V,J2/A22=0V)	P3/B13 & P3/C13	-4.719	-4.535			
9	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A21=0V,J2/A22=5V)	P3/A13 & P3/C13	-4.719	-4.535			
10	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A21=0V,J2/A22=5V)	P3/B13 & P3/C13	-0.1	0.1			
11	0V at J3/B21 and GND(J2/B11=5V,J2/A21=0V,J2/A22=0V)	P3/A13 & P3/C13	-0.1	0.1			
12	0V at J3/B21 and GND(J2/B11=5V,J2/A21=0V,J2/A22=0V)	P3/B13 & P3/C13	-0.1	0.1			
13	-9V at J3/B21 and GND(J2/B11=5V,J2/A21=0V,J2/A22=0V)	P3/A13 & P3/C13	4.535	4.719			
14	-9V at J3/B21 and GND(J2/B11=5V,J2/A21=0V,J2/A22=0V)	P3/B13 & P3/C13	4.535	4.719			
15	9V at J3/B21 and GND(J2/B11=5V,J2/A21=0V,J2/A22=0V)	P3/A13 & P3/C13	-4.719	-4.535			
16	9V at J3/B21 and GND(J2/B11=5V,J2/A21=0V,J2/A22=0V)	P3/B13 & P3/C13	-4.719	-4.535			

17	9V at J3/B21 and GND(J2/B11=5V,J2/A21=5V,J2/A22=0V)	P3/A13 & P3/C13	-4.719	-4.535			
18	9V at J3/B21 and GND(J2/B11=5V,J2/A21=5V,J2/A22=0V)	P3/B13 & P3/C13	-4.719	-4.535			
19	9V at J3/B21 and GND(J2/B11=5V,J2/A21=0V,J2/A22=5V)	P3/A13 & P3/C13	-4.719	-4.535			
20	9V at J3/B21 and GND(J2/B11=5V,J2/A21=0V,J2/A22=5V)	P3/B13 & P3/C13	-0.1	0.1			

12)	**LON ACCELERATION AND BIT STIMULUS-CHANNEL-4**						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	0V at P3/A32 and P3/C32(J2/B11=0V,J2/A23=0V,J2/A24=0V)	P3/A14 & P3/C14	-0.1	0.1			
2	0V at P3/A32 and P3/C32(J2/B11=0V,J2/A23=0V,J2/A24=0V)	P3/B14 & P3/C14	-0.1	0.1			
3	-9V at P3/A32 and P3/C32(J2/B11=0V,J2/A23=0V,J2/A24=0V)	P3/A14 & P3/C14	4.535	4.719			
4	-9V at P3/A32 and P3/C32(J2/B11=0V,J2/A23=0V,J2/A24=0V)	P3/B14 & P3/C14	4.535	4.719			
5	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A23=0V,J2/A24=0V)	P3/A14 & P3/C14	-4.719	-4.535			
6	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A23=0V,J2/A24=0V)	P3/B14 & P3/C14	-4.719	-4.535			
7	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A23=5V,J2/A24=0V)	P3/A14 & P3/C14	-4.719	-4.535			
8	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A23=5V,J2/A24=0V)	P3/B14 & P3/C14	-4.719	-4.535			

