

ABNORMAL TEST RESULT

OF MODEL PAA 75F1. Did Cheese Cloth or Paper Glow?

No.

2. Did Ground Fuse Open?

No.

3. Dielectric breakdown

No.

4. Other Results

See the following pages (1/14~14/14).

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.

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
C 11	Short	F11 opened, No hazard.	0V
	Open	Normal operation.	
C 12	Short	F11 opened, No hazard.	0V
	Open	Normal operation.	
C 14	Short	Normal operation.	
	Open	Normal operation.	
C 15	Short	Normal operation.	
	Open	Normal operation.	
C 17	Short	F11 opened, No hazard.	0V
	Open	Normal operation.	
C 18	Short	No hazard.	
	Open	Normal operation.	
C 19	Short	F11 opened, No hazard.	0V
	Open	TR11 shorted, F11 opened, No hazard.	0V
C 20	Short	F11 opened, No hazard.	0V
	Open	Normal operation.	
C 31	Short	Normal operation.	
	Open	Normal operation.	
C 32	Short	No hazard.	0V
	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
C 33	Short	Normal operation. R37 opened.	
	Open	Normal operation.	
C 34	Short	Normal operation.	
	Open	Normal operation.	
C 35	Short	Normal operation.	
	Open	Normal operation.	
C 36	Short	Normal operation.	
	Open	Normal operation.	
C 37	Short	Normal operation.	
	Open	Normal operation.	
C 38	Short	Normal operation.	
	Open	Normal operation.	
C 39	Short	No hazard.	
	Open	Normal operation.	
C 40	Short	Normal operation.	
	Open	Normal operation.	
C 41	Short	No hazard.	0V
	Open	Normal operation.	
C 42	Short	No hazard.	0V
	Open	Normal operation.	
C 44	Short	F11, TR11 oped. No hazard.	0V
	Open	No hazard.	0V

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
C 45	Short	Normal operation.	
	Open	Normal operation.	
C 46	Short	Normal operation.	
	Open	Normal operation.	
C 47	Short	Normal operation.	
	Open	Normal operation.	
C 48	Short	Normal operation.	
	Open	Output voltage decreased.	
C 49	Short	No hazard.	0V
	Open	Normal operation.	
C 50	Short	No hazard.	0V
	Open	Output voltage decreased.	
C 51	Short	Normal operation.	
	Open	Normal operation.	
C 61	Short	Normal operation.	
	Open	Normal operation.	
C 62	Short	Normal operation.	
	Open	Normal operation.	
C 63	Short	Output voltage decreased.	
	Open	Normal operation.	
C 64	Short	Output voltage decreased.	
	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
C 65	Short	Normal operation.	
	Open	Normal operation.	
C 71	Short	Output voltage decreased.	
	Open	Normal operation.	
C 72	Short	No hazard. OVP operated.	0V
	Open	Normal operation.	
C 73	Short	No hazard.	
	Open	No hazard.	
C 74	Short	Output voltage decreased.	
	Open	Normal operation.	
C111	Short	OVP operated. No hazard.	0V
	Open	Normal operation.	
D 11	Short	F11 opened, No hazard.	0V
	Open	TR11 shorted, F11 opened, No hazard.	0V
D 12	Short	Normal operation.	
	Open	Output voltage decreased.	
D 13	Short	Normal operation.	
	Open	Output voltage decreased.	
D 14	Short	No hazard.	0V
	Open	Output voltage decreased.	
D 15	Short	Normal operation.	
	Open	Normal operation.	

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Component	Mode	Comment	Output Voltage (V)	
D 16	Short	No hazard.	0V	
	Open	Normal operation.		
D 31	Short	Fuse opened. No hazard.	0V	
	Open	Normal operation.		
D 32	Short	Fuse opened. No hazard.	0V	
	Open	Normal operation.		
D 33	Short	No hazard.	0V	
	Open	Normal operation.		
D 34	Short	No hazard.	0V	
	Open	Normal operation.		
D111	Short	OVP operated. No hazard.	0V	
	Open	OVP operated. No hazard.	0V	
F 11	Short	Normal operation.		
	Open	No hazard.	0V	
IC 31	1- 2	Short	F11, TR11 opened. No hazard.	0V
	2- 3	Short	No hazard.	0V
	3- 4	Short	Output voltage decreased.	
	4- 5	Short	Output voltage decreased.	
	5- 6	Short	Normal operation.	
	6- 7	Short	Normal operation.	
	7- 8	Short	Normal operation.	
	8- 9	Short	Normal operation.	
	9-10	Short	No hazard.	0V
	11-12	Short	No hazard.	0V
	12-13	Short	No hazard.	0V

