

## ABNORMAL TEST RESULT

## OF MODEL LFP300F

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 : 2/25 ~ 24/25)

( Abnormal Test Result: 25/25 ~ 25/25)

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.	AVR1:0
C102	Open	Normal operation.	
	Short	F101 opened, no hazard.	AVR1:0
C103	Open	Normal operation.	
	Short	R111 opened, no hazard.	AVR1:0
C104	Open	Normal operation.	
	Short	R111 opened, no hazard.	AVR1:0
C110	Open	Normal operation.	
	Short	Normal operation.	
C111	Open	Normal operation.	
	Short	Normal operation.	
C113	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C114	Open	Normal operation.	
	Short	Normal operation.	
C115	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C116	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C117	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C118	Open	Normal operation.	
	Short	No Hazard.	AVR1:0

## F M E A

Component	Mode	Comment	Output Voltage (V)
C119	Open	Normal operation.	
	Short	Normal operation.	
C120	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C121	Open	Normal operation.	
	Short	Normal operation.	
C122	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C123	Open	Normal operation.	
	Short	Normal operation.	
C124	Open	Normal operation.	
	Short	Normal operation.	
C125	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C127	Open	Normal operation.	
	Short	R111 opened, no hazard.	AVR1:0
C128	Open	Normal operation.	
	Short	R111 opened, no hazard.	AVR1:0
C130	Open	Normal operation.	
	Short	R111 opened, no hazard.	AVR1:0
C131	Open	R111 opened, no hazard.	AVR1:0
	Short	Normal operation.	
C132	Open	Normal operation.	
	Short	Normal operation.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
C133	Open		Normal operation.	
	Short		Normal operation.	
C201	Open		Normal operation.	
	Short		Output voltage decreased. No hazard.	AVR1:decreased
C203	Open		No hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
C204	Open	Only 24	Normal operation.	
	Short	Only 24	No Hazard.	AVR1:0
C205	Open		Normal operation.	
	Short		Normal operation.	
C206	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
C207	Open		Normal operation.	
	Short		Normal operation.	
C208	Open		Normal operation.	
	Short		Normal operation.	
C210	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
C211	Open		Normal operation.	
	Short		Normal operation.	
C212	Open		Normal operation.	
	Short		Output voltage decreased. No hazard.	AVR1:decreased
C214	Open		No hazard.	AVR1:0
	Short		Normal operation.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
C215	Open		Normal operation.	
	Short		Normal operation.	
C216	Open	Only 24, 30	Normal operation.	
	Short	Only 24, 30	Normal operation.	
C217	Open	Only 24, 30	Normal operation.	
	Short	Only 24, 30	Normal operation.	
C220	Open		Normal operation.	
	Short		Output voltage decreased. No hazard.	AVR1:decreased
C501	Open		Normal operation.	
	Short		Normal operation.	
C502	Open		Normal operation.	
	Short		Normal operation.	
C503	Open		Normal operation.	
	Short		Normal operation.	
C504	Open		Normal operation.	
	Short		Normal operation.	
C505	Open		Normal operation.	
	Short		Normal operation.	
C506	Open		Normal operation.	
	Short		Normal operation.	
C512	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
C513	Open		Normal operation.	
	Short		No Hazard.	AVR1:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
C514	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
C515	Open	Only 24,30	Normal operation.	
	Short	Only 24,30	No Hazard.	AVR1:0
C602	Open	Except 48	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Except 48	Output voltage decreased. No hazard.	AVR1:decreased
C603	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		Output voltage decreased. No hazard.	AVR1:decreased
C606	Open	only 48	Output voltage decreased. No hazard.	AVR1:decreased
	Short	only 48	Output voltage decreased. No hazard.	AVR1:decreased
D101	Open		R111 opened, no hazard.	AVR1:0
	Short		R111 opened, no hazard.	AVR1:0
D102	Open		R111 opened, no hazard.	AVR1:0
	Short		R111 opened, no hazard.	AVR1:0
D103	Open		Normal operation.	
	Short		Normal operation.	
D104	Open		Normal operation.	
	Short		Normal operation.	
D105	Open		Normal operation.	
	Short		Normal operation.	
D106	Open		Normal operation.	
	Short		Normal operation.	
D107	Open		Normal operation.	
	Short		Normal operation.	

