

## ABNORMAL TEST RESULT

OF MODEL LEB225F

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 : 2/27 ~ 23/27)

( Abnormal Test Result: 24/27 ~ 27/27)

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.	V1:0 V2:0
C102	Open	Normal operation.	
	Short	F101 opened, No hazard.	V1:0 V2:0
C103	Open	Normal operation.	
	Short	F101 opened, No hazard.	V1:0 V2:0
C104	Open	Normal operation.	
	Short	F101 opened, No hazard.	V1:0 V2:0
C108	Open	Normal operation.	
	Short	No Hazard.	V1:decreased V2:0
C109	Open	Normal operation.	
	Short	No Hazard.	V1:decreased V2:0
C110	Open	Normal operation.	
	Short	Normal operation.	
C111	Open	See 24 Page.	
	Short	See 24 Page.	
C112	Open	See 24 Page.	
	Short	See 24 Page.	
C113	Open	Normal operation.	
	Short	R122 opened, No hazard.	V1:decreased V2:0
C114	Open	Normal operation.	
	Short	No Hazard.	V1:decreased V2:0
C115	Open	F101 opened, No hazard.	V1:0 V2:0
	Short	No Hazard.	V1:decreased V2:0

## F M E A

Component	Mode	Comment	Output Voltage (V)
C116	Open	Normal operation.	
	Short	No Hazard.	V1:decreased V2:0
C117	Open	Normal operation.	
	Short	No Hazard.	V1:decreased V2:0
C118	Open	Normal operation.	
	Short	Normal operation.	
C119	Open	Normal operation.	
	Short	F101 opened, No hazard.	V1:0 V2:0
C120	Open	Normal operation.	
	Short	F101 opened, No hazard.	V1:0 V2:0
C121	Open	Normal operation.	
	Short	Normal operation.	
C122	Open	Normal operation.	
	Short	Normal operation.	
C151	Open	R151, R152 opened, No hazard.	V1:0 V2:0
	Short	R151, R152 opened, No hazard.	V1:0 V2:0
C201	Open	See 24 Page.	
	Short	No Hazard.	V2:0
C202	Open	Normal operation.	
	Short	Normal operation.	
C203	Open	See 24 Page.	
	Short	No Hazard.	V2:0
C204	Open	Normal operation.	
	Short	Normal operation.	

## F M E A

Component	Mode	Comment	Output Voltage (V)
C205	Open	No hazard.	V2:decreased
	Short	Normal operation.	
C206	Open	Normal operation.	
	Short	Normal operation.	
C207	Open	Normal operation.	
	Short	Normal operation.	
C208	Open	Normal operation.	
	Short	Normal operation.	
C251	Open	No hazard.	V2:decreased
	Short	Normal operation.	
C252	Open	Normal operation.	
	Short	Normal operation.	
C302	Open	See 24 Page.	
	Short	See 24 Page.	
C303	Open	Normal operation.	
	Short	Normal operation.	
C304	Open	Normal operation.	
	Short	Normal operation.	
C305	Open	Normal operation.	
	Short	See 24 Page.	
C307	Open	See 24 Page.	
	Short	See 24 Page.	
C501	Open	Normal operation.	
	Short	Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage (V)
C502	Open	Normal operation.	
	Short	Normal operation.	
C503	Open	Normal operation. (-0512)	
C503	Short	Normal operation. (-0512)	
C504	Open	Normal operation. (-0512)	
C504	Short	Normal operation. (-0512)	
C505	Open	Normal operation.	
	Short	Normal operation.	
C506	Open	Normal operation.	
	Short	Normal operation.	
C507	Open	Normal operation.	
	Short	No hazard.	V2:0
C508	Open	Normal operation.	
	Short	No hazard.	V2:0
C510	Open	No hazard.	V2:decreased
	Short	No hazard.	V2:decreased
C515	Open	Normal operation.	
	Short	Normal operation.	
C516	Open	Normal operation.	
	Short	Normal operation.	
C602	Open	Normal operation.	
	Short	Normal operation.	
C603	Open	Normal operation.	
	Short	No hazard.	V1:decreased

