भारत इलेक्ट्रॉनिक्स
BHARAT ELECTRONICS

TYPE-5 SIGNAL CONDITIONING CARD TEST REPORT
SL NO.:11
DATE:17-Jan-2022

1)	REFUEL-POS:CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASUREDVALUE	UNITS	RESULT
1	FALSE at J2/A25	P3/A25&P3/C25	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A25	J2/B25&GND	FALSE	FALSE	FALSE	DI	PASS
3	TRUE at J2/A25	P3/A25&P3/C25	0	10	3.525126	OHMS	PASS
4	TRUE at J2/A25	J2/B25&GND	TRUE	TRUE	TRUE	DI	PASS

2)	REFUEL-POS:CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A26	P3/A26&P3/C26	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A26	J2/B26&GND	FALSE	FALSE	FALSE	DI	PASS
3	TRUE at J2/A26	P3/A26&P3/C26	0	10	4.228812	OHMS	PASS
4	TRUE at J2/A26	J2/B26&GND	TRUE	TRUE	TRUE	DI	PASS

Tested by:Kundan Kumar

3)	REFUEL-POS:CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A27	P3/A27&P3/C27	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A27	J2/B27&GND	FALSE	FALSE	FALSE	DI	PASS
3	TRUE at J2/A27	P3/A27&P3/C27	0	10	8.335064	OHMS	PASS
4	TRUE at J2/A27	J2/B27&GND	TRUE	TRUE	TRUE	DI	PASS

4)	REFUEL-POS:CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A28	P3/A28&P3/C28	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A28	J2/B28&GND	FALSE	FALSE	FALSE	DI	PASS
3	TRUE at J2/A28	P3/A28&P3/C28	0	10	6.266632	OHMS	PASS
4	TRUE at J2/A28	J2/B28&GND	TRUE	TRUE	TRUE	DI	PASS

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5)	REFUEL-FBK:CHANNEL-1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A29	P3/A29&P3/C29	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A29	J2/B29&GND	FALSE	FALSE	FALSE	DI	PASS
3	TRUE at J2/A29	P3/A29&P3/C29	0	10	4.068271	OHMS	PASS
4	TRUE at J2/A29	J2/B29&GND	TRUE	TRUE	TRUE	DI	PASS

6)	REFUEL-FBK:CHANNEL-2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A30	P3/A30&P3/C30	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A30	J2/B30&GND	FALSE	FALSE	FALSE	DI	PASS
3	TRUE at J2/A30	P3/A30&P3/C30	0	10	3.82184	OHMS	PASS
4	TRUE at J2/A30	J2/B30&GND	TRUE	TRUE	TRUE	DI	PASS

7)	REFUEL-FBK:CHANNEL-3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A31	P3/A31&P3/C31	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A31	J2/B31&GND	FALSE	FALSE	FALSE	DI	PASS
3	TRUE at J2/A31	P3/A31&P3/C31	0	10	4.451844	OHMS	PASS
4	TRUE at J2/A31	J2/B31&GND	TRUE	TRUE	TRUE	DI	PASS

8)	REFUEL-FBK:CHANNEL-4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at J2/A32	P3/A32&P3/C32	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/A32	J2/B32&GND	FALSE	FALSE	FALSE	DI	PASS
3	TRUE at J2/A32	P3/A32&P3/C32	0	10	3.773262	OHMS	PASS
4	TRUE at J2/A32	J2/B32&GND	TRUE	TRUE	TRUE	DI	PASS

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9)	CWP-MONITORS:CHANNEL-1 CWP GAIN FAIL MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A1=OPEN,P3/C1=OPEN	J2/A1&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A1=14.5V,P3/C1=OPEN	J2/A1&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A1=OPEN,P3/C1=15V	J2/A1&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A1=14.5V,P3/C1=15V	J2/A1&GND	TRUE	TRUE	TRUE	DI	PASS

