

ABNORMAL TEST RESULT

OF MODEL ACP300F380

1. Did Cheese Cloth or Paper Glow?

No.

2. Did Ground Fuse Open?

No.

3. Dielectric breakdown?

No.

4. Other Results?

See the following pages .

(FMEA : 2/18 ~ 17/18)

(Abnormal Test Result: 18/18 ~ 18/18)

There was no emission of flame, molten metal, ignition of cheesecloth, dielectric breakdown, opening of the ground fuse, other indication of a shock or fire hazard.

F M E A

Component	Mode	Comment	Output Voltage (V)
C101	Open	Normal operation.	
	Short	F101 opened, No hazard.	0V
C102	Open	Normal operation.	
	Short	F101 opened, No hazard.	0V
C106	Open	Normal operation.	
	Short	F101 opened, No hazard.	0V
C108	Open	Normal operation.	
	Short	No Hazard.	0V
C109	Open	No Hazard.	0V
	Short	No Hazard.	0V
C110	Open	No Hazard.	0V
	Short	F101 opened, No hazard.	0V
C111	Open	Normal operation.	
	Short	No Hazard.	0V
C113	Open	Normal operation.	
	Short	Normal operation.	
C114	Open	Normal operation.	
	Short	No Hazard.	0V
C115	Open	Normal operation.	
	Short	No Hazard.	0V
C116	Open	Normal operation.	
	Short	Normal operation.	
C117	Open	Normal operation.	
	Short	No Hazard.	0V

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Component	Mode	Comment	Output Voltage (V)
C122	Open	Normal operation.	
	Short	Normal operation.	
C123	Open	Normal operation.	
	Short	Normal operation.	
C125	Open	See 18 Page.	
	Short	See 18 Page.	
C131	Open	Normal operation.	
	Short	Normal operation.	
C132	Open	Normal operation.	
	Short	Normal operation.	
C133	Open	Normal operation.	
	Short	Normal operation.	
C134	Open	Normal operation.	
	Short	Normal operation.	
C151	Open	No Hazard.	0V
	Short	No Hazard.	0V
C171	Open	Normal operation.	
	Short	Normal operation.	
C172	Open	Normal operation.	
	Short	Normal operation.	
C173	Open	Normal operation.	
	Short	No Hazard.	0V
C301	Open	No Hazard.	0V
	Short	No Hazard.	0V

F M E A

Component	Mode		Comment	Output Voltage (V)
C302	Open		No Hazard.	0V
	Short		Normal operation.	
C303	Open		Normal operation.	
	Short		No Hazard.	0V
C401	Open		Normal operation.	
	Short		No Hazard.	0V
C402	Open		Normal operation.	
	Short		Normal operation.	
C403	Open		Normal operation.	
	Short		No Hazard.	0V
C404	Open		Normal operation.	
	Short		Normal operation.	
C406	Open		Normal operation.	
	Short		Normal operation.	
C701	Open		Normal operation.	
	Short		No Hazard.	0V
C702	Open		Normal operation.	
	Short		Normal operation.	
CN101	Open	1, 2or4, 5	No Hazard.	0V
	Short	1, 2-4, 5	F101 opened, No hazard.	0V
CN102	Open	1, 2or4, 5	No Hazard.	0V
	Short	1, 2-4, 5	F101 opened, No hazard.	0V
CN701~704	Open	1	No Hazard.	0V
		2	No Hazard.	0V

F M E A

Component	Mode		Comment	Output Voltage (V)
CN701~704	Open	3, 4	No Hazard.	0V
		5	Normal operation.	
		6, 7	No Hazard.	0V
	Short	1-2	Normal operation.	
		2-3	No Hazard.	0V
		4-5	Normal operation.	
		5-6	Normal operation.	
D101	Open	No Hazard.	0V	
	Short	Normal operation.		
D102	Open	Normal operation.		
	Short	Normal operation.		
D103	Open	Normal operation.		
	Short	No Hazard.	0V	
D104	Open	Normal operation.		
	Short	See 18 Page.		
D105	Open	Normal operation.		
	Short	Normal operation.		
D106	Open	Normal operation.		
	Short	Normal operation.		
D151	Open	No Hazard.	0V	
	Short	No Hazard.	0V	
D171	Open	No Hazard.	0V	
	Short	No Hazard.	0V	
D301	Open	Normal operation.		

