COSEL

ABNORMAL TEST RESULT

OF MODEL PDA75F

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 : 2/22 ～ 21/22)
(Abnormal Test Result: 22/22 ～ 22/22)

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.

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
C101	Open	Normal operation.	AVR1:*
	Short	F101 opened,No hazard.	AVR1:0
C102	Open	Normal operation.	AVR1:*
	Short	F101 opened,No hazard.	AVR1:0
C105	Open	See page 22.	
	Short	F101 opened,No hazard.	AVR1:0
C110	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C111	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C112	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C113	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C114	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C115	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C116	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C117	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C120	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
C121	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C122	Open	See page 22.	
	Short	F101 opened,No hazard.	AVR1:0
C125	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C126	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C128	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C130	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C131	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C132	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C201	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C202	Open	See page 22.	
	Short	No hazarad.	AVR1:0
C205	Open	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C206	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0

F M E A

Component	Mode	Comment	Output Voltage (V)
C207	Open	Normal operation.	AVR1:*
	Short	F101 opened,No hazard.	AVR1:0
C208	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C209 (Only -24)	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C210	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
C211	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C222	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C223	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C230	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C251	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C252	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C253	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C255 (Only -15,-5)	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
C501	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C502	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C503	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C504	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C505	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C525	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C528	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C530	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C531	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C539 (Except:-24)	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C541 (Only -5)	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C603	Open	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	Output voltage decreased. No hazarad.	AVR1:decreased

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
C605	Open	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
C606	Open	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	No hazarad.	AVR1:*
C607	Open	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	No hazarad.	AVR1:*
C608	Open	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	No hazarad.	AVR1:*
C610 (Only -12,-15)	Open	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
D101	Open	Normal operation.	AVR1:*
	Short	F101 opened,No hazard.	AVR1:0
D102	Open	Normal operation.	AVR1:*
	Short	F101 opened,No hazard.	AVR1:0
D104	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D105	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D106	Open	Normal operation.	AVR1:*
	Short	F101 opened,No hazard.	AVR1:0
D107	Open	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	Normal operation.	AVR1:*
D108	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0

F M E A

Component	Mode	Comment	Output Voltage (V)
D109	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D110	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
D111	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
D112	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D114	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:0
D201	Open	See page 22.	
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
D202	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
D203	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D204	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D206	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D207	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D230	Open	No hazarad.	AVR1:0
	Short	Normal operation.	AVR1:*

COSEL

F M E A

Component	Mode		Comment	Output Voltage (V)
D501 (Only -24)	Open		Normal operation.	
	Short		Output voltage decreased. No hazarad.	AVR1:decreased
D502 (Only -24)	Open		Normal operation.	
	Short		Output voltage decreased. No hazarad.	AVR1:decreased
D542 (Only -5)	Open		Output voltage decreased. No hazarad.	AVR1:decreased
	Short		Normal operation.	AVR1:*
IC101	Open	1	Normal operation.	AVR1:*
		2	No hazarad.	AVR1:0
		3	Normal operation.	AVR1:*
		4	No hazarad.	AVR1:0
		5	No hazarad.	AVR1:0
		6	No hazarad.	AVR1:0
		7	No hazarad.	AVR1:0
		8	No hazarad.	AVR1:0
	Short	1-2	Output voltage decreased. No hazarad.	AVR1:decreased
		2-3	Output voltage decreased. No hazarad.	AVR1:decreased
		3-4	Output voltage decreased. No hazarad.	AVR1:decreased
		5-6	No hazarad.	AVR1:0
		6-7	F101 opened,No hazard.	AVR1:0
		7-8	No hazarad.	AVR1:0
IC201	Open	1	Output voltage decreased. No hazarad.	AVR1:decreased
		2	No hazarad.	AVR1:0
		3	F101 opened,No hazard.	AVR1:0
		4	No hazarad.	AVR1:0

COSEL

F M E A

Component	Mode		Comment	Output Voltage (V)
IC201	Open	5	No hazarad.	AVR1:0
		6	No hazarad.	AVR1:0
		7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:0
	Short	1-2	No hazarad.	AVR1:0
		2-3	No hazarad.	AVR1:0
		3-4	F101 opened,No hazard.	AVR1:0
		5-6	F101 opened,No hazard.	AVR1:0
		6-7	Normal operation.	AVR1:*
		7-8	Normal operation.	AVR1:*
IC501 (Except:-24)	Open	1	Output voltage decreased. No hazarad.	AVR1:decreased
		2	Output voltage decreased. No hazarad.	AVR1:decreased
		3	Output voltage decreased. No hazarad.	AVR1:decreased
		4	See page 22.	
		5	See page 22.	
		6	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	1-2	Output voltage decreased. No hazarad.	AVR1:decreased
		2-3	Output voltage decreased. No hazarad.	AVR1:decreased
		4-5	See page 22.	
		5-6	See page 22.	
IC601	Open	1	No hazarad.	AVR1:0
		2	No hazarad.	AVR1:0
		3	No hazarad.	AVR1:0
	Short	1-2	No hazarad.	AVR1:*