## F M E A

Component	Mode	Comment	Output Voltage (V)
C604	Open	Normal operation.	
	Short	No hazard.	V1:decreased
C606	Open	Normal operation.	
	Short	No Hazard.	V1:0
C607	Open	Normal operation.	
	Short	No Hazard.	V1:0
C608	Open	Normal operation.	
	Short	No Hazard.	V1:0
C609	Open	Normal operation.	
	Short	Normal operation.	
D103	Open	No Hazard.	V1:decreased V2:0
	Short	Normal operation.	
D104	Open	Normal operation.	
	Short	Normal operation.	
D105	Open	Normal operation.	
	Short	Normal operation.	
D106	Open	See 24 Page.	
	Short	See 24 Page.	
D107	Open	See 24 Page.	
	Short	See 24 Page.	
D108	Open	Normal operation.	
	Short	R122 opened, No hazard.	V1:decreased V2:0
D109	Open	Normal operation.	
	Short	Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage (V)
D110	Open	Normal operation.	
	Short	Normal operation.	
D151	Open	R151, R152 opened, No hazard.	V1:0 V2:0
	Short	R151, R152 opened, No hazard.	V1:0 V2:0
D201	Open	No Hazard.	V2:0
	Short	Normal operation.	
D202	Open	No Hazard.	V2:0
	Short	Normal operation.	
D203	Open	Normal operation.	
	Short	No Hazard.	V2:0
D204	Open	Normal operation.	
	Short	Normal operation.	
D205	Open	Normal operation.	
	Short	Normal operation.	
D251	Open	Normal operation.	
	Short	Normal operation.	
D301	Open	Normal operation.	
	Short	Normal operation.	
D303	Open	Normal operation.	
	Short	See 24 Page.	
D601	Open	See 24 Page.	
	Short	See 24 Page.	
D602	Open	See 24 Page.	
	Short	See 24 Page.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
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.	V1:0 V2:0
		8	F101 opened, No hazard.	V1:0 V2:0
		9	No Hazard.	V1:decreased V2:0
		10	No Hazard.	V1:decreased V2:0
		11	Normal operation.	
		12	No Hazard.	V1:decreased V2:0
		13	F101 opened, No hazard.	V1:0 V2:0
		14	Normal operation.	
		15	F101 opened, No hazard.	V1:0 V2:0
		16	F101 opened, No hazard.	V1:0 V2:0
	Short	1-2	No Hazard.	V1:decreased V2:0
		2-3	Normal operation.	
		3-4	Normal operation.	
		4-5	No Hazard.	V1:decreased V2:0
		5-6	No Hazard.	V1:decreased V2:0
		6-7	Normal operation.	
		7-8	No Hazard.	V1:decreased V2:0
		9-10	Normal operation.	



