

Annexure1 - Continuity Test result

CUS_PSC

SI No	Pin details	Description	Expected	Test Results	
				ISRC	FSRC
1	TMR1-7 w.r.to TMR1-10	3POT1_MONH_TM1 &TM2	4kΩ±2%	4.000kΩ	4.000kΩ
2	TMR1-25 w.r.to TMR1-42	3POT1_MONL_TM1 &TM2	4kΩ±2%	4.000kΩ	4.000kΩ
3	TMR1-8 w.r.to TMR1-11	3PFT1_MONH_TM1 &TM2	4kΩ±2%	4.000kΩ	4.000kΩ
4	TMR1-26 w.r.to TMR1-43	3PFT1_MONL_TM1 &TM2	4kΩ±2%	4.000kΩ	4.000kΩ
5	TMR2-7 w.r.to TMR2-10	3POT2_MONH_TM1 &TM2	4kΩ±2%	4.000kΩ	4.000kΩ
6	TMR2-25 w.r.to TMR2-42	3POT2_MONL_TM1 &TM2	4kΩ±2%	4.000kΩ	4.000kΩ
7	TMR2-8 w.r.to TMR2-11	3PFT2_MONH_TM1 &TM2	4kΩ±2%	4.000kΩ	4.000kΩ
8	TMR2-26 w.r.to TMR2-43	3PFT2_MONL_TM1 &TM2	4kΩ±2%	4.000kΩ	4.000kΩ
9	TMR3-7 w.r.to TMR3-10	3POT3_MONH_TM1 &TM2	4kΩ±2%	4.000kΩ	4.000kΩ
10	TMR3-25 w.r.to TMR3-42	3POT3_MONL_TM1 &TM2	4kΩ±2%	4.000kΩ	4.000kΩ
11	TMR3-8 w.r.to TMR3-11	3PFT3_MONH_TM1 &TM2	4kΩ±2%	4.000kΩ	4.000kΩ
12	TMR3-26 w.r.to TMR3-43	3PFT3_MONL_TM1 &TM2	4kΩ±2%	4.000kΩ	4.000kΩ
13	TMR1-9 w.r.to TMR1-12	PI_1_MONH_TM1 & TM2	4kΩ±2%	4.000kΩ	4.000kΩ
14	TMR1-27 w.r.to TMR1-44	PI_1_MONL_TM1 & TM2	4kΩ±2%	4.000kΩ	4.000kΩ
15	TMR2-9 w.r.to TMR2-12	PI_2_MONH_TM1 & TM2	4kΩ±2%	4.000kΩ	4.000kΩ
16	TMR2-27 w.r.to TMR2-44	PI_2_MONL_TM1 & TM2	4kΩ±2%	4.001kΩ	4.001kΩ
17	TMR3-9 w.r.to TMR3-12	PI_3_MONH_TM1 & TM2	4kΩ±2%	4.000kΩ	4.000kΩ
18	TMR3-27 w.r.to TMR3-44	PI_3_MONL_TM1 & TM2	4kΩ±2%	4.000kΩ	4.000kΩ
19	TMR1-13 w.r.to TMR1-14	+15V_C1	<100mΩ	30mΩ	9mΩ
20	TMR1-16 w.r.to TMR1-17	+15V_CON_P	<100mΩ	31mΩ	8mΩ
21	TMR1-30 w.r.to TMR1-22		<100mΩ	36mΩ	14mΩ
22	TMR1-30 w.r.to TMR1-23	AGND1& PI-1-ve , Excitn.-ve	<100mΩ	36mΩ	15mΩ
23	TMR1-30 w.r.to TMR1-24	for 3POT1 &3PFT1	<100mΩ	37mΩ	14mΩ
24	TMR1-28 w.r.to TMR1-29		<100mΩ	30mΩ	9mΩ
25	TMR1-28 w.r.to TMR1-32		<100mΩ	32mΩ	11mΩ
26	TMR1-28 w.r.to TMR1-33	Rtn -CNTRL_P	<100mΩ	32mΩ	10mΩ
27	TMR1-30 w.r.to TMR1-31	AGND1	<100mΩ	29mΩ	9mΩ
28	TMR1-46 w.r.to TMR1-47	-15V_C1	<100mΩ	28mΩ	7mΩ
29	TMR1-49 w.r.to TMR1-50	-15V_CON1	<100mΩ	30mΩ	8mΩ
30	TMR2-13 w.r.to TMR2-14	+15V_C2	<100mΩ	29mΩ	9mΩ
31	TMR2-16 w.r.to TMR2-17	+15V_CON_R	<100mΩ	31mΩ	9mΩ
32	TMR2-30 w.r.to TMR2-22		<100mΩ	33mΩ	13mΩ
33	TMR2-30 w.r.to TMR2-23	AGND2 & PI-2-ve, Excitn.-ve	<100mΩ	34mΩ	13mΩ
34	TMR2-30 w.r.to TMR2-24	for 3POT2 &3PFT2	<100mΩ	33mΩ	13mΩ
35	TMR2-28 w.r.to TMR2-29	Rtn CUS-CNTRL_R	<100mΩ	29mΩ	7mΩ