6

10)	CWP-MONITORS:CHANNEL-2 CWP GAIN FAIL MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A2=OPEN,P3/C2=OPEN	J2/A2&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A2=14.5V,P3/C2=OPEN	J2/A2&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A2=OPEN,P3/C2=15V	J2/A2&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A2=14.5V,P3/C2=15V	J2/A2&GND	TRUE	TRUE	TRUE	DI	PASS

11)	CWP-MONITORS:CHANNEL-3 CWP GAIN FAIL MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A3=OPEN,P3/C3=OPEN	J2/A3&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A3=14.5V,P3/C3=OPEN	J2/A3&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A3=OPEN,P3/C3=15V	J2/A3&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A3=14.5V,P3/C3=15V	J2/A3&GND	TRUE	TRUE	TRUE	DI	PASS

12)	CWP-MONITORS:CHANNEL-4 CWP GAIN FAIL MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A4=OPEN,P3/C4=OPEN	J2/A4&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A4=14.5V,P3/C4=OPEN	J2/A4&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A4=OPEN,P3/C4=15V	J2/A4&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A4=14.5V,P3/C4=15V	J2/A4&GND	TRUE	TRUE	TRUE	DI	PASS

13)	CWP-MONITORS:CHANNEL-1 CWP DBU ENG MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A5=OPEN,P3/C5=OPEN	J2/A5&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A5=14.5V,P3/C5=OPEN	J2/A5&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A5=OPEN,P3/C5=15V	J2/A5&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A5=14.5V,P3/C5=15V	J2/A5&GND	TRUE	TRUE	TRUE	DI	PASS

14)	CWP-MONITORS:CHANNEL-2 CWP DBU ENG MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A6=OPEN,P3/C6=OPEN	J2/A6&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A6=14.5V,P3/C6=OPEN	J2/A6&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A6=OPEN,P3/C6=15V	J2/A6&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A6=14.5V,P3/C6=15V	J2/A6&GND	TRUE	TRUE	TRUE	DI	PASS

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15)	CWP-MONITORS:CHANNEL-3 CWP DBU ENG MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A7=OPEN,P3/C7=OPEN	J2/A7&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A7=14.5V,P3/C7=OPEN	J2/A7&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A7=OPEN,P3/C7=15V	J2/A7&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A7=14.5V,P3/C7=15V	J2/A7&GND	TRUE	TRUE	TRUE	DI	PASS

16)	CWP-MONITORS:CHANNEL-4CWP DBU ENG MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A8=OPEN,P3/C8=OPEN	J2/A8&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A8=14.5V,P3/C8=OPEN	J2/A8&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A8=OPEN,P3/C8=15V	J2/A8&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A8=14.5V,P3/C8=15V	J2/A8&GND	TRUE	TRUE	TRUE	DI	PASS

17)	CWP-MONITORS:CHANNEL-1 CWP FCS CAUT MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A9=OPEN,P3/C9=OPEN	J2/A9&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A9=14.5V,P3/C9=OPEN	J2/A9&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A9=OPEN,P3/C9=15V	J2/A9&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A9=14.5V,P3/C9=15V	J2/A9&GND	TRUE	TRUE	TRUE	DI	PASS

18)	CWP-MONITORS:CHANNEL-2 CWP FCS CAUT MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A10=OPEN,P3/C10=OPEN	J2/A10&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A10=14.5V,P3/C10=OPEN	J2/A10&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A10=OPEN,P3/C10=15V	J2/A10&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A10=14.5V,P3/C10=15V	J2/A10&GND	TRUE	TRUE	TRUE	DI	PASS

19)	CWP-MONITORS:CHANNEL-3 CWP FCS CAUT MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A11=OPEN,P3/C11=OPEN	J2/A11&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A11=14.5V,P3/C11=OPEN	J2/A11&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A11=OPEN,P3/C11=15V	J2/A11&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A11=14.5V,P3/C11=15V	J2/A11&GND	TRUE	TRUE	TRUE	DI	PASS