F M E A

Component	Mode		Comment	Output Voltage (V)
D301	Short		Normal operation.	
D401	Open		No Hazard.	0V
	Short		No Hazard.	0V
D402	Open		Normal operation.	
	Short		No Hazard.	0V
F301	Open		No Hazard.	0V
	Short		Normal operation.	
F701	Open		No Hazard.	0V
	Short		Normal operation.	
FAN401	Open	1	No Hazard.	0V
		2	Normal operation.	
		3	No Hazard.	0V
	Short	1-2	Normal operation.	
		2-3	Normal operation.	
IC101	Open	1	Normal operation.	
		2	Normal operation.	
		3	Normal operation.	
		4	Normal operation.	
		5	Normal operation.	
		6	Normal operation.	
		7	F101 opened, No hazard.	0V
		8	F101 opened, No hazard.	0V
		9	No Hazard.	0V
		10	No Hazard.	0V

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Component	Mode		Comment	Output Voltage (V)
IC101	Open	11	Normal operation.	
		12	No Hazard.	0V
		13	F101 opened, No hazard.	0V
		14	Normal operation.	
		15	F101 opened, No hazard.	0V
		16	F101 opened, No hazard.	0V
	Short	1-2	No Hazard.	0V
		2-3	Normal operation.	
		3-4	Normal operation.	
		4-5	No Hazard.	0V
		5-6	No Hazard.	0V
		6-7	Normal operation.	
		7-8	No Hazard.	0V
		9-10	Normal operation.	
		10-11	No Hazard.	0V
		11-12	Normal operation.	
		12-13	Normal operation.	
		13-14	No Hazard.	0V
		14-15	F101 opened, No hazard.	0V
		15-16	F101 opened, No hazard.	0V
IC171	Open	K	Normal operation.	
		A	Normal operation.	
		R	Normal operation.	
	Short	A-K	Normal operation.	

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Component	Mode		Comment	Output Voltage (V)
IC171	Short	K-R	Normal operation.	
		R-A	Normal operation.	
IC401	Open	1	No Hazard.	0V
		2	No Hazard.	0V
		3	No Hazard.	0V
		4	Normal operation.	
	Short	1-2	Normal operation.	
		2-3	No Hazard.	0V
		3-4	No Hazard.	0V
IC402	Open	1	Normal operation.	
		2	Normal operation.	
		3	Normal operation.	
	Short	1-2	No Hazard.	0V
		2-3	Normal operation.	
IC701	Open	1	Normal operation.	
		2	No Hazard.	0V
		3	Normal operation.	
		4	Normal operation.	
		5	Normal operation.	
		6	Normal operation.	
		7	Normal operation.	
		8	Normal operation.	
	Short	1-2	Normal operation.	
		2-3	Normal operation.	

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Component	Mode		Comment	Output Voltage (V)
IC701	Short	3-4	Normal operation.	
		5-6	Normal operation.	
		6-7	Normal operation.	
		7-8	Normal operation.	
L101	Open		No Hazard.	0V
	Short		Normal operation.	
L102	Open		No Hazard.	0V
	Short		Normal operation.	
L105	Open	Main	No Hazard.	0V
		Sub	No Hazard.	0V
	Short	Main	F101 opened, No hazard.	0V
		Sub	F101 opened, No hazard.	0V
L106	Open		Normal operation.	
	Short		Normal operation.	
PC101	Open	A, K	Normal operation.	
		C, E	Normal operation.	
	Short	A-K	Normal operation.	
		C-E	Normal operation.	
R101	Open		Normal operation.	
R102	Open		Normal operation.	
R103	Open		Normal operation.	
R104	Open		Normal operation.	
R105	Open		Normal operation.	
R106	Open		No Hazard.	0V