## F M E A

Component	Mode		Comment	Output Voltage (V)
IC101	Short	10-11	No Hazard.	V1:decreased V2:0
		11-12	Normal operation.	
		12-13	Normal operation.	
		13-14	No Hazard.	V1:decreased V2:0
		14-15	F101 opened, No hazard.	V1:0 V2:0
		15-16	F101 opened, No hazard.	V1:0 V2:0
IC201	Open	1	No Hazard.	V2:0
		2	F101 opened, No hazard.	V1:0 V2:0
		3	F101 opened, No hazard.	V1:0 V2:0
		4	Normal operation.	
		5	Normal operation.	
		6	Normal operation.	
		7	Normal operation.	
		8	Normal operation.	
		9	Normal operation.	
		10	No Hazard.	V2:0
		11	No Hazard.	V2:0
		12	See 24 Page.	
		13	See 24 Page.	
		14	Normal operation.	
		15	Normal operation.	
		16	Normal operation.	
		17	No Hazard.	V2:0
		18	Normal operation.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
IC201	Open	19	Normal operation.	
		20	No Hazard.	V2:0
	Short	1-2	See 24 Page.	
		2-3	No Hazard.	V2:0
		3-4	Normal operation.	
		4-5	Normal operation.	
		5-6	Normal operation.	
		6-7	Normal operation.	
		7-8	Normal operation.	
		8-9	Normal operation.	
		9-10	No Hazard.	V2:0
		11-12	No Hazard.	V2:0
		12-13	No Hazard.	V2:0
		13-14	Normal operation.	
		14-15	Normal operation.	
		15-16	Normal operation.	
		16-17	Normal operation.	
		17-18	Normal operation.	
		18-19	Normal operation.	
		19-20	No Hazard.	V2:0
IC501	Open	K	No Hazard.	V2:0
		A	No Hazard.	V2:0
		R	No Hazard.	V2:0
	Short	A-K	No hazard.	V2:decreased

## F M E A

Component	Mode		Comment	Output Voltage (V)
IC501	Short	K-R	No hazard.	V2:decreased
		R-A	No Hazard.	V2:0
IC601	Open	K	No Hazard.	V1:0
		A	No Hazard.	V1:0
		R	No Hazard.	V1:0
	Short	A-K	No hazard.	V1:decreased
		K-R	No hazard.	V1:decreased
		R-A	No Hazard.	V1:0
J201	Open		No Hazard.	V2:0
J501	Open		Normal operation. (-0512)	
J502	Open		No Hazard.	V2:0
L101	Open		No Hazard.	V1:0 V2:0
	Short		Normal operation.	
L102	Open		No Hazard.	V1:0 V2:0
	Short		Normal operation.	
L103	Open	2, 3or4, 5	No Hazard.	V1:0 V2:0
		7or8	See 24 Page.	
		9or10	R151, R152 opened, No hazard.	V1:0 V2:0
	Short	2, 3-4, 5	F101 opened, No hazard.	V1:0 V2:0
		7-8	See 25 Page.	
		9-10	R151, R152 opened, No hazard.	V1:0 V2:0
L507	Open		See 25 Page.	
	Short		See 25 Page.	
L508	Open		No Hazard.	V2:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
L601	Open		No Hazard.	V1:0
	Short		Normal operation.	
PC201	Open	A, K	No Hazard.	V2:0
		C, E	No Hazard.	V2:0
	Short	A-K	No Hazard.	V2:0
		C-E	No Hazard.	V2:0
PC202	Open	A, K	Normal operation.	
		C, E	Normal operation.	
	Short	A-K	Normal operation.	
		C-E	No Hazard.	V2:0
PC301	Open	A, K	No Hazard.	V1:0
		C, E	No Hazard.	V1:0
	Short	A-K	No Hazard.	V1:0
		C-E	No Hazard.	V1:0
R101	Open		Normal operation.	
R102	Open		Normal operation.	
R103	Open		Normal operation.	
R104	Open		Normal operation.	
R105	Open		Normal operation.	
R106	Open		No Hazard.	V1:decreased V2:0
R107	Open		No Hazard.	V1:decreased V2:0
R108	Open		No Hazard.	V1:decreased V2:0
R109	Open		No Hazard.	V1:decreased V2:0
R110	Open		Normal operation.	

## F M E A

Component	Mode	Comment	Output Voltage (V)
R111	Open	No Hazard.	V1:decreased V2:0
R112	Open	Normal operation.	
R113	Open	Normal operation.	
R114	Open	Normal operation.	
R115	Open	Normal operation.	
R116	Open	No Hazard.	V1:decreased V2:0
R117	Open	No Hazard.	V1:decreased V2:0
R118	Open	No Hazard.	V1:decreased V2:0
R119	Open	Normal operation.	
R120	Open	Normal operation.	
R121	Open	Normal operation.	
R122	Open	Normal operation.	
R123	Open	Normal operation.	
R124	Open	See 25 Page.	
R125	Open	See 25 Page.	
R126	Open	No Hazard.	V1:decreased V2:0
R127	Open	No Hazard.	V1:decreased V2:0
R128	Open	Normal operation.	
R129	Open	Normal operation.	
R130	Open	Normal operation.	
R131	Open	Normal operation.	
R132	Open	F101 opened, No hazard.	V1:0 V2:0
R133	Open	Normal operation.	
R134	Open	Normal operation.	