20)	CWP-MONITORS:CHANNEL-4 CWP FCS CAUT MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A12=OPEN,P3/C12=OPEN	J2/A12&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A12=14.5V,P3/C12=OPEN	J2/A12&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A12=OPEN,P3/C12=15V	J2/A12&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A12=14.5V,P3/C12=15V	J2/A12&GND	TRUE	TRUE	TRUE	DI	PASS

21)	CWP-MONITORS:CHANNEL-1 CWP FCS WARN MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A13=OPEN,P3/C13=OPEN	J2/A13&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A13=14.5V,P3/C13=OPEN	J2/A13&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A13=OPEN,P3/C13=15V	J2/A13&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A13=14.5V,P3/C13=15V	J2/A13&GND	TRUE	TRUE	TRUE	DI	PASS

22)	CWP-MONITORS:CHANNEL-2 CWP FCS WARN MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A14=OPEN,P3/C14=OPEN	J2/A14&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A14=14.5V,P3/C14=OPEN	J2/A14&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A14=OPEN,P3/C14=15V	J2/A14&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A14=14.5V,P3/C14=15V	J2/A14&GND	TRUE	TRUE	TRUE	DI	PASS

23)	CWP-MONITORS:CHANNEL-3 CWP FCS WARN MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A15=OPEN,P3/C15=OPEN	J2/A15&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A15=14.5V,P3/C15=OPEN	J2/A15&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A15=OPEN,P3/C15=15V	J2/A15&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A15=14.5V,P3/C15=15V	J2/A15&GND	TRUE	TRUE	TRUE	DI	PASS

24)	CWP-MONITORS:CHANNEL-4 CWP FCS WARN MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A16=OPEN,P3/C16=OPEN	J2/A16&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A16=14.5V,P3/C16=OPEN	J2/A16&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A16=OPEN,P3/C16=15V	J2/A16&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A16=14.5V,P3/C16=15V	J2/A16&GND	TRUE	TRUE	TRUE	DI	PASS

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25)	CWP-MONITORS:CHANNEL-1 CWP FCS HOT MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A17=OPEN,P3/C17=OPEN	J2/A17&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A17=14.5V,P3/C17=OPEN	J2/A17&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A17=OPEN,P3/C17=15V	J2/A17&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A17=14.5V,P3/C17=15V	J2/A17&GND	TRUE	TRUE	TRUE	DI	PASS

26)	CWP-MONITORS:CHANNEL-2 CWP FCS HOT MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A18=OPEN,P3/C18=OPEN	J2/A18&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A18=14.5V,P3/C18=OPEN	J2/A18&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A18=OPEN,P3/C18=15V	J2/A18&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A18=14.5V,P3/C18=15V	J2/A18&GND	TRUE	TRUE	TRUE	DI	PASS

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27)	CWP-MONITORS:CHANNEL-3 CWP FCS HOT MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A19=OPEN,P3/C19=OPEN	J2/A19&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A19=14.5V,P3/C19=OPEN	J2/A19&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A19=OPEN,P3/C19=15V	J2/A19&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A19=14.5V,P3/C19=15V	J2/A19&GND	TRUE	TRUE	TRUE	DI	PASS

28)	CWP-MONITORS:CHANNEL-4 CWP FCS HOT MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A20=OPEN,P3/C20=OPEN	J2/A20&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A20=14.5V,P3/C20=OPEN	J2/A20&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A20=OPEN,P3/C20=15V	J2/A20&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A20=14.5V,P3/C20=15V	J2/A20&GND	TRUE	TRUE	TRUE	DI	PASS

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29)	CWP-MONITORS:CHANNEL-1 CWP SPARE MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A21=OPEN,P3/C21=OPEN	J2/A21&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A21=14.5V,P3/C21=OPEN	J2/A21&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A21=OPEN,P3/C21=15V	J2/A21&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A21=14.5V,P3/C21=15V	J2/A21&GND	TRUE	TRUE	TRUE	DI	PASS

30)	CWP-MONITORS:CHANNEL-2 CWP SPARE MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A22=OPEN,P3/C22=OPEN	J2/A22&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A22=14.5V,P3/C22=OPEN	J2/A22&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A22=OPEN,P3/C22=15V	J2/A22&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A22=14.5V,P3/C22=15V	J2/A22&GND	TRUE	TRUE	TRUE	DI	PASS

