Checklist of CEM TCM C25_BAT RTN

Continuity Checks

SI No	Pin Details	Description	Expected	Results	
		Description		ISRC	FSRC
1	PB-R-1 w.r.to PB-R-8	sqb Bat rtn(P)	<100mΩ	8mΩ	8mΩ
2	PB-R-1 w.r.to PB-R-9	sqb Bat rtn(R)	<100mΩ	8mΩ	8mΩ
3	RB-R-1 w.r.to RB-R-8	sqb Bat rtn(P&R)	<100mΩ	9mΩ	9mΩ
4	RB-R-1 w.r.to RB-R-9	sqb Bat rtn(P)	<100mΩ	9mΩ	8mΩ
5	PB-R-10 w.r.to RB-R-10	sqb Bat rtn(R)	<100mΩ	18mΩ	18mΩ
6	PB-R-1 w.r.to Chassis	sqb Bat rtn(P)	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
7	RB-R-1 w.r.to Chassis	sqb Bat rtn(R)	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
8	MON-OP-44 w.r.to MON-OP-17	Inst Live&sts mon	1.47kΩ ± 2%	1.475kΩ	1.475kΩ
9	MON-OP-44 w.r.to MON-OP-18	Inst Live&sts mon	1.47kΩ ± 2%	1.475kΩ	1.475kΩ
10	MON-OP-44 w.r.to MON-OP-19	Inst Live&sts mon	1.47kΩ ± 2%	1.475kΩ	1.475kΩ
11	MON-OP-17 w.r.to MON-OP-18	sts mon	2 kΩ <u>+</u> 2%	2.000kΩ	2.000kΩ
12	MON-OP-17 w.r.to MON-OP-19	sts mon	2 kΩ <u>+</u> 2%	2.000kΩ	2.000kΩ
13	MON-OP-18 w.r.to MON-OP-19	sts mon	2 kΩ <u>+</u> 2%	2.000kΩ	2.000kΩ
14	MON-OP-46 w.r.to MON-OP-47	Bat sqb	2 kΩ <u>+</u> 2%	2.006kΩ	2.006kΩ
15	MON-OP-46 w.r.to MON-OP-66	Bat sqb mon(P)	<100mΩ	31mΩ	31mΩ
16	MON-OP-47 w.r.to MON-OP-67	Bat sqb mon(R)	<100mΩ	31mΩ	31mΩ
17	MON-OP-3 w.r.to MON-OP-7	Bat sqb all off	<100mΩ	39mΩ	39mΩ
18	MON-OP-44 w.r.to MON-OP-45	Inst live	<100mΩ	30mΩ	29mΩ
19	MON-OP-64 w.r.to MON-OP-65	Inst rtn	<100mΩ	31mΩ	31mΩ
20	MON-OP-74 w.r.to Chassis	Chassis	<200mΩ	114mΩ	114mΩ
21	OP1-10 w.r.to MON-OP-74	VIv Bat rtn (P) & chassis	10 kΩ <u>+</u> 2%	10.001kΩ	10.001kΩ
22	OP2-10 w.r.to MON-OP-74	VIv Bat rtn (R) & chassis	 10 kΩ + 2%	10.001kΩ	10.001kΩ
23	OP1-10 w.r.to OP1-30	VIv Bat (P)	- <100mΩ	29mΩ	29mΩ
24		VIv Bat (R)	<100mΩ	33mΩ	33mΩ
25	OP2-10 w.r.to OP2-30 OP1-10 w.r.to OP2-10	VIv Bat (P & R)	20kΩ + 2%	20.004kΩ	20.003kg
26	MON-OP-48 w.r.to MON-OP-68	Vlv Bat mon(P)	<100mΩ	32mΩ	20.003ks 31mΩ
27	MON-OP-49 w.r.to MON-OP-69	VIv Bat mon(R)	<100mΩ	32mΩ	31mΩ
28		VIv Bat mon(P&R)	2 kΩ + 2%	2.003kΩ	2.003kΩ
29	MON-OP-48 w.r.to MON-OP-49	Inst & vlv sts mon	$2 \text{ K}\Omega \pm 2\%$ 1.47k $\Omega \pm 2\%$	2.003kΩ 1.475kΩ	2.003kΩ 1.475kΩ
30	MON-OP-44 w.r.to MON-OP-21	Inst & vlv sts mon	$1.47k\Omega \pm 2\%$ $1.47k\Omega \pm 2\%$	1.475kΩ 1.475kΩ	
31	MON-OP-44 w.r.to MON-OP-22	Inst & viv sts mon	1.47 k $\Omega \pm 2\%$ 1.47 k $\Omega \pm 2\%$	1.475kΩ 1.475kΩ	1.475kΩ 1.475kΩ
32	MON-OP-44 w.r.to MON-OP-23	vlv bat sts mon			
33	MON-OP-21 w.r.to MON-OP-22	vlv bat sts mon	2 kΩ ± 2%	2.000kΩ	2.000kΩ
34	MON-OP-21 w.r.to MON-OP-23	vlv bat sts mon	2 kΩ ± 2%	2.000kΩ	2.000kΩ
35	MON-OP-22 w.r.to MON-OP-23		2 kΩ <u>+</u> 2%	2.000kΩ	2.000kΩ
36	MON-OP-56 w.r.to MON-OP-58	LEM O/P sqb-P LEM rtn	2 kΩ <u>+</u> 2%	2.000kΩ	2.000kΩ
	MON-OP-61 w.r.to MON-OP-62	LEM O/P sqb-P	<100mΩ	30mΩ	29mΩ
37	MON-OP-52 w.r.to MON-OP-53	LEM O/P sqb-P	2 kΩ <u>+</u> 2%	2.000kΩ	2.000kΩ
38	MON-OP-55 w.r.to MON-OP-70		2 kΩ ± 2%	2.001kΩ	2.001kΩ
39	MON-OP-59 w.r.to MON-OP-60	LEM O/P sqb-R	2 kΩ <u>+</u> 2%	2.001kΩ	2.000kΩ