9	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A23=0V,J2/A24=5V)	P3/A14 & P3/C14	-4.719	-4.535			
10	9V at P3/A32 and P3/C32(J2/B11=0V,J2/A23=0V,J2/A24=5V)	P3/B14 & P3/C14	-0.1	0.1			
11	0V at J3/B22 and GND(J2/B11=5V,J2/A23=0V,J2/A24=0V)	P3/A14 & P3/C14	-0.1	0.1			
12	0V at J3/B22 and GND(J2/B11=5V,J2/A23=0V,J2/A24=0V)	P3/B14 & P3/C14	-0.1	0.1			
13	-9V at J3/B22 and GND(J2/B11=5V,J2/A23=0V,J2/A24=0V)	P3/A14 & P3/C14	4.535	4.719			
14	-9V at J3/B22 and GND(J2/B11=5V,J2/A23=0V,J2/A24=0V)	P3/B14 & P3/C14	4.535	4.719			
15	9V at J3/B22 and GND(J2/B11=5V,J2/A23=0V,J2/A24=0V)	P3/A14 & P3/C14	-4.719	-4.535			
16	9V at J3/B22 and GND(J2/B11=5V,J2/A23=0V,J2/A24=0V)	P3/B14 & P3/C14	-4.719	-4.535			
17	9V at J3/B22 and GND(J2/B11=5V,J2/A23=5V,J2/A24=0V)	P3/A14 & P3/C14	-4.719	-4.535			
18	9V at J3/B22 and GND(J2/B11=5V,J2/A23=5V,J2/A24=0V)	P3/B14 & P3/C14	-4.719	-4.535			
19	9V at J3/B22 and GND(J2/B11=5V,J2/A23=0V,J2/A24=5V)	P3/A14 & P3/C14	-4.719	-4.535			
20	9V at J3/B22 and GND(J2/B11=5V,J2/A23=0V,J2/A24=5V)	P3/B14 & P3/C14	-0.1	0.1			

13)	ASA CABLE CONTINUITY-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B5 and GND	P2/A26 & GND	0	30			
2	TRUE at J2/B5 and GND	J2/B17 & GND	TRUE	TRUE			
3	FALSE at J2/B5 and GND	P2/A26 & GND	OPEN	OPEN			
4	FALSE at J2/B5 and GND	J2/B17 & GND	FALSE	FALSE			

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14)	ASA CABLE CONTINUITY-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B6 and GND	P2/A27 & GND	0	30			
2	TRUE at J2/B6 and GND	J2/B18 & GND	TRUE	TRUE			
3	FALSE at J2/B6 and GND	P2/A27 & GND	OPEN	OPEN			
4	FALSE at J2/B6 and GND	J2/B18 & GND	FALSE	FALSE			

15)	ASA CABLE CONTINUITY-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B7 and GND	P2/A28 & GND	0	30			
2	TRUE at J2/B7 and GND	J2/B19 & GND	TRUE	TRUE			
3	FALSE at J2/B7 and GND	P2/A28 & GND	OPEN	OPEN			
4	FALSE at J2/B7 and GND	J2/B19 & GND	FALSE	FALSE			

16)	ASA CABLE CONTINUITY-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B8 and GND	P2/A29 & GND	0	30			
2	TRUE at J2/B8 and GND	J2/B20 & GND	TRUE	TRUE			
3	FALSE at J2/B8 and GND	P2/A29 & GND	OPEN	OPEN			
4	FALSE at J2/B8 and GND	J2/B20 & GND	FALSE	FALSE			

17)	ASA POWER MONITOR-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/A6 and P2/B6	J3/B1 and GND	8.82	9.18			
2	-15V at P2/C6 and P2/B6	J3/B2 and GND	-9.18	-8.82			
3	NA	P2/A1 and P2/B1	326.34	339.66			
4	NA	P2/C1 and P2/B1	245	255			

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18)	ASA POWER MONITOR-CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/A7 and P2/B7	J3/B3 and GND	8.82	9.18			
2	-15V at P2/C7 and P2/B7	J3/B4 and GND	-9.18	-8.82			
3	NA	P2/A2 and P2/B2	326.34	339.66			
4	NA	P2/C2 and P2/B2	245	255			

19)	ASA POWER MONITOR-CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/A8 and P2/B8	J3/B5 and GND	8.82	9.18			
2	-15V at P2/C8 and P2/B8	J3/B6 and GND	-9.18	-8.82			
3	NA	P2/A3 and P2/B3	326.34	339.66			
4	NA	P2/C3 and P2/B3	245	255			

20)	ASA POWER MONITOR-CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	15V at P2/A9 and P2/B9	J3/B7 and GND	8.82	9.18			
2	-15V at P2/C9 and P2/B9	J3/B8 and GND	-9.18	-8.82			
3	NA	P2/A4 and P2/B4	326.34	339.66			
4	NA	P2/C4 and P2/B4	245	255			