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Component	Mode	Comment	Output Voltage (V)
R107	Open	No Hazard.	0V
R108	Open	No Hazard.	0V
R109	Open	Normal operation.	
R110	Open	Normal operation.	
R111	Open	Normal operation.	
R112	Open	No Hazard.	0V
R113	Open	Normal operation.	
R114	Open	Normal operation.	
R115	Open	Normal operation.	
R116	Open	Normal operation.	
R117	Open	No Hazard.	0V
R118	Open	No Hazard.	0V
R119	Open	No Hazard.	0V
R120	Open	Normal operation.	
R121	Open	F101 opened, No hazard.	0V
R122	Open	Normal operation.	
R123	Open	Normal operation.	
R124	Open	Normal operation.	
R126	Open	No Hazard.	0V
R129	Open	Normal operation.	
R130	Open	F101 opened, No hazard.	0V
R131	Open	Normal operation.	
R133	Open	Normal operation.	
R134	Open	Normal operation.	

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Component	Mode	Comment	Output Voltage (V)
R135	Open	Normal operation.	
R136	Open	Normal operation.	
R137	Open	Normal operation.	
R138	Open	Normal operation.	
R139	Open	No Hazard.	0V
R140	Open	Normal operation.	
R141	Open	Normal operation.	
R142	Open	Normal operation.	
R143	Open	Normal operation.	
R144	Open	Normal operation.	
R151	Open	Normal operation.	
R153	Open	Normal operation.	
R154	Open	No Hazard.	0V
R155	Open	No Hazard.	0V
R171	Open	Normal operation.	
R172	Open	Normal operation.	
R173	Open	Normal operation.	
R174	Open	Normal operation.	
R175	Open	Normal operation.	
R176	Open	Normal operation.	
R177	Open	Normal operation.	
R178	Open	Normal operation.	
R179	Open	Normal operation.	
R180	Open	Normal operation.	

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Component	Mode	Comment	Output Voltage (V)
R181	Open	See 18 Page.	
R183	Open	Normal operation.	
R184	Open	Normal operation.	
R189	Open	Normal operation.	
R191	Open	Normal operation.	
R301	Open	Normal operation.	
R302	Open	Normal operation.	
R303	Open	Normal operation.	
R304	Open	Normal operation.	
R305	Open	Normal operation.	
R306	Open	Normal operation.	
R307	Open	Normal operation.	
R308	Open	Normal operation.	
R309	Open	No Hazard.	0V
R311	Open	No Hazard.	0V
R312	Open	No Hazard.	0V
R313	Open	Normal operation.	
R314	Open	Normal operation.	
R316	Open	No Hazard.	0V
R320	Open	No Hazard.	0V
R321	Open	Normal operation.	
R401	Open	Normal operation.	
R402	Open	Normal operation.	
R404	Open	Normal operation.	

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Component	Mode		Comment	Output Voltage (V)
R405	Open		Normal operation.	
R409	Open		Normal operation.	
R701	Open		No Hazard.	0V
R702	Open		No Hazard.	0V
R703	Open		No Hazard.	0V
R704	Open		No Hazard.	0V
R705	Open		No Hazard.	0V
R706	Open		Normal operation.	
R707	Open		No Hazard.	0V
R708	Open		No Hazard.	0V
R709	Open		Normal operation.	
R710	Open		Normal operation.	
R711	Open		No Hazard.	0V
R712	Open		No Hazard.	0V
R713	Open		No Hazard.	0V
R714	Open		No Hazard.	0V
R716	Open		Normal operation.	
SCR151	Open	T1	No Hazard.	0V
		T2	No Hazard.	0V
		G	No Hazard.	0V
	Short	T1-T2	Normal operation.	
		T1-G	Normal operation.	
		T2-G	No Hazard.	0V
SCR701	Open	T1	Normal operation.	