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)	
IC 31	13-14	Short	Output voltage decreased.	
	14-15	Short	Normal operation.	
	15-16	Short	Normal operation.	
	16-17	Short	Normal operation.	
	17-18	Short	Normal operation.	
	18-19	Short	Normal operation.	
	19-20	Short	No hazard.	0V
	1	Open	No hazard.	0V
	2	Open	No hazard.	0V
	3	Open	F11, TR11 opened. No hazard.	0V
	4	Open	Normal operation.	
	5	Open	Normal operation.	
	6	Open	Normal operation.	
	7	Open	Normal operation.	
	8	Open	Normal operation.	
	9	Open	Normal operation.	
	10	Open	OVP operated. No hazard.	0V
	11	Open	F11, TR11 opened. No hazard.	0V
	12	Open	F11, TR11 opened. No hazard.	0V
	13	Open	Output voltage decreased.	
14	Open	Normal operation.		
15	Open	Normal operation.		
16	Open	Normal operation.		

ABNORMAL TEST RESULT

Component		Mode	Comment	Output Voltage (V)
IC 31	17	Open	No hazard.	0V
	18	Open	Normal operation.	
	19	Open	Normal operation.	
	20	Open	No hazard.	0V
IC 71	K-R	Short	Output voltage decreased.	
	K-A	Short	Output voltage decreased.	
	R-A	Short	OVP operated. No hazard.	0V
	K, A, R	Open	OVP operated. No hazard.	0V
L 11	Input/Output	Short	Normal operation.	
	Line	Short	F11 opened, No hazard.	0V
	Terminal	Open	No hazard.	0V
L 12	Input/Output	Short	Normal operation.	
	Line	Short	F11 opened, No hazard.	0V
	Terminal	Open	No hazard.	0V
L 13	1-10	Short	Output voltage decreased.	
	1-10	Open	No hazard.	0V
	6-7	Short	Output voltage decreased.	
	6-7	Open	Normal operation.	
L 31		Short	Normal operation.	
		Open	Normal operation.	
L 65		Short	OVP operated. No hazard.	0V
		Open	No hazard.	0V

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
LED 61	Short	Normal operation.	
	Open	Normal operation.	
PC 31	A-K	Short	Normal operation.
	C-E	Short	OVP operated. No hazard. 0V
	(A, K)	Open	Normal operation.
	(C, E)	Open	Normal operation.
PC 32	A-K	Short	OVP operated. No hazard. 0V
	C-E	Short	No hazard. 0V
	(A, K)	Open	OVP operated. No hazard. 0V
	(C, E)	Open	OVP operated. No hazard. 0V
PC101	A-K	Short	No hazard. 0V
	C-E	Short	Normal operation.
	(A, K)	Open	No hazard. 0V
	(C, E)	Open	No hazard. 0V
R11~13, 25, 26	Open	Normal operation.	
R14, R92~R99	Open	No hazard. 0V	
R16~R19	Open	No hazard. 0V	
R 20	Open	No hazard. 0V	
R 21	Open	Normal operation.	
R 22	Open	Normal operation.	
R 23	Open	Normal operation.	
R 24	Open	Normal operation.	
R 32	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
R 33	Open	Normal operation.	
R 34	Open	Normal operation.	
R 35	Open	Normal operation.	
R 36	Open	Normal operation.	
R 37	Open	Normal operation.	
R 38	Open	Normal operation.	
R 39	Open	Normal operation.	
R 40	Open	Normal operation.	
R 41	Open	Normal operation.	
R 42	Open	Normal operation.	
R 43	Open	Normal operation.	
R 44	Open	Normal operation.	
R 45	Open	TR11 shorted. F11 opened. No hazard.	0V
R 46	Open	Normal operation.	
R 47	Open	OVP operated. No hazard.	0V
R 48	Open	Output voltage decreased.	
R 49	Open	Normal operation.	
R 50	Open	No hazard.	0V
R 51	Open	Normal operation.	
R 52	Open	Normal operation.	
R 53	Open	Normal operation.	
R 54	Open	Output voltage decreased.	