## F M E A

Component	Mode	Comment	Output Voltage (V)
R135	Open	Normal operation.	
R136	Open	Normal operation.	
R137	Open	Normal operation.	
R138	Open	No Hazard.	V1:decreased V2:0
R139	Open	Normal operation.	
R140	Open	Normal operation.	
R141	Open	Normal operation.	
R142	Open	Normal operation.	
R143	Open	No Hazard.	V1:decreased V2:0
R144	Open	Normal operation.	
R146	Open	Normal operation.	
R147	Open	Normal operation.	
R148	Open	F101 opened, No hazard.	V1:0 V2:0
R149	Open	F101 opened, No hazard.	V1:0 V2:0
R151	Open	Normal operation.	
R152	Open	Normal operation.	
R153	Open	Normal operation.	
R154	Open	R151, R152 opened, No hazard.	V1:0 V2:0
R155	Open	R151, R152 opened, No hazard.	V1:0 V2:0
R201	Open	Normal operation.	
R202	Open	Normal operation.	
R203	Open	Normal operation.	
R204	Open	Normal operation.	
R205	Open	Normal operation.	

## F M E A

Component	Mode	Comment	Output Voltage (V)
R206	Open	No Hazard.	V2:0
R207	Open	No Hazard.	V2:0
R208	Open	See 25 Page.	
R209	Open	No Hazard.	V2:0
R210	Open	No Hazard.	V2:0
R211	Open	Normal operation.	
R212	Open	Normal operation.	
R213	Open	See 25 Page.	
R214	Open	Normal operation.	
R215	Open	No hazard.	V2:decreased
R216	Open	Normal operation.	
R217	Open	No hazard.	V2:decreased
R218	Open	Normal operation.	
R219	Open	Normal operation.	
R220	Open	No hazard.	V2:decreased
R251	Open	Normal operation.	
R252	Open	No hazard.	V2:decreased
R253	Open	Normal operation.	
R254	Open	Normal operation.	
R301	Open	Normal operation.	
R302	Open	Normal operation.	
R303	Open	Normal operation.	
R304	Open	Normal operation.	
R305	Open	Normal operation.	

## F M E A

Component	Mode	Comment	Output Voltage (V)
R306	Open	F301 opened, No hazard.	V1:0
R307	Open	Normal operation.	
R308	Open	Normal operation.	
R309	Open	See 25 Page.	
R310	Open	F301 opened, No hazard.	V1:0
R311	Open	See 25 Page.	
R312	Open	Normal operation.	
R313	Open	See 25 Page.	
R314	Open	See 25 Page.	
R501	Open	Normal operation.	
R502	Open	Normal operation.	
R503	Open	No Hazard.	V2:0
R504	Open	Normal operation.	
R505	Open	No Hazard.	V2:decreased
R506	Open	No Hazard.	V2:0
R507	Open	No hazard.	V2:decreased
R508	Open	No hazard.	V2:decreased
R509	Open	No Hazard.	V2:0
R510	Open	Normal operation.	
R511	Open	Normal operation.	
R512	Open	Normal operation.	
R513	Open	Normal operation.	
R514	Open	Normal operation.	
R515	Open	Normal operation.	