31)	CWP-MONITORS:CHANNEL-3 CWP SPARE MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A23=OPEN,P3/C23=OPEN	J2/A23&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A23=14.5V,P3/C23=OPEN	J2/A23&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A23=OPEN,P3/C23=15V	J2/A23&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A23=14.5V,P3/C23=15V	J2/A23&GND	TRUE	TRUE	TRUE	DI	PASS

32)	CWP-MONITORS:CHANNEL-4 CWP SPARE MON						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	P3/A24=OPEN,P3/C24=OPEN	J2/A24&GND	FALSE	FALSE	FALSE	DI	PASS
2	P3/A24=14.5V,P3/C24=OPEN	J2/A24&GND	FALSE	FALSE	FALSE	DI	PASS
3	P3/A24=OPEN,P3/C24=15V	J2/A24&GND	FALSE	FALSE	FALSE	DI	PASS
4	P3/A24=14.5V,P3/C24=15V	J2/A24&GND	TRUE	TRUE	TRUE	DI	PASS

33)	CWP-FAILS:CHANNEL-1 DBU ENGAGE FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B1	P2/A1&P2/C1	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B1	P2/A1&P2/C1	0.98K	1.02K	0.993K	OHMS	PASS

34)	CWP-FAILS:CHANNEL-2 DBU ENGAGE FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B2	P2/A2&P2/C2	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B2	P2/A2&P2/C2	0.98K	1.02K	0.995K	OHMS	PASS

35)	CWP-FAILS:CHANNEL-3 DBU ENGAGE FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B3	P2/A3&P2/C3	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B3	P2/A3&P2/C3	0.98K	1.02K	0.999K	OHMS	PASS

36)	CWP-FAILS:CHANNEL-4 DBU ENGAGE FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B4	P2/A4&P2/C4	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B4	P2/A4&P2/C4	0.98K	1.02K	0.990K	OHMS	PASS

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37)	CWP-FAILS:CHANNEL-1 FCS CAUTION FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B5	P2/A5&P2/C5	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B5	P2/A5&P2/C5	0.98K	1.02K	0.991K	OHMS	PASS

38)	CWP-FAILS:CHANNEL-2 FCS CAUTION FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B6	P2/A6&P2/C6	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B6	P2/A6&P2/C6	0.98K	1.02K	0.997K	OHMS	PASS

39)	CWP-FAILS:CHANNEL-3 FCS CAUTION FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B7	P2/A7&P2/C7	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B7	P2/A7&P2/C7	0.98K	1.02K	0.993K	OHMS	PASS

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40)	CWP-FAILS:CHANNEL-4 FCS CAUTION FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B8	P2/A8&P2/C8	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B8	P2/A8&P2/C8	0.98K	1.02K	0.997K	OHMS	PASS

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41)	CWP-FAILS:CHANNEL-1 FCS HOT FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B9	P2/A9&P2/C9	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B9	P2/A9&P2/C9	0.98K	1.02K	0.993K	OHMS	PASS

42)	CWP-FAILS:CHANNEL-2 FCS HOT FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B10	P2/A10&P2/C10	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/10	P2/A10&P2/C10	0.98K	1.02K	0.992K	OHMS	PASS

43)	CWP-FAILS:CHANNEL-3 FCS HOT FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B11	P2/A11&P2/C11	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B11	P2/A11&P2/C11	0.98K	1.02K	0.995K	OHMS	PASS

Tested by:Kundan Kumar

44)	CWP-FAILS:CHANNEL-4 FCS HOT FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B12	P2/A12&P2/C12	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B12	P2/A12&P2/C12	0.98K	1.02K	0.998K	OHMS	PASS

Tested by:Kundan Kumar

45)	CWP-FAILS:CHANNEL-1 FCS WARN FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B13	P2/A13&P2/C13	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B13	P2/A13&P2/C13	0.98K	1.02K	1.000K	OHMS	PASS