## F M E A

Component	Mode	Comment	Output Voltage (V)
D108	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
D109	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
D111	Open	Normal operation.	
	Short	F101 opened, no hazard.	AVR1:0
D112	Open	Normal operation.	
	Short	Normal operation.	
D201	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
D202	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	
D203	Open	Normal operation.	
	Short	Normal operation.	
D204	Open	Normal operation.	
	Short	Normal operation.	
D205	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
D206	Open	Normal operation.	
	Short	Normal operation.	
D208	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
D211	Open	Normal operation.	
	Short	Normal operation.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
IC101	Open	1	No Hazard.	AVR1:0
		2	Normal operation.	
		3	Normal operation.	
		4	No Hazard.	AVR1:0
		5	Normal operation.	
		6	No Hazard.	AVR1:0
		7	No Hazard.	AVR1:0
		8	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	
		2-3	Normal operation.	
		3-4	Normal operation.	
		5-6	No Hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
		7-8	F101 opened, no hazard.	AVR1:0
IC201	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	Normal operation.	
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	Normal operation.	
		8	Output voltage decreased. No hazard.	AVR1:decreased
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0



## F M E A

Component	Mode		Comment	Output Voltage (V)
IC201	Short	3-4	Normal operation.	
		5-6	F101 opened, no hazard.	AVR1:0
		6-7	Normal operation.	
		7-8	Normal operation.	
IC601	Open	K	No Hazard.	AVR1:0
		A	No Hazard.	AVR1:0
		R	No Hazard.	AVR1:0
	Short	A-K	Output voltage decreased. No hazard.	AVR1:decreased
		K-R	Output voltage decreased. No hazard.	AVR1:decreased
		R-A	No Hazard.	AVR1:0
J601	Open	Only 24	No Hazard.	AVR1:0
L101	Open		No Hazard.	AVR1:0
	Short		Normal operation.	
L102	Open		No Hazard.	AVR1:0
	Short		Normal operation.	
L103	Open		No Hazard.	AVR1:0
	Short		Normal operation.	
L104	Open	1	Normal operation.	
		2	Normal operation.	
		3	R111 opened, no hazard.	
		4	R111 opened, no hazard.	AVR1:0
		5, 6	No Hazard.	AVR1:0
		7, 8	No Hazard.	AVR1:0
	Short	1-2	R111 opened, no hazard.	AVR1:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
L104	Short	2-3	R111 opened, no hazard.	AVR1:0
		3-4	R111 opened, no hazard.	AVR1:0
		4-5	R111 opened, no hazard.	AVR1:0
L105	Open		No Hazard.	AVR1:0
	Short		Normal operation.	
L106	Open		F101 opened, no hazard.	AVR1:0
	Short		Normal operation.	
L107	Open		F101 opened, no hazard.	AVR1:0
	Short		Normal operation.	
L108	Open		Normal operation.	
	Short		Normal operation.	
L201	Open		F101 opened, no hazard.	AVR1:0
	Short		Normal operation.	
L202	Open		F101 opened, no hazard.	AVR1:0
	Short		Normal operation.	
L507	Open		F101 opened, no hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
PC201	Open	A, K	No Hazard.	AVR1:0
		C, E	No Hazard.	AVR1:0
	Short	A-K	No Hazard.	AVR1:0
		C-E	No Hazard.	AVR1:0
PC202	Open	A, K	Normal operation.	
		C, E	Normal operation.	
	Short	A-K	Normal operation.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
PC202	Short	C-E	No Hazard.	AVR1:0
PTH201	Open		No Hazard.	AVR1:0
	Short		Normal operation.	
PTH202	Open		No Hazard.	AVR1:0
	Short		Normal operation.	
SCR101	Open	T1	R111 opened, no hazard.	AVR1:0
		T2	R111 opened, no hazard.	AVR1:0
		G	R111 opened, no hazard.	AVR1:0
	Short	T1-T2	Normal operation.	
		T1-G	R111 opened, no hazard.	AVR1:0
		T2-G	R111 opened, no hazard.	AVR1:0
SS101	Open		No Hazard.	AVR1:0
	Short		F101 opened, no hazard.	AVR1:0
SS102	Open	Cathode	F101 opened, no hazard.	AVR1:0
		Alternative	Normal operation.	
	Short		F101 opened, no hazard.	AVR1:0
SS501 Cathod	Open		F101 opened, no hazard.	AVR1:0
SS501 Altern	Open		Normal operation.	
SS501	Short		No Hazard.	AVR1:0