40	OP1-1 w.r.to OP1-2	Bat rtn sqb	<150mΩ	31mΩ	32mΩ
41	OP1-1 w.r.to OP1-3	Bat rtn sqb	<150mΩ	92mΩ	93mΩ
42	OP1-1 w.r.to OP1-4	Bat rtn sqb	<150mΩ	92mΩ	93mΩ
43	OP1-1 w.r.to OP1-5	Bat rtn sqb	<150mΩ	91mΩ	92mΩ
44	OP1-1 w.r.to OP1-6	Bat rtn sqb	<150mΩ	91mΩ	92mΩ
45	OP1-1 w.r.to OP1-7	Bat rtn sqb	<150mΩ	91mΩ	92mΩ
46	OP1-1 w.r.to OP1-8	Bat rtn sqb	<150mΩ	92mΩ	93mΩ
47	OP1-1 w.r.to OP1-21	Bat rtn sqb	<150mΩ	96mΩ	97mΩ
48	OP1-1 w.r.to OP1-22	Bat rtn sqb	<150mΩ	$96 m\Omega$	$96 \mathrm{m}\Omega$

49	OD1 1 ** - OD1 33	Bat rtn sqb	Z1F0=-0	05~0	05~0
50	OP1-1 w.r.to OP1-23	Bat rtn sqb	<150mΩ	95mΩ	95mΩ
51	OP1-1 w.r.to OP1-24	Bat rtn sqb	<150mΩ	95mΩ	95mΩ
51	OP1-1 w.r.to OP1-25	Bat rth sqb	<150mΩ	94mΩ	94mΩ
53	OP1-1 w.r.to OP1-26	Bat rtn sqb	<150mΩ	93mΩ 92mΩ	94mΩ
53 54	OP1-1 w.r.to OP1-27	Bat rtn sqb	<150mΩ	ļ	93mΩ
54 55	OP1-1 w.r.to OP1-28		<150mΩ	92mΩ	92mΩ
55 56	OP1-1 w.r.to OP1-40	Bat rtn sqb Bat rtn sqb	<150mΩ	97mΩ 97mΩ	97mΩ 98mΩ
50 57	OP1-1 w.r.to OP1-41	Bat rtn sqb	<150mΩ		
58	OP1-1 w.r.to OP1-42	Bat rtn sqb	<150mΩ	98mΩ 100mΩ	99mΩ
59	OP1-1 w.r.to OP1-43	Bat rtn sqb	<150mΩ	ļ	100mΩ
60	OP1-1 w.r.to OP1-44	Bat rtn sqb	<150mΩ	101mΩ	101mΩ
61	OP1-1 w.r.to OP1-45	Bat rtn sqb	<150mΩ	101mΩ	102mΩ
62	OP1-1 w.r.to OP1-46	Bat rtn sqb	<150mΩ	102mΩ	103mΩ
63	OP1-1 w.r.to OP1-47	Bat rtn sqb	<150mΩ	102mΩ	103mΩ
	OP1-1 w.r.to OP1-60	•	<150mΩ	96mΩ	97mΩ
64 65	OP1-1 w.r.to OP1-61	Bat rtn sqb	<150mΩ	98mΩ	98mΩ
65 66	OP1-1 w.r.to OP1-62	Bat rtn sqb	<150mΩ	99mΩ	99mΩ
66 67	OP1-1 w.r.to OP1-63	Bat rtn sqb	<150mΩ	100mΩ	101mΩ
	OP1-12 w.r.to OP1-13	Bat rtn sqb	<150mΩ	30mΩ	30mΩ
68 60	OP1-12 w.r.to OP1-14	Bat rtn sqb	<150mΩ	30mΩ	30mΩ
69 70	OP1-12 w.r.to OP1-15	Bat rtn sqb	<150mΩ	30mΩ	30mΩ
70 71	OP1-12 w.r.to OP1-16	Bat rtn sqb	<150mΩ	30mΩ	30mΩ
71 72	OP1-12 w.r.to OP1-17	Bat rtn sqb	<150mΩ	31mΩ	31mΩ
72 73	OP1-12 w.r.to OP1-18	Bat rtn sqb	<150mΩ	31mΩ	31mΩ
	OP1-12 w.r.to OP1-19	Bat rtn sqb	<150mΩ	32mΩ	31mΩ
74 75	OP1-12 w.r.to OP1-20	Bat rtn sqb Bat rtn sqb	<150mΩ	32mΩ	31mΩ
75 76	OP1-12 w.r.to OP1-32	Bat rtn sqb	<150mΩ	30mΩ	29mΩ
76 77	OP1-12 w.r.to OP1-33	Bat rtn sqb	<150mΩ	30mΩ	29mΩ
77 78	OP1-12 w.r.to OP1-34	Bat rtn sqb	<150mΩ	30mΩ	29mΩ
78 79	OP1-12 w.r.to OP1-35 OP1-12 w.r.to OP1-36	Bat rtn sqb	<150mΩ <150mΩ	30mΩ 30mΩ	30mΩ 30mΩ
80		Bat rtn sqb	<150mΩ	30mΩ	30mΩ
81	OP1-12 w.r.to OP1-37	Bat rtn sqb	<150mΩ	30mΩ 31mΩ	30mΩ
82	OP1-12 w.r.to OP1-38	Bat rtn sqb	<150mΩ	31mΩ 32mΩ	30mΩ 31mΩ
83	OP1-12 w.r.to OP1-39	Bat rtn sqb	<150mΩ <150mΩ	-	31mΩ 29mΩ
84	OP1-12 w.r.to OP1-51	Bat rtn sqb	<150mΩ <150mΩ	29mΩ	
85	OP1-12 w.r.to OP1-52	Bat rtn sqb	<150mΩ <150mΩ	29mΩ 29mΩ	29mΩ 29mΩ
86	OP1-12 w.r.to OP1-53	Bat rtn sqb	<150mΩ	29mΩ 30mΩ	29mΩ
87	OP1-12 w.r.to OP1-54	Bat rtn sqb	<150mΩ	30mΩ	29mΩ
88	OP1-12 w.r.to OP1-55	Bat rtn sqb	<150mΩ	30mΩ	29mΩ
89	OP1-12 w.r.to OP1-56	Bat rtn sqb	<150mΩ	30mΩ	29mΩ 30mΩ
90	OP1-12 w.r.to OP1-57	Bat rtn sqb	<150mΩ	30mΩ	30mΩ 29mΩ
91	OP1-12 w.r.to OP1-58 OP1-12 w.r.to OP1-59	Bat rtn sqb	<150mΩ	30mΩ	30mΩ