36	TMR2-28 w.r.to TMR2-32		<100mΩ	32mΩ	11mΩ
37	TMR2-28 w.r.to TMR2-33		<100mΩ	32mΩ	11mΩ
38	TMR2-30 w.r.to TMR2-31	AGND2(PM)	<100mΩ	29mΩ	8mΩ
39	TMR2-46 w.r.to TMR2-47	-15V_C2	<100mΩ	29mΩ	7mΩ
40	TMR2-49 w.r.to TMR2-50	-15V_CON2	<100mΩ	30mΩ	8mΩ
41	TMR3-13 w.r.to TMR3-14	+15V_C3	<100mΩ	31mΩ	9mΩ
42	TMR3-30 w.r.to TMR3-22		<100mΩ	33mΩ	11mΩ
43	TMR3-30 w.r.to TMR3-23	AGND3 & PI-3 -ve , Excitn.	<100mΩ	33mΩ	11mΩ
44	TMR3-30 w.r.to TMR3-24	-ve for 3POT3 & 3PFT3	<100mΩ	31mΩ	10mΩ
45	TMR3-30 w.r.to TMR3-31	AGND3(PM)	<100mΩ	31mΩ	10mΩ
46	TMR3-46 w.r.to TMR3-47	-15V_C3	<100mΩ	32mΩ	9mΩ
47	TMR1-30 w.r.to TMR2-30		<100mΩ	55mΩ	34mΩ
48	TMR1-30 w.r.to TMR3-30	AGND1 wrt AGND2, AGND3	<100mΩ	48mΩ	27mΩ
49	TMR1-28 w.r.to TMR2-28	Rtn CNTRL_P & Rtn CNTRL_R	<100mΩ	36mΩ	15mΩ
50	All pins of TMR1 w.r.t chassis		>100MΩ	>100MΩ	>100MΩ
51	All pins of TMR2 w.r.t chassis		>100MΩ	>100MΩ	>100MΩ
52	All pins of TMR3 w.r.t chassis		>100MΩ	>100MΩ	>100MΩ
53	All connector mounting post w.r.t chassis		<100mΩ	<100mΩ	<100mΩ

Power Module

SI No	Pin Details	Description	Expected	Results	
				ISRC	FSRC
1	KM1-1 w.r.to KM1-2	28V Live(SPS chain1)	<100mΩ	8mΩ	8mΩ
2	KM1-3 w.r.to KM1-4	28V Live(PSC chain1)	<100mΩ	8mΩ	8mΩ
3	KM1-6 w.r.to KM1-7	28V RTN(SPS chain1)	<100mΩ	7mΩ	7mΩ
4	KM1-8 w.r.to KM1-9	28V RTN(PCS chain1)	<100mΩ	9mΩ	8mΩ
5	KM1-5 w.r.to Chassis	Chassis point w.r.t. chassis	<100mΩ	17mΩ	11mΩ
6	KM1-1 w.r.to KM1-6	28V live w.r.t. 28V return	60kΩ-80kΩ	71.994kΩ	72.023kΩ
7	KM1-3 w.r.to KM1-8	28V live w.r.t. 28V return	60kΩ-80kΩ	68.258kΩ	68.261kΩ
8	KF1-1 w.r.to KF1-2	28V1 Live	<100mΩ	6mΩ	6mΩ
9	KF1-1 w.r.to KF1-3	28V1 Live	<100mΩ	6mΩ	6mΩ
10	KF1-1 w.r.to KF1-4	28V1 Live	<100mΩ	6mΩ	6mΩ
11	KF1-1 w.r.to KF1-5	28V1 Live	<100mΩ	12mΩ	12mΩ
12	KF1-1 w.r.to KF1-6	28V1 Live	<100mΩ	12mΩ	12mΩ
13	KF1-1 w.r.to KF1-7	28V1 Live	<100mΩ	12mΩ	12mΩ
14	KF1-1 w.r.to KF1-8	28V1 Live	<100mΩ	12mΩ	12mΩ
15	KF1-1 w.r.to KF1-46	28V1 Live	<100mΩ	12mΩ	12mΩ
16	KF1-1 w.r.to KF1-48	28V1 Live	<100mΩ	11mΩ	11mΩ
17	KF1-9 w.r.to KF1-10	+15V2 Live	<100mΩ	5mΩ	5mΩ
18	KF1-9 w.r.to KF1-11	+15V2 Live	<100mΩ	6mΩ	6mΩ
19	KF1-9 w.r.to KF1-12	+15V2 Live	<100mΩ	6mΩ	6mΩ
20	KF1-13 w.r.to KF1-14	-15V2 Live	<100mΩ	5mΩ	5mΩ
21	KF1-13 w.r.to KF1-15	-15V2 Live	<100mΩ	6mΩ	5mΩ
22	KF1-13 w.r.to KF1-16	-15V2 Live	<100mΩ	6mΩ	6mΩ