SS502 Cathod	Open		Normal operation.	
SS502 Altern	Open		Normal operation.	
SS502	Short		No Hazard.	AVR1:0
SS503 Cathod	Open		Normal operation.	
SS503 Altern	Open		Normal operation.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
SS503	Short		No Hazard.	AVR1:0
T201	Open	1	No Hazard.	AVR1:0
		3	Normal operation.	
		4	Output voltage decreased. No hazard.	AVR1:decreased
		5	Output voltage decreased. No hazard.	AVR1:decreased
		6	No Hazard.	AVR1:0
		9	Normal operation.	
		10	Normal operation.	
		11	Normal operation.	
		12	Normal operation.	
	Short	3-4	Normal operation.	
		4-5	No Hazard.	AVR1:0
		5-6	R111 opened, no hazard.	AVR1:0
		10-11	No Hazard.	AVR1:0
TR101 D	Open	D	See 25 Page.	
TR101 S	Open	S	See 25 Page.	
TR101 G	Open	G	See 25 Page.	
TR101 D-S	Short	D-S	See 25 Page.	
TR101 S-G	Short	S-G	See 25 Page.	
TR101 G-D	Short	G-D	See 25 Page.	
TR102 D	Open	D	See 25 Page.	
TR102 S	Open	S	See 25 Page.	
TR102 G	Open	G	See 25 Page.	
TR102 D-S	Short	D-S	See 25 Page.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
TR102 S-G	Short	S-G	See 25 Page.	
TR102 G-D	Short	G-D	See 25 Page.	
TR103	Open	D	Normal operation.	
		S	Normal operation.	
		G	Normal operation.	
	Short	D-S	Normal operation.	
		S-G	Normal operation.	
		G-D	Normal operation.	
TR104	Open	D	Normal operation.	
		S	Normal operation.	
		G	Normal operation.	
	Short	D-S	Normal operation.	
		S-G	Normal operation.	
		G-D	Normal operation.	
TR105	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	Normal operation.	
		E-B	Normal operation.	
		B-C	Normal operation.	
TR107	Open	C	Normal operation.	
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	R111 opened, no hazard.	AVR1:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
TR107	Short	E-B	Normal operation.	
		B-C	No Hazard.	AVR1:0
TR108	Open	C	R111 opened, no hazard.	AVR1:0
		E	Normal operation.	
		B	R111 opened, no hazard.	AVR1:0
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	
		B-C	R111 opened, no hazard.	AVR1:0
TR201	Open	D	See 25 Page.	
		S	See 25 Page.	
		G	See 25 Page.	
	Short	D-S	See 25 Page.	
		S-G	See 25 Page.	
		G-D	See 25 Page.	
TR202	Open	D	See 25 Page.	
		S	See 25 Page.	
		G	See 25 Page.	
	Short	D-S	See 25 Page.	
		S-G	See 25 Page.	
		G-D	See 25 Page.	
TR204	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	AVR1:0

F M E A

Component	Mode		Comment	Output Voltage (V)
TR204	Short	E-B	Normal operation.	
		B-C	No Hazard.	AVR1:0
TR205	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	
		B-C	No Hazard.	AVR1:0
TR206	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	F101 opened, no hazard.	AVR1:0
		E-B	Normal operation.	
		B-C	Normal operation.	
TR207	Open	C	F101 opened, no hazard.	AVR1:0
		E	F101 opened, no hazard.	AVR1:0
		B	F101 opened, no hazard.	AVR1:0
	Short	C-E	No Hazard.	AVR1:0
		E-B	F101 opened, no hazard.	AVR1:0
		B-C	No Hazard.	AVR1:0
VR601	Open	brush	Output voltage decreased. No hazard.	AVR1:decreased
			No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
ZD101	Open		Normal operation.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
ZD101	Short		Normal operation.	
ZD102	Open		Normal operation.	
	Short		Normal operation.	
ZD104	Open		Normal operation.	
	Short		Normal operation.	
ZD105	Open		Normal operation.	
	Short		Normal operation.	
ZD202	Open		Normal operation.	
	Short		Output voltage decreased. No hazard.	AVR1:decreased
ZD501	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
ZD502	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
ZD601	Open	Except 24	No Hazard.	AVR1:0
	Short	Except 24	Output voltage decreased. No hazard.	AVR1:decreased
R101	Open		Normal operation.	
R102	Open		Normal operation.	
R103	Open		Normal operation.	
R104	Open		Normal operation.	
R105	Open		Normal operation.	
R106	Open		Normal operation.	
R107	Open		Normal operation.	
R108	Open		Normal operation.	
R109	Open		Normal operation.	