92	 	Bat rtn Vlv	<150mΩ	30mΩ 27mΩ	27mΩ
93	OP1-49 w.r.to OP1-50	Bat rtn Vlv	<150mΩ	27πΩ 28mΩ	27mΩ
93 94	OP1-49 w.r.to OP1-69	Bat rtn Vlv	<150mΩ	28mΩ 27mΩ	27mΩ
95	OP1-49 w.r.to OP1-70	Bat rtn Vlv	<150mΩ	27mΩ 35mΩ	27mΩ 35mΩ
95 96	OP1-49 w.r.to OP2-49	Bat rtn Vlv	<150mΩ	35mΩ	35mΩ
97	OP1-49 w.r.to OP2-50 OP1-49 w.r.to OP2-69	Bat rtn Vlv	<150mΩ	36mΩ	35mΩ
98	OP1-49 w.r.to OP2-69	Bat rtn Vlv	<150mΩ	35mΩ	35mΩ
99	OP1-49 w.r.to OP2-70	Bat rtn Vlv	<150mΩ	48mΩ	47mΩ
100	OP1-49 w.r.to OP1-71	Bat rtn VIv	<150mΩ	46πΩ 47mΩ	47mΩ
101	OP1-49 w.r.to OP1-72	Bat rtn Vlv	<150mQ	47mΩ	47mΩ
TOT	: CE 1-47 W 10 UF 1-/7	. Datiai VIV	LIJUIU	7/1117	7/111/2

102	OP1-49 w.r.to OP1-74	Bat rtn Vlv	<150mΩ	47mΩ	46mΩ
102		Bat rtn Vlv	<150mΩ	47πΩ 46mΩ	46mΩ
103	OP1-49 w.r.to OP1-75	Bat rtn Vlv	<150mΩ		46mΩ
104	OP1-49 w.r.to OP1-76	Bat rtn Vlv	<150mΩ	46mΩ	45mΩ
103	OP1-49 w.r.to OP1-77	Bat rtn Vlv	<150mΩ	46mΩ 46mΩ	45mΩ
107	OP1-49 w.r.to OP1-78	Bat rtn Vlv	<150mΩ	46πΩ 47mΩ	46mΩ
107	OP1-49 w.r.to OP2-71	Bat rtn Vlv		·····	
108	OP1-49 w.r.to OP2-72	Bat rtn Vlv	<150mΩ	47mΩ	46mΩ 46mΩ
1109	OP1-49 w.r.to OP2-73	Bat rtn Vlv	<150mΩ	46mΩ	
110	OP1-49 w.r.to OP2-74	Bat rtn Vlv	<150mΩ	47mΩ	46mΩ
112	OP1-49 w.r.to OP2-75	Bat rtn Vlv	<150mΩ	46mΩ	45mΩ
113	OP1-49 w.r.to OP2-76	Bat rtn Vlv	<150mΩ	45mΩ	45mΩ
113	OP1-49 w.r.to OP2-77	Bat rtn Vlv	<150mΩ	45mΩ	45mΩ
114	OP1-49 w.r.to OP2-78		<150mΩ	45mΩ	45mΩ
	OP2-1 w.r.to OP2-2	Bat rtn sqb Bat rtn sqb	<150mΩ	33mΩ	33mΩ
116	OP2-1 w.r.to OP2-3		<150mΩ	33mΩ	33mΩ
117	OP2-1 w.r.to OP2-4	Bat rtn sqb	<150mΩ	33mΩ	33mΩ
118	OP2-1 w.r.to OP2-5	Bat rtn sqb	<150mΩ	33mΩ	33mΩ
119	OP2-1 w.r.to OP2-6	Bat rtn sqb	<150mΩ	34mΩ	33mΩ
120	OP2-1 w.r.to OP2-7	Bat rtn sqb	<150mΩ	34mΩ	33mΩ
121	OP2-1 w.r.to OP2-8	Bat rtn sqb	<150mΩ	34mΩ	33mΩ
122	OP2-1 w.r.to OP2-21	Bat rtn sqb	<150mΩ	33mΩ	32mΩ
123	OP2-1 w.r.to OP2-22	Bat rtn sqb	<150mΩ	32mΩ	32mΩ
124	OP2-1 w.r.to OP2-23	Bat rtn sqb	<150mΩ	32mΩ	32mΩ
125	OP2-1 w.r.to OP2-24	Bat rtn sqb	<150mΩ	32mΩ	32mΩ
126	OP2-1 w.r.to OP2-25	Bat rtn sqb	<150mΩ	33mΩ	32mΩ
127	OP2-1 w.r.to OP2-26	Bat rtn sqb	<150mΩ	33mΩ	33mΩ
128	OP2-1 w.r.to OP2-27	Bat rtn sqb	<150mΩ	33mΩ	32mΩ
129	OP2-1 w.r.to OP2-28	Bat rtn sqb	<150mΩ	33mΩ	33mΩ
130	OP2-1 w.r.to OP2-40	Bat rtn sqb	<150mΩ	32mΩ	31mΩ
131	OP2-1 w.r.to OP2-41	Bat rtn sqb	<150mΩ	32mΩ	32mΩ
132	OP2-1 w.r.to OP2-42	Bat rtn sqb	<150mΩ	33mΩ	32mΩ
133	OP2-1 w.r.to OP2-43	Bat rtn sqb	<150mΩ	32mΩ	32mΩ
134	OP2-1 w.r.to OP2-44	Bat rtn sqb	<150mΩ	32mΩ	32mΩ
135	OP2-1 w.r.to OP2-45	Bat rtn sqb	<150mΩ	33mΩ	32mΩ
136	OP2-1 w.r.to OP2-46	Bat rtn sqb	<150mΩ	33mΩ	32mΩ
137	OP2-1 w.r.to OP2-47	Bat rtn sqb	<150mΩ	32mΩ	32mΩ
138	OP2-1 w.r.to OP2-60	Bat rtn sqb	<150mΩ	32mΩ	33mΩ
139	OP2-1 w.r.to OP2-61	Bat rtn sqb	<150mΩ	31mΩ	31mΩ
140	OP2-1 w.r.to OP2-62	Bat rtn sqb	<150mΩ	31mΩ	31mΩ
141	OP2-1 w.r.to OP2-63	Bat rtn sqb	<150mΩ	33mΩ	33mΩ
142	OP2-1 w.r.to OP2-64	Bat rtn sqb	<150mΩ	33mΩ	32mΩ
143	OP2-1 w.r.to OP2-65	Bat rtn sqb	<150mΩ	33mΩ	32mΩ
144	OP2-1 w.r.to OP2-66	Bat rtn sqb	<150mΩ	33mΩ	32mΩ