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)	
R 55	Open	Normal operation.		
R 56	Open	Output voltage decreased.		
R 57	Open	Normal operation.		
R 58	Open	Normal operation.		
R 61	Open	Normal operation.		
R 62	Open	Normal operation.		
R 63	Open	Normal operation.		
R 64~R69	Open	Normal operation.		
R70, R121, R122	Open	Normal operation.		
R 71	Open	Normal operation.		
R 72	Open	Normal operation.		
R 73	Open	Normal operation.		
R 74, R 75	Open	OVP operated. No hazard.	0V	
R 76	Open	Output voltage decreased.		
R 77	Open	OVP operated. No hazard.	0V	
R 78	Open	Output voltage decreased.		
R 83~R 89	Open	Normal operation.		
R101	Open	No hazard.	0V	
R102	Open	No hazard.	0V	
R111	Open	OVP operated. No hazard.	0V	
SCR31	A-K	Short	Normal operation.	
	G-K	Short	Normal operation.	
	A-G	Short	Normal operation.	
	(A, K)	Open	No hazard.	0V
	(G)	Open	Normal operation.	

ABNORMAL TEST RESULT

Component		Mode	Comment	Output Voltage (V)
SK 11		Short	F11 opened. No hazard.	0V
		Open	Normal operation.	
SS 11	Terminal	Short	F11 opened. No hazard.	0V
	Terminal	Open	No hazard.	0V
SS31-1 (R39)		Short	Output voltage decreased.	
		Open	Normal operation.	
SS31-2 (R40)		Short	Normal operation.	
		Open	Normal operation.	
SS32-1 (R37)		Short	Normal operation.	
		Open	Normal operation.	
SS32-2 (R38)		Short	Normal operation.	
		Open	Output voltage decreased.	
SS33-1 (ZD35)		Short	Normal operation.	
		Open	Normal operation.	
SS33-2 (R57)		Short	Normal operation.	
		Open	Normal operation.	
SS61 SS62	Forward	Short	No hazard.	0V
	Forward	Open	Normal operation.	
SS61 SS62	Flyback	Short	No hazard.	0V
	Flyback	Open	Normal operation.	

ABNORMAL TEST RESULT

Component		Mode	Comment	Output Voltage (V)
T 21	Primary	Short	TR11 shorted. F11 opened. No hazard.	0V
	Primary	Open	No hazard.	0V
	Second-ary	Short	Output voltage decreased.	
	Second-ary	Open	No hazard.	0V
	Subwire	Short	Output voltage decreased.	
	Subwire	Open	Normal operation.	
T 22	Primary	Short	Normal operation.	
	Primary	Open	No hazard.	0V
	Second-ary	Short	Normal operation.	
	Second-ary	Open	Normal operation.	
TR 11	D - S	Short	F11 opened. No hazard.	0V
	G - D	Short	ZD11 opened. No hazard.	0V
	G - S	Short	No hazard.	0V
	(G, D, S)	Open	No hazard.	0V
TR 31	C - E	Short	Normal operation.	
	B - C	Short	Normal operation.	
	B - E	Short	Normal operation.	
	(B, C, E)	Open	Normal operation.	

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Component		Mode	Comment	Output Voltage (V)
TR 32	C - E	Short	Output voltage decreased.	
	B - C	Short	Output voltage decreased.	
	B - E	Short	Normal operation.	
	(B, C, E)	Open	Normal operation.	
TR 33	C - E	Short	ZD36 open. No hazard.	0V
	B - C	Short	ZD36 open. No hazard.	0V
	B - E	Short	No hazard.	0V
	(B, C, E)	Open	No hazard.	0V
VR 71	Open	Output voltage decreased.		
ZD 11	Short	No hazard.		0V
	Open	Normal operation.		
ZD 31	Short	Normal operation.		
	Open	Normal operation.		
ZD 32	Short	Normal operation.		
	Open	Normal operation.		
ZD 33	Short	No hazard.		0V
	Open	Normal operation.		
ZD 34	Short	Output voltage decreased.		
	Open	Normal operation.		
ZD 35	Short	Normal operation.		
	Open	Normal operation.		

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
ZD 36	Short	No hazard.	0V
	Open	Output voltage decreased.	
ZD 61	Short	OVP operated. No hazard.	0V
	Open	Normal operation.	
ZD 62	Short	OVP operated. No hazard.	0V
	Open	Normal operation.	
ZD 63	Short	OVP operated. No hazard.	0V
	Open	Normal operation.	
ZD 64	Short	No hazard.	0V
	Open	OVP operated. No hazard.	0V