## F M E A

Component	Mode	Comment	Output Voltage (V)
R521	Open	Normal operation.	
R522	Open	Normal operation.	
R523	Open	Normal operation.	
R524	Open	Normal operation.	
R525	Open	Normal operation.	
R526	Open	Normal operation.	
R527	Open	Normal operation.	
R528	Open	Normal operation.	
R529	Open	Normal operation.	
R530	Open	Normal operation.	
R531	Open	Normal operation.	
R532	Open	Normal operation.	
R533	Open	Normal operation.	
R534	Open	Normal operation.	
R535	Open	Normal operation.	
R536	Open	Normal operation.	
R537	Open	Normal operation.	
R538	Open	Normal operation.	
R601	Open	No Hazard.	V1:0
R602	Open	Normal operation.	
R603	Open	No Hazard.	V1:0
R604	Open	Normal operation.	
R605	Open	No Hazard.	V1:decreased
R606	Open	No Hazard.	V1:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
R607	Open		No hazard.	V1:decreased
R610	Open		Normal operation.	
R611	Open		Normal operation.	
R612	Open		Normal operation.	
R613	Open		Normal operation.	
R614	Open		Normal operation.	
R615	Open		Normal operation.	
SCR151	Open	A	R151, R152 opened, No hazard.	V1:0 V2:0
		C	R151, R152 opened, No hazard.	V1:0 V2:0
		G	R151, R152 opened, No hazard.	V1:0 V2:0
	Short	A-C	Normal operation.	
		A-G	Normal operation.	
		C-G	R151, R152 opened, No hazard.	V1:0 V2:0
SS101	Open		No Hazard.	V1:0 V2:0
	Short		F101 opened, No hazard.	V1:0 V2:0
SS102	Open	Cathode	F101 opened, No hazard.	V1:0 V2:0
		Alternative anodes	Normal operation.	
	Short		F101 opened, No hazard.	V1:0 V2:0
SS501	Open	Forward side	See 25 Page.	
		Flyback side	See 25 Page.	
		Cathode side	See 25 Page.	
	Short	Forward side	See 25 Page.	
		Flyback side	See 25 Page.	
SS502	Open	Forward side	See 25 Page.	