145	OP2-1 w.r.to OP2-67	Bat rtn sqb	<150mΩ	32mΩ	32mΩ
146	OP2-12 w.r.to OP2-13	Bat rtn sqb	<150mΩ	34mΩ	33mΩ
147	OP2-12 w.r.to OP2-14	Bat rtn sqb	<150mΩ	34mΩ	34mΩ
148	OP2-12 w.r.to OP2-15	Bat rtn sqb	<150mΩ	34mΩ	34mΩ
149	OP2-12 w.r.to OP2-16	Bat rtn sqb	<150mΩ	34mΩ	34mΩ
150	OP2-12 w.r.to OP2-17	Bat rtn sqb	<150mΩ	35mΩ	34mΩ
151	OP2-12 w.r.to OP2-18	Bat rtn sqb	<150mΩ	35mΩ	34mΩ
152	OP2-12 w.r.to OP2-19	Bat rtn sqb	<150mΩ	34mΩ	34mΩ
153	OP2-12 w.r.to OP2-20	Bat rtn sqb	<150mΩ	37mΩ	36mΩ
154	OP2-12 w r to OP2-32	Bat rtn sab	<150mO	33mQ	32mΩ

155	OP2-12 w.r.to OP2-33	Bat rtn sqb	<150mΩ	33mΩ	33mΩ
156		Bat rtn sqb	<150mΩ	33mΩ	33mΩ
157	OP2-12 w.r.to OP2-34 OP2-12 w.r.to OP2-35	Bat rtn sqb	<150mΩ	33mΩ	33mΩ
158	OP2-12 w.r.to OP2-35	Bat rtn sqb	<150mΩ	34mΩ	33mΩ
159	OP2-12 w.r.to OP2-37	Bat rtn sqb	<150mΩ	34mΩ	33mΩ
160	OP2-12 w.r.to OP2-37	Bat rtn sqb	<150mΩ	34mΩ	34mΩ
161	OP2-12 w.r.to OP2-39	Bat rtn sqb	<150mΩ	34mΩ	34mΩ
162	OP2-12 w.r.to OP2-51	Bat rtn sqb	<150mΩ	34mΩ	32mΩ
163	OP2-12 w.r.to OP2-52	Bat rtn sqb	<150mΩ	32mΩ	32mΩ
164	OP2-12 w.r.to OP2-32	Bat rtn sqb	<150mΩ	33mΩ	32mΩ
165	OP2-12 w.r.to OP2-54	Bat rtn sqb	<150mΩ	33mΩ	33mΩ
166	OP2-12 w.r.to OP2-55	Bat rtn sqb	<150mΩ	33mΩ	32mΩ
167	OP2-12 w.r.to OP2-56	Bat rtn sqb	<150mΩ	33mΩ	32mΩ
168	OP2-12 w.r.to OP2-57	Bat rtn sqb	<150mΩ	32mΩ	32mΩ
169	OP2-12 w.r.to OP2-58	Bat rtn sqb	<150mΩ	33mΩ	33mΩ
170	OP2-12 w.r.to OP2-59	Bat rtn sqb	<150mΩ	33mΩ	33mΩ
171	†	LEM (+15V)	<100mΩ	28mΩ	27mΩ
172	MON-OP-40 w.r.to MON-OP-41	LEM (-15V)	<100mΩ	30mΩ	31mΩ
173	MON-OP-42 w.r.to MON-OP-43 OP1-1 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	30πΩ 10.001kΩ	10.001kΩ
174	OP1-1 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ 10.001kΩ	10.001kΩ 10.001kΩ
175	OP1-3 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ 10.001kΩ	10.001kΩ
176	OP1-4 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ 10.001kΩ	10.000kΩ
177	OP1-5 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
178	OP1-6 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
179	OP1-7 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
180	OP1-8 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
181	OP1-10 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
182	OP1-10 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
183	OP1-13 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.001kΩ
184	OP1-14 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
185	OP1-15 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
186	OP1-16 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
187	OP1-17 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
188	OP1-18 w.r.to Chassis	Bat rtn sqb	10 kΩ + 2%	10.001kΩ	10.000kΩ
189	OP1-19 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
190	OP1-20 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
191	OP1-21 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
192	OP1-22 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
193	OP1-23 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