46)	CWP-FAILS:CHANNEL-2 FCS WARN FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B14	P2/A14&P2/C14	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B14	P2/A14&P2/C14	0.98K	1.02K	0.991K	OHMS	PASS

47)	CWP-FAILS:CHANNEL-3 FCS WARN FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B15	P2/A15&P2/C15	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B15	P2/A15&P2/C15	0.98K	1.02K	0.991K	OHMS	PASS

Tested by:Kundan Kumar

48)	CWP-FAILS:CHANNEL-4 FCS WARN FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B16	P2/A16&P2/C16	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B16	P2/A16&P2/C16	0.98K	1.02K	0.994K	OHMS	PASS

Tested by:Kundan Kumar

49)	CWP-FAILS:CHANNEL-1 GAIN FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B17	P2/A17&P2/C17	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B17	P2/A17&P2/C17	0.98K	1.02K	0.994K	OHMS	PASS

50)	CWP-FAILS:CHANNEL-2 GAIN FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B18	P2/A18&P2/C18	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B18	P2/A18&P2/C18	0.98K	1.02K	0.995K	OHMS	PASS

51)	CWP-FAILS:CHANNEL-3 GAIN FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B19	P2/A19&P2/C19	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B19	P2/A19&P2/C19	0.98K	1.02K	1.012K	OHMS	PASS

Tested by:Kundan Kumar

52)	CWP-FAILS:CHANNEL-4 GAIN FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B20	P2/A20&P2/C20	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B20	P2/A20&P2/C20	0.98K	1.02K	0.990K	OHMS	PASS

Tested by:Kundan Kumar

53)	CWP-FAILS:CHANNEL-1 SPARE FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B21	P2/A21&P2/C21	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B21	P2/A21&P2/C21	0.98K	1.02K	1.000K	OHMS	PASS

54)	CWP-FAILS:CHANNEL-2 SPARE FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B22	P2/A22&P2/C22	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B22	P2/A22&P2/C22	0.98K	1.02K	0.993K	OHMS	PASS

55)	CWP-FAILS:CHANNEL-3 SPARE FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B23	P2/A23&P2/C23	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B23	P2/A23&P2/C23	0.98K	1.02K	1.001K	OHMS	PASS

Tested by:Kundan Kumar

56)	CWP-FAILS:CHANNEL-4 SPARE FAIL						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	TRUE at J2/B24	P2/A24&P2/C24	OPEN	OPEN	OPEN	OHMS	PASS
2	FALSE at J2/B24	P2/A24&P2/C24	0.98K	1.02K	0.995K	OHMS	PASS

Tested by:Kundan Kumar

57)	DCM:DCM1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C2=0V)	P2/B1&P2/B2	392	420	403.70616	Hz	PASS
2	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C2=0V)	P2/B1&P2/B2	0.352	0.368	0.352526	Volts AC	PASS
3	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C2=0V,J2/C10=0V,J2/C11=0V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.357935	Volts DC	PASS
4	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C2=5V)	P2/B1&P2/B2	0	0.05	0.004332	Volts AC	PASS
5	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C2=5V,J2/C10=0V,J2/C11=0V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.016087	Volts DC	PASS
6	9 Volts at J3/B12 and GND(J2/C30=5V,J2/C2=0V,J2/C10=0V)	P2/B1&P2/B2	392	420	402.50395	Hz	PASS
7	9 Volts at J3/B12 and GND(J2/C30=5V,J2/C2=0V,J2/C10=0V)	P2/B1&P2/B2	0.352	0.368	0.354126	Volts AC	PASS
8	9 Volts at J3/B12 and GND(J2/C30=5V,J2/C2=0V,J2/C10=0V,J2/C11=0V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.359556	Volts DC	PASS
9	9 Volts at J3/B12 and GND(J2/C30=5V,J2/C2=5V)	P2/B1&P2/B2	0	0.05	0.003809	Volts AC	PASS
10	9 Volts at J3/B12 and GND(J2/C30=5V,J2/C2=5V,J2/C10=0V,J2/C11=0V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.016686	Volts DC	PASS