F M E A

Component	Mode	Comment	Output Voltage (V)
R110	Open	Normal operation.	
R111	Open	Normal operation.	
R112	Open	Normal operation.	
R113	Open	Normal operation.	
R114	Open	Normal operation.	
R115	Open	Normal operation.	
R116	Open	Normal operation.	
R117	Open	Normal operation.	
R118	Open	No Hazard.	AVR1:0
R119	Open	No Hazard.	AVR1:0
R120	Open	No Hazard.	AVR1:0
R121	Open	No Hazard.	AVR1:0
R122	Open	No Hazard.	AVR1:0
R123	Open	Normal operation.	
R124	Open	Normal operation.	
R125	Open	Normal operation.	
R126	Open	Normal operation.	
R127	Open	Normal operation.	
R128	Open	Normal operation.	
R129	Open	Normal operation.	
R130	Open	Normal operation.	
R131	Open	Normal operation.	
R132	Open	Normal operation.	
R133	Open	Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage (V)
R134	Open	Normal operation.	
R135	Open	Normal operation.	
R136	Open	Normal operation.	
R137	Open	Normal operation.	
R138	Open	Normal operation.	
R139	Open	Normal operation.	
R140	Open	Normal operation.	
R141	Open	Normal operation.	
R142	Open	No Hazard.	AVR1:0
R143	Open	No Hazard.	AVR1:0
R145	Open	Normal operation.	
R146	Open	Normal operation.	
R148	Open	Normal operation.	
R149	Open	Normal operation.	
R150	Open	Normal operation.	
R151	Open	Normal operation.	
R152	Open	F101 opened, no hazard.	AVR1:0
R153	Open	F101 opened, no hazard.	AVR1:0
R154	Open	F101 opened, no hazard.	AVR1:0
R155	Open	F101 opened, no hazard.	AVR1:0
R156	Open	No Hazard.	AVR1:0
R157	Open	No Hazard.	AVR1:0
R158	Open	No Hazard.	AVR1:0
R159	Open	No Hazard.	AVR1:0