194	OP1-24 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
195	OP1-25 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
196	OP1-26 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
197	OP1-27 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
198	OP1-28 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
199	OP1-30 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
200	OP1-32 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
201	OP1-33 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.001kΩ
202	OP1-34 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
203	OP1-35 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
204	OP1-36 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
205	OP1-37 w.r.to Chassis	Bat rtn sqb	10 kΩ + 2%	10.001kΩ	10.000kΩ
206	OP1-38 w.r.to Chassis	Bat rtn sqb	10 kΩ + 2%	10.001kΩ	10.000kΩ
207	OP1-39 w r to Chassis	Bat rtn sab	10 kQ + 2%	10.001kO	10.000kO

300	004 40	Dat who and	1010 001	10 0041 0	10.000' 0
208	OP1-40 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
209	OP1-41 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
210	OP1-42 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
211	OP1-43 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
212	OP1-44 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
213 214	OP1-45 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
214	OP1-46 w.r.to Chassis	Bat rtn sqb Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
215	OP1-47 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
217	OP1-49 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
217	OP1-50 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.001kΩ
219	OP1-51 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.001kΩ
220	OP1-52 w.r.to Chassis	<u>-</u>	10 kΩ ± 2%	10.000kΩ	10.000kΩ
221	OP1-53 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
221	OP1-54 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
223	OP1-55 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
223	OP1-56 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
224	OP1-57 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ 10.001kΩ	10.000kΩ
225	OP1-58 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%		10.000kΩ
225	OP1-59 w.r.to Chassis	Bat rtn sqb Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
227	OP1-60 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
229	OP1-61 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
230	OP1-62 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ 10.001kΩ	10.000kΩ 10.000kΩ
230	OP1-63 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ 10.001kΩ	
231	OP1-69 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ 10.001kΩ	10.000kΩ 10.001kΩ
232	OP1-70 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%		
234	OP1-71 w.r.to Chassis OP1-72 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2% 10 kΩ <u>+</u> 2%	10.001kΩ 10.001kΩ	10.001kΩ 10.001kΩ