F M E A

Component	Mode		Comment	Output Voltage (V)
SS502	Open	Flyback side	See 25 Page.	
		Cathode side	See 25 Page.	
	Short	Forward side	See 25 Page.	
		Flyback side	See 25 Page.	
SS601	Open	Cathode	See 25 Page.	
		Alternative anodes	Normal operation.	
	Short		No Hazard.	V1:0
T201	Open	8or9	No Hazard.	V2:0
		6or7	No hazard.	V2:decreased
		1, 2or3, 4	See 25 Page.	
	Short	8-9	F101 opened, No hazard.	V1:0 V2:0
		6-7	F101 opened, No hazard.	V1:0 V2:0
		1, 2-3, 4	See 25 Page.	
T301	Open	5or7	No Hazard.	V1:0
		8or9	See 26 Page.	
		1, 2or3, 4	See 26 Page.	
	Short	5-7	F301 opened, No hazard.	V1:0
		8-9	F301 opened, No hazard.	V1:0
		1, 2-3, 4	F301 opened, No hazard.	V1:0
THSW201	Open		Normal operation.	
	Short		No Hazard.	V2:0
TR101	Open	C	No Hazard.	V1:decreased V2:0
		E	No Hazard.	V1:decreased V2:0
		B	No Hazard.	V1:decreased V2:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
TR101	Short	C-E	Normal operation.	
		E-B	No Hazard.	V1:decreased V2:0
		B-C	Normal operation.	
TR102	Open	C	No Hazard.	V1:decreased V2:0
		E	No Hazard.	V1:decreased V2:0
		B	No Hazard.	V1:decreased V2:0
	Short	C-E	Normal operation.	
		E-B	No Hazard.	V1:decreased V2:0
		B-C	Normal operation.	
TR103	Open	D	Normal operation.	
		S	Normal operation.	
		G	Normal operation.	
	Short	D-S	See 26 Page.	
		S-G	Normal operation.	
		G-D	See 26 Page.	
TR104	Open	C	See 26 Page.	
		E	See 26 Page.	
		B	See 26 Page.	
	Short	C-E	Normal operation.	
		E-B	See 26 Page.	
		B-C	Normal operation.	
TR105	Open	D	See 26 Page.	
		S	See 26 Page.	
		G	See 26 Page.	V1:0 V2:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
TR105	Short	D-S	See 26 Page.	V1:0 V2:0
		S-G	See 26 Page.	
		G-D	See 26 Page.	V1:0 V2:0
TR106	Open	C	No Hazard.	V1:decreased V2:0
		E	No Hazard.	V1:decreased V2:0
		B	No Hazard.	V1:decreased V2:0
	Short	C-E	See 26 Page.	
		E-B	No Hazard.	V1:decreased V2:0
		B-C	See 26 Page.	
TR107	Open	C	See 26 Page.	
		E	See 26 Page.	
		B	See 26 Page.	
	Short	C-E	No Hazard.	V1:decreased V2:0
		E-B	See 26 Page.	
		B-C	No Hazard.	V1:decreased V2:0
TR108	Open	D	See 26 Page.	
		S	See 26 Page.	
		G	See 26 Page.	V1:0 V2:0
	Short	D-S	See 26 Page.	V1:0 V2:0
		S-G	See 27 Page.	
		G-D	See 27 Page.	V1:0 V2:0
TR201	Open	D	See 27 Page.	V2:0
		S	See 27 Page.	V2:0
		G	See 27 Page.	V1:0 V2:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
TR201	Short	D-S	See 27 Page.	V1:0 V2:0
		S-G	See 27 Page.	V2:0
		G-D	See 27 Page.	V1:0 V2:0
TR301	Open	D	See 27 Page.	V1:0
		S	See 27 Page.	V1:0
		G	See 27 Page.	V1:0
	Short	D-S	See 27 Page.	V1:0
		S-G	See 27 Page.	V1:0
		G-D	See 27 Page.	V1:0
TR302	Open	C	F301 opened, No hazard.	V1:0
		E	F301 opened, No hazard.	V1:0
		B	F301 opened, No hazard.	V1:0
	Short	C-E	No Hazard.	V1:0
		E-B	F301 opened, No hazard.	V1:0
		B-C	No hazard.	V1:0
VR601	Open	brush	No hazard.	V1:decreased
			No hazard.	V1:decreased
	Short		No Hazard.	V1:0
ZD101	Open		No Hazard.	V1:decreased V2:0
	Short		Normal operation.	
ZD102	Open		Normal operation.	
	Short		Normal operation.	
ZD103	Open		See 27 Page.	
	Short		Normal operation.	

## F M E A

Component	Mode	Comment	Output Voltage (V)
ZD104	Open	Normal operation.	
	Short	R122 opened, No hazard.	V1:decreased V2:0
ZD251	Open	Normal operation.	
	Short	No Hazard.	V2:decreased
ZD301	Open	Normal operation.	
	Short	No Hazard.	V1:0
ZD302	Open	Normal operation.	
	Short	No Hazard.	V1:0
ZD501	Open	Normal operation.	
	Short	No Hazard.	V2:0
ZD502	Open	Normal operation. (-0524)	
	Short	No Hazard. (-0524)	V2:0
ZD601	Open	Normal operation.	
	Short	No Hazard.	V1:0

## ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C111	Open		No Hazard.	V1:decreased V2:0
	Short		R122 opened, No hazard.	V1:decreased V2:0
C112	Open		Normal operation.	
	Short		Normal operation.	
C201	Open		No Hazard.	V2:0
C203	Open		No Hazard.	V2:0
C302	Open		F301 opened, No hazard.	V1:0
	Short		No Hazard.	V1:decreased
C305	Short		F301 opened, No hazard.	V1:0
C307	Open		No Hazard.	V1:0
	Short		No Hazard.	V1:decreased
D106	Open		Normal operation.	
	Short		Normal operation.	
D107	Open		Normal operation.	
	Short		Normal operation.	
D303	Short		F301 opened, No hazard.	V1:0
D601	Open		Normal operation.	
	Short		No Hazard.	V1:0
D602	Open		Normal operation.	
	Short		Normal operation.	
IC201	Open	12	No Hazard.	V2:0
		13	No Hazard.	V2:decreased
	Short	1-2	Normal operation.	
L103	Open	7or8	Normal operation.	