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Component	Mode		Comment	Output Voltage (V)
SCR701	Open	T2	Normal operation.	
		G	Normal operation.	
	Short	T1-T2	No Hazard.	0V
		T1-G	No Hazard.	0V
		T2-G	Normal operation.	
SS101	Open		No Hazard.	0V
	Short		F101 opened, No hazard.	0V
SS102	Open	Cahtode	F101 opened, No hazard.	0V
		Alternative	See 18 Page.	
	Short		F101 opened, No hazard.	0V
T301	Open	1or3	No Hazard.	0V
		2or3	No Hazard.	0V
		4or5	No Hazard.	0V
		7or9	No Hazard.	0V
	Short	1-3	No Hazard.	0V
		2-3	No Hazard.	0V
		4-5	No Hazard.	0V
		7-9	No Hazard.	0V
THSW701	Open		Normal operation.	
	Short		No Hazard.	0V
TR101	Open	C	No Hazard.	0V
		E	No Hazard.	0V
		B	No Hazard.	0V
	Short	C-E	Normal operation.	

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Component	Mode		Comment	Output Voltage (V)
TR101	Short	E-B	No Hazard.	0V
		B-C	Normal operation.	
TR102	Open	C	No Hazard.	0V
		E	No Hazard.	0V
		B	No Hazard.	0V
	Short	C-E	Normal operation.	
		E-B	No Hazard.	0V
		B-C	Normal operation.	
TR105	Open	D	See 18 Page.	
		S	See 18 Page.	
		G	See 18 Page.	
	Short	D-S	See 18 Page.	
		S-G	See 18 Page.	
		G-D	See 18 Page.	
TR171	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	Normal operation.	
		E-B	Normal operation.	
		B-C	Normal operation.	
TR172	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
TR172	Short	E-B	Normal operation.	
		B-C	Normal operation.	
TR301	Open	D	See 18 Page.	
		S	See 18 Page.	
		G	See 18 Page.	
	Short	D-S	See 18 Page.	
		S-G	See 18 Page.	
		G-D	See 18 Page.	
TR302	Open	C	No Hazard.	0V
		E	No Hazard.	0V
		B	No Hazard.	0V
	Short	C-E	No Hazard.	0V
		E-B	No Hazard.	0V
		B-C	No Hazard.	0V
TR401	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	Normal operation.	
		E-B	Normal operation.	
		B-C	Normal operation.	
TR402	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	Normal operation.	

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Component	Mode		Comment	Output Voltage (V)
TR402	Short	E-B	Normal operation.	
		B-C	Normal operation.	
ZD101	Open		No Hazard.	0V
	Short		Normal operation.	
ZD301	Open		Normal operation.	
	Short		No Hazard.	0V
ZD302	Open		No Hazard.	0V
	Short		No Hazard.	0V
ZD304	Open		Normal operation.	
	Short		Normal operation.	
ZD305	Open		Normal operation.	
	Short		No Hazard.	0V
ZD401	Open		Normal operation.	
	Short		No Hazard.	0V
ZD701	Open		Normal operation.	
	Short		No Hazard.	0V

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C125	Open		No Hazard.	V_OUT:0
	Short		F101 opened, No hazard.	V_OUT:0
D104	Short		No Hazard.	V_OUT:0
R181	Open		Normal operation.	V_OUT:*
SS102	Open	Alternative	Normal operation.	V_OUT:*
TR105	Open	D	No Hazard.	V_OUT:0
		S	No Hazard.	V_OUT:0
		G	No Hazard.	V_OUT:0
	Short	D-S	No Hazard.	V_OUT:0
		S-G	No Hazard.	V_OUT:0
		G-D	F101 opened, No hazard.	V_OUT:0
TR301	Open	D	No Hazard.	V_OUT:0
		S	No Hazard.	V_OUT:0
		G	No Hazard.	V_OUT:0
	Short	D-S	No Hazard.	V_OUT:0
		S-G	No Hazard.	V_OUT:0
		G-D	No Hazard.	V_OUT:0