235	OP1-72 w.r.to Chassis OP1-73 w.r.to Chassis	Bat rtn sqb	$10 \text{ k}\Omega \pm 2\%$ $10 \text{ k}\Omega \pm 2\%$	10.001kΩ 10.001kΩ	10.001kΩ
236	OP1-74 w.r.to Chassis	Bat rtn sqb	$10 \text{ k}\Omega \pm 2\%$ $10 \text{ k}\Omega + 2\%$	10.001kΩ	10.001kΩ
237	OP1-74 w.r.to Chassis	Bat rtn sqb	$10 \text{ k}\Omega + 2\%$	10.001kΩ 10.001kΩ	10.001kΩ
238	OP1-76 w.r.to Chassis	Bat rtn sqb	$10 \text{ k}\Omega + 2\%$ $10 \text{ k}\Omega + 2\%$	10.001kΩ	10.001kΩ
239	OP1-77 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ 10.001kΩ	10.001kΩ
240	OP1-77 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.001kΩ
241	OP2-1 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.001kΩ
242	OP2-1 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.001kΩ
243	OP2-3 w.r.to Chassis	Bat rtn sqb	10 kΩ + 2%	10.000kΩ 10.001kΩ	10.000kΩ
244	OP2-4 w.r.to Chassis	Bat rtn sqb	10 kΩ + 2%	10.001kΩ	10.000kΩ
245	OP2-5 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
246	OP2-6 w.r.to Chassis	Bat rtn sqb	10 kΩ + 2%	10.001kΩ	10.000kΩ
247	OP2-7 w.r.to Chassis	Bat rtn sgb	10 kΩ + 2%	10.001kΩ	10.000kΩ
248	OP2-8 w.r.to Chassis	Bat rtn sqb	10 kΩ + 2%	10.001kΩ	10.000kΩ
249	OP2-10 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
250	OP2-12 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.001kΩ
251	OP2-13 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
252	OP2-14 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
253	OP2-15 w.r.to Chassis	Bat rtn sqb	10 kΩ + 2%	10.000kΩ	10.000kΩ
254	OP2-16 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
255	OP2-17 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
256	OP2-18 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
257	OP2-19 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
258	OP2-20 w.r.to Chassis	Bat rtn sqb	10 kΩ + 2%	10.001kΩ	10.000kΩ
259	OP2-21 w.r.to Chassis	Bat rtn sqb	10 kΩ + 2%	10.001kΩ	10.000kΩ
260	OP2-22 w r to Chassis	Bat rtn sab	10 kO + 2%	10.001kO	10.000kO

201		Dat ata asila	4010 : 20/	40.0041.0	40,0001.0
261	OP2-23 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
262	OP2-24 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
263	OP2-25 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
264 265	OP2-26 w.r.to Chassis	Bat rtn sqb Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
266	OP2-27 w.r.to Chassis		10 kΩ ± 2%	10.001kΩ	10.000kΩ
267	OP2-28 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
268	OP2-30 w.r.to Chassis	Bat rtn sqb Bat rtn sqb	10 kΩ ± 2%	10.001kΩ 10.001kΩ	10.000kΩ
269	OP2-32 w.r.to Chassis OP2-33 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ 10.001kΩ	10.001kΩ 10.000kΩ
270		Bat rtn sqb	10 kΩ <u>+</u> 2% 10 kΩ <u>+</u> 2%	10.001kΩ 10.001kΩ	10.000kΩ
271	OP2-34 w.r.to Chassis OP2-35 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
272	OP2-36 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
273	OP2-37 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