58)	DCM:DCM2						
SL NO.	INPUT_POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C3=0V)	P2/B3&P2/B4	392	420	399.31096	Hz	PASS
2	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C3=0V)	P2/B3&P2/B4	0.352	0.368	0.359597	Volts AC	PASS
3	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C3=0V,J2/C10=5V,J2/C11=0V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.366602	Volts DC	PASS
4	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C3=5V)	P2/B3&P2/B4	0	0.05	0.002312	Volts AC	PASS
5	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C3=5V,J2/C10=5V,J2/C11=0V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.012325	Volts DC	PASS
6	9 Volts at J3/B13 and GND(J2/C30=5V,J2/C3=0V)	P2/B3&P2/B4	392	420	399.62233	Hz	PASS
7	9 Volts at J3/B13 and GND(J2/C30=5V,J2/C3=0V)	P2/B3&P2/B4	0.352	0.368	0.359463	Volts AC	PASS
8	9 Volts at J3/B13 and GND(J2/C30=5V,J2/C3=0V,J2/C10=5V,J2/C11=0V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.36697	Volts DC	PASS
9	9 Volts at J3/B13 and GND(J2/C30=5V,J2/C3=5V)	P2/B3&P2/B4	0	0.05	0.002712	Volts AC	PASS
10	9 Volts at J3/B13 and GND(J2/C30=5V,J2/C3=5V,J2/C10=5V,J2/C11=0V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.011741	Volts DC	PASS

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59)	DCM:DCM3						
SL NO.	INPUT_POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C4=0V)	P2/B5&P2/B6	392	420	399.27138	Hz	PASS
2	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C4=0V)	P2/B5&P2/B6	0.352	0.368	0.359894	Volts AC	PASS
3	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C4=0V,J2/C10=0V,J2/C11=5V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.367277	Volts DC	PASS
4	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C4=5V)	P2/B5&P2/B6	0	0.05	0.002778	Volts AC	PASS
5	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C4=5V,J2/C10=0V,J2/C11=5V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.011321	Volts DC	PASS
6	9 Volts at J3/B14 and GND(J2/C30=5V,J2/C4=0V)	P2/B5&P2/B6	392	420	399.59442	Hz	PASS
7	9 Volts at J3/B14 and GND(J2/C30=5V,J2/C4=0V)	P2/B5&P2/B6	0.352	0.368	0.359709	Volts AC	PASS
8	9 Volts at J3/B14 and GND(J2/C30=5V,J2/C4=0V,J2/C10=0V,J2/C11=5V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.366281	Volts DC	PASS
9	9 Volts at J3/B14 and GND(J2/C30=5V,J2/C4=5V)	P2/B5&P2/B6	0	0.05	0.002287	Volts AC	PASS
10	9 Volts at J3/B14 and GND(J2/C30=5V,J2/C4=5V,J2/C10=0V,J2/C11=5V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.012895	Volts DC	PASS

60)	DCM:DCM4						
SL NO.	INPUT_POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C5=0V)	P2/B7&P2/B8	392	420	398.74068	Hz	PASS
2	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C5=0V)	P2/B7&P2/B8	0.352	0.368	0.359304	Volts AC	PASS
3	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C5=0V,J2/C10=5V,J2/C11=5V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.366939	Volts DC	PASS
4	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C5=5V)	P2/B7&P2/B8	0	0.05	0.003796	Volts AC	PASS
5	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C5=5V,J2/C10=5V,J2/C11=5V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.012208	Volts DC	PASS
6	9 Volts at J3/B15 and GND(J2/C30=5V,J2/C5=0V)	P2/B7&P2/B8	392	420	398.8076	Hz	PASS
7	9 Volts at J3/B15 and GND(J2/C30=5V,J2/C5=0V)	P2/B7&P2/B8	0.352	0.368	0.360692	Volts AC	PASS
8	9 Volts at J3/B15 and GND(J2/C30=5V,J2/C5=0V,J2/C10=5V,J2/C11=5V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.366955	Volts DC	PASS
9	9 Volts at J3/B15 and GND(J2/C30=5V,J2/C5=5V)	P2/B7&P2/B8	0	0.05	0.003134	Volts AC	PASS
10	9 Volts at J3/B15 and GND(J2/C30=5V,J2/C5=5V,J2/C10=5V,J2/C11=5V, J2/C12=0V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.011574	Volts DC	PASS