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
L103	Short	7-8	F101 opened, No hazard.	V1:0 V2:0
L507	Open		No Hazard.	V2:0
	Short		No Hazard.	V2:0
R124	Open		Normal operation.	
R125	Open		Normal operation.	
R208	Open		No Hazard.	V2:decreased
R213	Open		F101 opened, No hazard.	V1:0 V2:0
R309	Open		F301 opened, No hazard.	V1:0
R311	Open		No Hazard.	V1:0
R313	Open		Normal operation.	
R314	Open		Normal operation.	
SS501	Open	Forward side	Normal operation.	
		Flyback side	Normal operation.	
		Cathode side	Normal operation.	
	Short	Forward side	No Hazard.	V2:0
		Flyback side	No Hazard.	V2:0
SS502	Open	Forward side	Normal operation.	
		Flyback side	Normal operation.	
		Cathode side	Normal operation.	
	Short	Forward side	No Hazard.	V2:0
		Flyback side	No Hazard.	V2:0
SS601	Open	Cathode	No Hazard.	V1:0
T201	Open	1, 2-3, 4	No Hazard.	V2:0
	Short	1, 2-3, 4	No Hazard.	V2:0

## ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
T301	Open	8or9	F301 opened, No hazard.	V1:0
		1, 2or3, 4	No Hazard.	V1:0
TR103	Short	D-S	R122 opened, No Hazard.	V1:decreased V2:0
		G-D	R122 opened, No Hazard.	V1:decreased V2:0
TR104	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	E-B	Normal operation.	
TR105	Open	D	Normal operation.	
		S	Normal operation.	
		G	F101 opened, No hazard.	V1:0 V2:0
	Short	D-S	F101 opened, No hazard.	V1:0 V2:0
		S-G	No Hazard.	V1:decreased V2:0
		G-D	F101 opened, No hazard.	V1:0 V2:0
TR106	Short	C-E	R122 opened, No Hazard.	V1:decreased V2:0
		B-C	F101 opened, No hazard.	V1:0 V2:0
TR107	Open	C	F101 opened, No hazard.	V1:0 V2:0
		E	F101 opened, No hazard.	V1:0 V2:0
		B	F101 opened, No hazard.	V1:0 V2:0
	Short	E-B	F101 opened, No hazard.	V1:0 V2:0
TR108	Open	D	Normal operation.	
		S	Normal operation.	
		G	F101 opened, No hazard.	V1:0 V2:0
	Short	D-S	F101 opened, No hazard.	V1:0 V2:0

## ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR108	Short	S-G	No Hazard.	V1:decreased V2:0
		G-D	F101 opened, No hazard.	V1:0 V2:0
TR201	Open	D	No Hazard.	V2:0
		S	No Hazard.	V2:0
		G	F101 opened, No hazard.	V1:0 V2:0
	Short	D-S	F101 opened, No hazard.	V1:0 V2:0
		S-G	No Hazard.	V2:0
		G-D	F101 opened, No hazard.	V1:0 V2:0
TR301	Open	D	No Hazard.	V1:0
		S	No Hazard.	V1:0
		G	F301 opened, No hazard.	V1:0
	Short	D-S	F301 opened, No hazard.	V1:0
		S-G	No Hazard.	V1:0
		G-D	F301 opened, No hazard.	V1:0
ZD103	Open		Normal operation.	