274	OP2-38 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
275	OP2-39 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
276	OP2-40 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
277	OP2-41 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
278	OP2-42 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
279	OP2-43 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
280	OP2-44 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
281	OP2-45 w.r.to Chassis	Bat rtn sqb	10 kΩ + 2%	10.001kΩ	10.000kΩ
282	OP2-46 w.r.to Chassis	Bat rtn sqb	 10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
283	OP2-47 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
284	OP2-49 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
285	OP2-50 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.001kΩ
286	OP2-51 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.001kΩ
287	OP2-52 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
288	OP2-53 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
289	OP2-54 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
290	OP2-55 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
291	OP2-56 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
292	OP2-57 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
293	OP2-58 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
294	OP2-59 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
295	OP2-60 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
296	OP2-61 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
297	OP2-62 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
298	OP2-63 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
299	OP2-64 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
300	OP2-65 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
301	OP2-66 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
302 303	OP2-67 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2%	10.001kΩ	10.000kΩ
304	OP2-69 w.r.to Chassis	Bat rtn sqb Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.000kΩ
305	OP2-70 w.r.to Chassis		10 kΩ ± 2%	10.001kΩ	10.001kΩ
305	OP2-71 w.r.to Chassis	Bat rtn sqb Bat rtn sqb	10 kΩ ± 2%	10.001kΩ 10.001kΩ	10.001kΩ 10.001kΩ
307	OP2-72 w.r.to Chassis	Bat rtn sqb	10 kΩ <u>+</u> 2% 10 kΩ <u>+</u> 2%	10.001kΩ 10.001kΩ	10.001kΩ 10.001kΩ
308	OP2-73 w.r.to Chassis OP2-74 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ 10.001kΩ	10.001kΩ 10.001kΩ
309	OP2-74 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ 10.001kΩ	10.001kΩ
310	OP2-76 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.001kΩ
311	OP2-77 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.001kΩ
312	OP2-78 w.r.to Chassis	Bat rtn sqb	10 kΩ ± 2%	10.001kΩ	10.001kΩ
313	MON-OP-46 w r to Chassis	Bat sqb mon(P)	11 kQ + 2%	11.002kO	11.002kΩ

314	MON-OP-47 w.r.to Chassis	Bat sqb mon(R)	11 kΩ + 2%	11.002kΩ	11.002kΩ
315	MON-OP-48 w.r.to Chassis	Bat vlv mon(P)	11 kΩ ± 2%	11.004kΩ	11.004kΩ