Tested by:Kundan Kumar

61)	DCM:DCM5						
SL NO.	INPUT_POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C6=0V)	P2/B9&P2/B10	392	420	399.12131	Hz	PASS
2	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C6=0V)	P2/B9&P2/B10	0.352	0.368	0.359334	Volts AC	PASS
3	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C6=0V,J2/C10=0V,J2/C11=0V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.364665	Volts DC	PASS
4	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C6=5V)	P2/B9&P2/B10	0	0.05	0.003449	Volts AC	PASS
5	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C6=5V,J2/C10=0V,J2/C11=0V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.014762	Volts DC	PASS
6	9 Volts at J3/B16 and GND(J2/C30=5V,J2/C6=0V)	P2/B9&P2/B10	392	420	399.15185	Hz	PASS
7	9 Volts at J3/B16 and GND(J2/C30=5V,J2/C6=0V)	P2/B9&P2/B10	0.352	0.368	0.359959	Volts AC	PASS
8	9 Volts at J3/B16 and GND(J2/C30=5V,J2/C6=0V,J2/C10=0V,J2/C11=0V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.364597	Volts DC	PASS
9	9 Volts at J3/B16 and GND(J2/C30=5V,J2/C6=5V)	P2/B9&P2/B10	0	0.05	0.002484	Volts AC	PASS
10	9 Volts at J3/B16 and GND(J2/C30=5V,J2/C6=5V,J2/C10=0V,J2/C11=0V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.012982	Volts DC	PASS

Tested by:Kundan Kumar

62)	DCM:DCM6						
SL NO.	INPUT_POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C7=0V)	P2/B11&P2/B12	392	420	399.42702	Hz	PASS
2	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C7=0V)	P2/B11&P2/B12	0.352	0.368	0.358866	Volts AC	PASS
3	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C7=0V,J2/C10=5V,J2/C11=0V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.364608	Volts DC	PASS
4	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C7=5V)	P2/B11&P2/B12	0	0.05	0.002973	Volts AC	PASS
5	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C7=5V,J2/C10=5V,J2/C11=0V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.014969	Volts DC	PASS
6	9 Volts at J3/B17 and GND(J2/C30=5V,J2/C7=0V)	P2/B11&P2/B12	392	420	399.47956	Hz	PASS
7	9 Volts at J3/B17 and GND(J2/C30=5V,J2/C7=0V)	P2/B11&P2/B12	0.352	0.368	0.359547	Volts AC	PASS
8	9 Volts at J3/B17 and GND(J2/C30=5V,J2/C7=0V,J2/C10=5V,J2/C11=0V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.365136	Volts DC	PASS
9	9 Volts at J3/B17 and GND(J2/C30=5V,J2/C7=5V)	P2/B11&P2/B12	0	0.05	0.003026	Volts AC	PASS
10	9 Volts at J3/B17 and GND(J2/C30=5V,J2/C7=5V,J2/C10=5V,J2/C11=0V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.013758	Volts DC	PASS