## F M E A

Component	Mode	Comment	Output Voltage (V)
R160	Open	No Hazard.	AVR1:0
R161	Open	No Hazard.	AVR1:0
R162	Open	No Hazard.	AVR1:0
R165	Open	Normal operation.	
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.	
R201	Open	Normal operation.	
R202	Open	Normal operation.	
R203	Open	Normal operation.	
R204	Open	Normal operation.	
R205	Open	Normal operation.	
R206	Open	Normal operation.	
R207	Open	Normal operation.	
R208	Open	Normal operation.	
R211	Open	Normal operation.	
R212	Open	Normal operation.	
R213	Open	Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage (V)
R215	Open	Normal operation.	
R216	Open	No Hazard.	AVR1:0
R217	Open	No Hazard.	AVR1:0
R220	Open	No Hazard.	AVR1:0
R221	Open	Normal operation.	
R222	Open	Normal operation.	
R224	Open	Normal operation.	
R225	Open	Normal operation.	
R226	Open	Normal operation.	
R227	Open	Normal operation.	
R229	Open	F101 opened, no hazard.	AVR1:0
R230	Open	F101 opened, no hazard.	AVR1:0
R231	Open	F101 opened, no hazard.	AVR1:0
R232	Open	F101 opened, no hazard.	AVR1:0
R233	Open	Normal operation.	
R234	Open	Normal operation.	
R235	Open	Normal operation.	
R236	Open	Output voltage decreased. No hazard.	AVR1:decreased
R237	Open	Output voltage decreased. No hazard.	AVR1:decreased
R238	Open	Output voltage decreased. No hazard.	AVR1:decreased
R239	Open	Output voltage decreased. No hazard.	AVR1:decreased
R253	Open	Normal operation.	
R254	Open	Normal operation.	
R255	Open	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
R260	Open	Only 24, 30	Normal operation.	
R261	Open	Only 24, 30	Normal operation.	
R262	Open	Only 24, 30	Normal operation.	
R263	Open	Only 24, 30	Normal operation.	
R264	Open	Only 24, 30	Normal operation.	
R265	Open	Only 24, 30	Normal operation.	
R266	Open	Only 24, 30	Normal operation.	
R267	Open	Only 24, 30	Normal operation.	
R281	Open		Normal operation.	
R291	Open		Output voltage decreased. No hazard.	AVR1:decreased
R501	Open		Normal operation.	
R502	Open		Normal operation.	
R503	Open		Normal operation.	
R504	Open		Normal operation.	
R505	Open		Normal operation.	
R506	Open		Normal operation.	
R507	Open	only 24, 30	Normal operation.	
R508	Open	only 24, 30	Normal operation.	
R511	Open		Normal operation.	
R512	Open		Normal operation.	
R513	Open		Normal operation.	
R514	Open		Normal operation.	
R515	Open		Normal operation.	
R516	Open		Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage (V)
R517	Open	Normal operation.	
R518	Open	Normal operation.	
R519	Open	Normal operation.	
R520	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.	
R534	Open	Normal operation.	
R536	Open	Normal operation.	
R538	Open	Normal operation.	
R540	Open	Normal operation.	
R542	Open	Normal operation.	
R543	Open	Normal operation.	
R544	Open	Normal operation.	
R545	Open	Normal operation.	
R546	Open	Normal operation.	
R551	Open	Normal operation.	
R552	Open	Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage (V)
R553	Open	Normal operation.	
R554	Open	Normal operation.	
R555	Open	Normal operation.	
R556	Open	Normal operation.	
R557	Open	Normal operation.	
R558	Open	Normal operation.	
R559	Open	Normal operation.	
R560	Open	Normal operation.	
R561	Open	Normal operation.	
R562	Open	Normal operation.	
R563	Open	Normal operation.	
R564	Open	Normal operation.	
R565	Open	Normal operation.	
R566	Open	Normal operation.	
R567	Open	Normal operation.	
R568	Open	Normal operation.	
R569	Open	Normal operation.	
R570	Open	Normal operation.	
R571	Open	Normal operation.	
R572	Open	Normal operation.	
R573	Open	Normal operation.	
R574	Open	Normal operation.	
R575	Open	Normal operation.	
R576	Open	Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage (V)
R577	Open	Normal operation.	
R578	Open	Normal operation.	
R579	Open	Normal operation.	
R580	Open	Normal operation.	
R581	Open	Normal operation.	
R582	Open	Normal operation.	
R583	Open	Normal operation.	
R601	Open	Output voltage decreased. No hazard.	AVR1:decreased
R602	Open	Output voltage decreased. No hazard.	AVR1:decreased
R603	Open	Normal operation.	
R604	Open	Output voltage decreased. No hazard.	AVR1:decreased
R605	Open	No Hazard.	AVR1:0
R606	Open	No Hazard.	AVR1:0
R607	Open	Output voltage decreased. No hazard.	AVR1:decreased



## ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR101	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	F101 opened, no hazard.	AVR1:0
	Short	D-S	F101 opened, no hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	F101 opened, no hazard.	AVR1:0
TR102	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	F101 opened, no hazard.	AVR1:0
	Short	D-S	F101 opened, no hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	F101 opened, no hazard.	AVR1:0
TR201	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	F101 opened, no hazard.	AVR1:0
	Short	D-S	F101 opened, no hazard.	AVR1:0
		S-G	F101 opened, no hazard.	AVR1:0
		G-D	F101 opened, no hazard.	AVR1:0
TR202	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	F101 opened, no hazard.	AVR1:0
	Short	D-S	F101 opened, no hazard.	AVR1:0
		S-G	F101 opened, no hazard.	AVR1:0
		G-D	F101 opened, no hazard.	AVR1:0