21)	DFCC PSC-CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/C1 and GND	P2/A11 & P2/C11	4.9	5.1			
2	TRUE at J2/C1 and GND	P2/A11 & P2/C11	-0.1	0.1			
3	FALSE at J2/C2 and GND	P2/A16 & P2/C11	4.9	5.1			
4	TRUE at J2/C2 and GND	P2/A16 & P2/C11	-0.1	0.1			
5	FALSE at J2/C3 and GND	P2/B16 & P2/C11	4.9	5.1			
6	TRUE at J2/C3 and GND	P2/B16 & P2/C11	-0.1	0.1			

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7	FALSE at J2/C4 and GND	P2/C16 & P2/C11	4.9	5.1			
8	TRUE at J2/C4 and GND	P2/C16 & P2/C11	-0.1	0.1			
9	FALSE at J2/C5 and GND	P2/C21 & P2/C11	4.9	5.1			
10	TRUE at J2/C5 and GND	P2/C21 & P2/C11	-0.1	0.1			

22)	**DFCC PSC-CHANNEL-2**						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/C6 and GND	P2/A12 & P2/C12	4.9	5.1			
2	TRUE at J2/C6 and GND	P2/A12 & P2/C12	-0.1	0.1			
3	FALSE at J2/C7 and GND	P2/A17 & P2/C12	4.9	5.1			
4	TRUE at J2/C7 and GND	P2/A17 & P2/C12	-0.1	0.1			
5	FALSE at J2/C8 and GND	P2/B17 & P2/C12	4.9	5.1			
6	TRUE at J2/C8 and GND	P2/B17 & P2/C12	-0.1	0.1			
7	FALSE at J2/C9 and GND	P2/C17 & P2/C12	4.9	5.1			
8	TRUE at J2/C9 and GND	P2/C17 & P2/C12	-0.1	0.1			

9	FALSE at J2/C10 and GND	P2/C22 & P2/C12	4.9	5.1			
10	TRUE at J2/C10 and GND	P2/C22 & P2/C12	-0.1	0.1			

23)	**DFCC PSC-CHANNEL-3**						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/C11 and GND	P2/A13 & P2/C13	4.9	5.1			
2	TRUE at J2/C11 and GND	P2/A13 & P2/C13	-0.1	0.1			
3	FALSE at J2/C12 and GND	P2/A18 & P2/C13	4.9	5.1			
4	TRUE at J2/C12 and GND	P2/A18 & P2/C13	-0.1	0.1			
5	FALSE at J2/C13 and GND	P2/B18 & P2/C13	4.9	5.1			
6	TRUE at J2/C13 and GND	P2/B18 & P2/C13	-0.1	0.1			
7	FALSE at J2/C14 and GND	P2/C18 & P2/C13	4.9	5.1			

8	TRUE at J2/C14 and GND	P2/C18 & P2/C13	-0.1	0.1			
9	FALSE at J2/C15 and GND	P2/C23 & P2/C13	4.9	5.1			
10	TRUE at J2/C15 and GND	P2/C23 & P2/C13	-0.1	0.1			

24)	**DFCC PSC-CHANNEL-4**						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/C16 and GND	P2/A14 & P2/C14	4.9	5.1			
2	TRUE at J2/C16 and GND	P2/A14 & P2/C14	-0.1	0.1			
3	FALSE at J2/C17 and GND	P2/A19 & P2/C14	4.9	5.1			
4	TRUE at J2/C17 and GND	P2/A19 & P2/C14	-0.1	0.1			
5	FALSE at J2/C18 and GND	P2/B19 & P2/C14	4.9	5.1			
6	TRUE at J2/C18 and GND	P2/B19 & P2/C14	-0.1	0.1			
7	FALSE at J2/C19 and GND	P2/C19 & P2/C14	4.9	5.1			
8	TRUE at J2/C19 and GND	P2/C19 & P2/C14	-0.1	0.1			
9	FALSE at J2/C20 and GND	P2/C24 & P2/C14	4.9	5.1			

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10	TRUE at J2/C20 and GND	P2/C24 & P2/C14	-0.1	0.1			

Tested by:Deepika