316	MON-OP-49 w.r.to Chassis	Bat vlv mon(R)	11 kΩ + 2%	11.003kΩ	11.003kΩ
317	MON-OP-66 w.r.to Chassis	Bat sqb mon(P)	11 kΩ + 2%	11.003kΩ	11.003kΩ 11.002kΩ
318	MON-OP-67 w.r.to Chassis	Bat sqb mon(R)	11 kΩ <u>+</u> 2%	11.002kΩ	11.002kΩ 11.002kΩ
319		Bat vlv mon(P)	·	11.002kΩ	11.002kΩ 11.004kΩ
320	MON-OP-68 w.r.to Chassis	Bat vlv mon(R)	11 kΩ <u>+</u> 2%	÷	
	MON-OP-69 w.r.to Chassis PB-R-1 w.r.to Chassis		11 kΩ <u>+</u> 2%	11.003kΩ	11.003kΩ
321		Bat sqb mon(P)	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
322	PB-R-2 w.r.to Chassis	Bat sqb mon(P)	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
323	PB-R-3 w.r.to Chassis	Bat sqb mon(P)	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
324	PB-R-4 w.r.to Chassis	Bat sqb mon(P)	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
325	PB-R-5 w.r.to Chassis	Bat sqb mon(P)	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
326	PB-R-6 w.r.to Chassis	Bat sqb mon(P)	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
327	PB-R-7 w.r.to Chassis	Bat sqb mon(P)	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
328	PB-R-8 w.r.to Chassis	Bat sqb mon(P)	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
329	PB-R-9 w.r.to Chassis	Bat sqb mon(P)	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
330	RB-R-1 w.r.to Chassis	Bat sqb mon(R)	10 kΩ + 2%	10.000kΩ	10.000kΩ
331	RB-R-2 w.r.to Chassis	Bat sqb mon(R)	10 kΩ + 2%	10.000kΩ	10.000kΩ
332	RB-R-3 w.r.to Chassis	Bat sqb mon(R)	10 kΩ + 2%	10.000kΩ	10.000kΩ
333	RB-R-4 w.r.to Chassis	Bat sqb mon(R)	 10 kΩ + 2%	10.000kΩ	10.000kΩ
334	RB-R-5 w.r.to Chassis	Bat sqb mon(R)	10 kΩ <u>+</u> 2%	10.000kΩ	10.000kΩ
335	RB-R-6 w.r.to Chassis	Bat sqb mon(R)		10.000kΩ	10.000kΩ
336	RB-R-7 w.r.to Chassis	Bat sqb mon(R)		10.000kΩ	10.000kΩ
337	RB-R-8 w.r.to Chassis	Bat sqb mon(R)	10 kΩ + 2%	10.000kΩ	10.000kΩ
338	RB-R-9 w.r.to Chassis	Bat sqb mon(R)	10 kΩ + 2%	10.000kΩ	10.000kΩ
339	OP1-9 w.r.to Chassis	OP1-	>100MΩ	>100MΩ	>100MΩ
340	OP1-11 w.r.to Chassis	9,11,29,31,48,64,65,66,	>100M Ω	>100M Ω	>100MΩ
341	OP1-29 w.r.to Chassis	68 w.r.t chassis	>100M Ω	>100MΩ	>100MΩ
342	OP1-31 w.r.to Chassis		>100M Ω	>100M Ω	>100M Ω
343	OP1-48 w.r.to Chassis		>100M Ω	>100M Ω	>100M Ω
344	OP1-64 w.r.to Chassis		>100M Ω	>100M Ω	>100M Ω
345	OP1-65 w.r.to Chassis		>100M Ω	>100M Ω	>100M Ω
346	OP1-66 w.r.to Chassis		>100MΩ	>100MΩ	>100MΩ
347	OP1-68 w.r.to Chassis		>100MΩ	>100MΩ	>100MΩ
348	OP2-9 w.r.to Chassis	OP2-9,11,29,31,48,68	>100MΩ	>100MΩ	>100MΩ
349	OP2-11 w.r.to Chassis	w.r.t chassis	>100MΩ	>100MΩ	>100MΩ
350	OP2-29 w.r.to Chassis		>100MΩ	>100MΩ	>100MΩ
351 352	OP2-31 w.r.to Chassis OP2-48 w.r.to Chassis		>100MΩ >100MΩ	>100MΩ >100MΩ	>100M Ω >100M Ω
353	OP2-48 w.r.to Chassis		>100MΩ	$>100M\Omega$	>100MΩ
	All pins of MON-OP w.r.t chassis				
354	(except Pin no.74)		>100MΩ	>100M Ω	>100M Ω
355	All connector mounting post w.r.t chassis		<100mΩ	<100mΩ	<100mΩ

List of Connectors in the package
1. PB_L and RB_L=11 pin Male D3899
2.MON_OP,OP1 and OP2=78 pin Female