COSEL

F M E A

Component	Mode		Comment	Output Voltage (V)
IC601	Short	2-3	No hazarad.	AVR1:0
J501	Open		No hazarad.	AVR1:0
L101	Open	1	No hazarad.	AVR1:0
		2	No hazarad.	AVR1:0
		3	No hazarad.	AVR1:0
		4	No hazarad.	AVR1:0
	Short	1-2	F101 opened,No hazard.	AVR1:0
		2-3	Normal operation.	AVR1:*
		3-4	F101 opened,No hazard.	AVR1:0
L102	Open	1	No hazarad.	AVR1:0
		2	No hazarad.	AVR1:0
		3	No hazarad.	AVR1:0
		4	No hazarad.	AVR1:0
	Short	1-2	F101 opened,No hazard.	AVR1:0
		2-3	Normal operation.	AVR1:*
		3-4	F101 opened,No hazard.	AVR1:0
L104	Open	1	No hazarad.	AVR1:*
		4	No hazarad.	AVR1:0
		6	Output voltage decreased. No hazarad.	AVR1:decreased
		7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:*
	Short	6-7	F101 opened,No hazard.	AVR1:0
		7-8	F101 opened,No hazard.	AVR1:0
L105	Open		Normal operation.	AVR1:0

COSEL

F M E A

Component	Mode		Comment	Output Voltage (V)
L105	Short		Normal operation.	AVR1:0
L501	Open		No hazarad.	AVR1:0
	Short		No hazarad.	AVR1:*
PC201	Open	A,K	No hazarad.	AVR1:0
		C,E	No hazarad.	AVR1:0
	Short	A-K	No hazarad.	AVR1:0
		C-E	No hazarad.	AVR1:0
PC202	Open	A,K	Normal operation.	AVR1:*
		C,E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	No hazarad.	AVR1:0
R101	Open		Normal operation.	AVR1:*
R102	Open		Normal operation.	AVR1:*
R103	Open		Normal operation.	AVR1:*
R104	Open		Normal operation.	AVR1:*
R105	Open		Normal operation.	AVR1:*
R106	Open		Normal operation.	AVR1:*
R107	Open		Normal operation.	AVR1:*
R108	Open		Normal operation.	AVR1:*
R109	Open		Normal operation.	AVR1:*
R110	Open		Normal operation.	AVR1:*
R111	Open		Normal operation.	AVR1:*
R112	Open		Normal operation.	AVR1:*
R115	Open		F101 opened,No hazard.	AVR1:0

F M E A

Component	Mode	Comment	Output Voltage (V)
R116	Open	Normal operation.	AVR1:*
R117	Open	Normal operation.	AVR1:*
R118	Open	Normal operation.	AVR1:*
R122	Open	No hazarad.	AVR1:0
R123	Open	No hazarad.	AVR1:0
R124	Open	No hazarad.	AVR1:0
R125	Open	Normal operation.	AVR1:*
R126	Open	F101 opened,No hazard.	AVR1:0
R127	Open	Normal operation.	AVR1:*
R128	Open	Normal operation.	AVR1:*
R129	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R130	Open	Normal operation.	AVR1:*
R131	Open	Normal operation.	AVR1:*
R132	Open	Normal operation.	AVR1:*
R133	Open	No hazarad.	AVR1:0
R134	Open	Normal operation.	AVR1:*
R135	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R136	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R137	Open	No hazarad.	AVR1:decreased
R138	Open	Normal operation.	AVR1:*
R141	Open	No hazarad.	AVR1:0
R142	Open	No hazarad.	AVR1:0
R143	Open	See page 22.	
R144	Open	No hazarad.	AVR1:0

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
R145	Open	Normal operation.	AVR1:*
R146	Open	No hazarad.	AVR1:0
R147	Open	F101 opened,No hazard.	AVR1:0
R148	Open	F101 opened,No hazard.	AVR1:0
R149	Open	Normal operation.	AVR1:*
R150	Open	Normal operation.	AVR1:*
R151	Open	Normal operation.	AVR1:*
R153	Open	Normal operation.	AVR1:*
R201	Open	Normal operation.	AVR1:*
R203	Open	Normal operation.	AVR1:*
R204	Open	Normal operation.	AVR1:*
R205	Open	No hazarad.	AVR1:0
R206	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R207	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R208	Open	Normal operation.	AVR1:*
R213	Open	F101 opened,No hazard.	AVR1:0
R214	Open	No hazarad.	AVR1:0
R215	Open	Normal operation.	AVR1:*
R216	Open	F101 opened,No hazard.	AVR1:0
R218	Open	Normal operation.	AVR1:*
R220	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R221	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R224	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R225	Open	Normal operation.	AVR1:*