Tested by:Kundan Kumar

63)	DCM:DCM7						
SL NO.	INPUT_POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C8=0V)	P2/B13&P2/B14	392	420	399.79314	Hz	PASS
2	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C8=0V)	P2/B13&P2/B14	0.352	0.368	0.357705	Volts AC	PASS
3	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C8=0V,J2/C10=0V,J2/C11=5V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.364436	Volts DC	PASS
4	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C8=5V)	P2/B13&P2/B14	0	0.05	0.002689	Volts AC	PASS
5	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C8=5V,J2/C10=0V,J2/C11=5V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.016855	Volts DC	PASS
6	9 Volts at J3/B18 and GND(J2/C30=5V,J2/C8=0V)	P2/B13&P2/B14	392	420	399.80029	Hz	PASS
7	9 Volts at J3/B18 and GND(J2/C30=5V,J2/C8=0V)	P2/B13&P2/B14	0.352	0.368	0.358369	Volts AC	PASS
8	9 Volts at J3/B18 and GND(J2/C30=5V,J2/C8=0V,J2/C10=0V,J2/C11=5V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.352976	Volts DC	PASS
9	9 Volts at J3/B18 and GND(J2/C30=5V,J2/C8=5V)	P2/B13&P2/B14	0	0.05	0.00325	Volts AC	PASS
10	9 Volts at J3/B18 and GND(J2/C30=5V,J2/C8=5V,J2/C10=0V,J2/C11=5V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.028068	Volts DC	PASS

64)	DCM:DCM8						
SL NO.	INPUT_POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C9=0V)	P2/B15&P2/B16	392	420	397.68812	Hz	PASS
2	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C9=0V)	P2/B15&P2/B16	0.352	0.368	0.360782	Volts AC	PASS
3	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C9=0V,J2/C10=5V,J2/C11=5V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.363014	Volts DC	PASS
4	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C9=5V)	P2/B15&P2/B16	0	0.05	0.004897	Volts AC	PASS
5	9 Volts at P2/C31 and P2/C32(J2/C30=0V,J2/C9=5V,J2/C10=5V,J2/C11=5V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.017648	Volts DC	PASS
6	9 Volts at J3/B19 and GND(J2/C30=5V,J2/C9=0V)	P2/B15&P2/B16	392	420	397.69537	Hz	PASS
7	9 Volts at J3/B19 and GND(J2/C30=5V,J2/C9=0V)	P2/B15&P2/B16	0.352	0.368	0.363341	Volts AC	PASS
8	9 Volts at J3/B19 and GND(J2/C30=5V,J2/C9=0V,J2/C10=5V,J2/C11=5V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	0.352	0.368	0.362853	Volts DC	PASS
9	9 Volts at J3/B19 and GND(J2/C30=5V,J2/C9=5V)	P2/B15&P2/B16	0	0.05	0.004375	Volts AC	PASS
10	9 Volts at J3/B19 and GND(J2/C30=5V,J2/C9=5V,J2/C10=5V,J2/C11=5V, J2/C12=5V,J2/C13=0V)	J3/A1&GND	-0.05	0.05	-0.019457	Volts DC	PASS

65)	DCM INHIBITION: CHANNEL-1 DCM INHIBITION_1						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at P2/B29	J2/C17&GND	TRUE	TRUE	TRUE	DI	PASS
2	OPEN at P2/B29	J2/C17&GND	FALSE	FALSE	FALSE	DI	PASS

66)	DCM INHIBITION: CHANNEL-2 DCM INHIBITION_2						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at P2/B30	J2/C18&GND	TRUE	TRUE	TRUE	DI	PASS
2	OPEN at P2/B30	J2/C18&GND	FALSE	FALSE	FALSE	DI	PASS

67)	DCM INHIBITION: CHANNEL-3 DCM INHIBITION_3						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at P2/B31	J2/C19&GND	TRUE	TRUE	TRUE	DI	PASS
2	OPEN at P2/B31	J2/C19&GND	FALSE	FALSE	FALSE	DI	PASS

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68)	DCM INHIBITION: CHANNEL-4 DCM INHIBITION_4						
SL NO.	INPUT POINT	OUTPUT POINT	LOWER LIMIT	UPPER LIMIT	MEASURED VALUE	UNITS	RESULT
1	FALSE at P2/B32	J2/C20&GND	TRUE	TRUE	TRUE	DI	PASS
2	OPEN at P2/B32	J2/C20&GND	FALSE	FALSE	FALSE	DI	PASS