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
R226	Open	Normal operation.	AVR1:*
R227	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R228	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R229	Open	No hazarad.	AVR1:0
R230	Open	Normal operation.	AVR1:*
R231	Open	Normal operation.	AVR1:*
R233	Open	Normal operation.	AVR1:0
R242	Open	Normal operation.	AVR1:*
R243	Open	Normal operation.	AVR1:*
R251	Open	Normal operation.	AVR1:*
R252	Open	Normal operation.	AVR1:*
R253	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R254	Open	Normal operation.	AVR1:*
R255	Open	Normal operation.	AVR1:*
R256	Open	Normal operation.	AVR1:*
R257	Open	Normal operation.	AVR1:*
R258	Open	Normal operation.	AVR1:*
R259	Open	Normal operation.	AVR1:*
R260	Open	Normal operation.	AVR1:*
R261	Open	Normal operation.	AVR1:*
R501	Open	Normal operation.	AVR1:*
R502	Open	Normal operation.	AVR1:*
R510	Open	Normal operation.	AVR1:*
R520	Open	Normal operation.	AVR1:*

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
R521 (Only -12,-5)	Open	Normal operation.	AVR1:*
R522	Open	Normal operation.	AVR1:*
R531 (Except:-24)	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R532 (Except:-24)	Open	No hazarad.	AVR1:0
R533 (Except:-24)	Open	Normal operation.	AVR1:*
R534 (Except:-24)	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R536 (Only -12,-15)	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R537 (Except:-24)	Open	Normal operation.	AVR1:*
R540 (Only -5)	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R541 (Only -5)	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R542 (Only -5)	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R543 (Only -5)	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R544 (Only -5)	Open	Normal operation.	AVR1:*
R545 (Only -5)	Open	Normal operation.	AVR1:*
R601	Open	No hazarad.	AVR1:0
R602 (Only -24)	Open	No hazarad.	AVR1:0
R604	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R606	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R607	Open	No hazarad.	AVR1:0
R608	Open	No hazarad.	AVR1:*
R609	Open	No hazarad.	AVR1:*
R610	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R615 (Only -12,-15)	Open	Output voltage decreased. No hazarad.	AVR1:decreased
R619	Open	No hazarad.	AVR1:0

COSEL

F M E A

Component	Mode		Comment	Output Voltage (V)
R697	Open		Output voltage decreased. No hazarad.	AVR1:decreased
SS101	Open		No hazarad.	AVR1:0
	Short		F101 opened,No hazard.	AVR1:0
T201	Open	1	Output voltage decreased. No hazarad.	AVR1:decreased
		2	Output voltage decreased. No hazarad.	AVR1:decreased
		4	No hazarad.	AVR1:0
		6	No hazarad.	AVR1:0
		7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:*
		9	Normal operation.	AVR1:*
		10	Normal operation.	AVR1:*
	Short	1-2	Output voltage decreased. No hazarad.	AVR1:decreased
		2-3	F101 opened,No hazard.	AVR1:0
		3-4	F101 opened,No hazard.	AVR1:*
		8-9	Output voltage decreased. No hazarad.	AVR1:decreased
TH101	Open		No hazarad.	AVR1:0
	Short		Normal operation.	AVR1:*
TR101	Open	D	Output voltage decreased. No hazarad.	AVR1:0
		S	Output voltage decreased. No hazarad.	AVR1:0
		G	F101 opened,No hazard.	AVR1:*
	Short	D-S	See page 22.	
		S-G	No hazarad.	AVR1:0
		G-D	See page 22.	
TR102	Open	D	Normal operation.	AVR1:*

COSEL

F M E A

Component	Mode		Comment	Output Voltage (V)
TR102	Open	S	Normal operation.	AVR1:*
		G	F101 opened,No hazard.	AVR1:0
	Short	D-S	F101 opened,No hazard.	AVR1:0
		S-G	No hazarad.	AVR1:0
		G-D	No hazarad.	AVR1:0
TR103	Open	1(1)	Normal operation.	AVR1:*
		1(2)	Normal operation.	AVR1:*
		2(3)	Normal operation.	AVR1:*
		2(4)	Normal operation.	AVR1:*
		2(5)	Normal operation.	AVR1:*
		1(6)	Normal operation.	AVR1:*
	Short	1-1(1-2)	Normal operation.	AVR1:*
		1-2(2-3)	Normal operation.	AVR1:*
		2-2(3-4)	Normal operation.	AVR1:*
		2-2(4-5)	Normal operation.	AVR1:*
		2-1(5-6)	Normal operation.	AVR1:*
TR201	Open	D	No hazarad.	AVR1:0
		S	No hazarad.	AVR1:0
		G	F101 opened,No hazard.	AVR1:0
	Short	D-S	See page 22.	
		S-G	F101 opened,No hazard.	AVR1:0
		G-D	See page 22.	
TR203	Open	C	Output voltage decreased. No hazarad.	AVR1:decreased
		E	Output voltage decreased. No hazarad.	AVR1:decreased

COSEL

F M E A

Component	Mode		Comment	Output Voltage (V)
TR203	Open	B	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	C-E	Normal operation.	AVR1:*
		E-B	Output voltage decreased. No hazarad.	AVR1:decreased
TR204	Open	E(1)	Normal operation.	AVR1:*
		B(2)	Normal operation.	AVR1:*
		C(3)	Normal operation.	AVR1:*
		E(4)	Normal operation.	AVR1:*
		B(5)	Normal operation.	AVR1:*
		C(6)	Normal operation.	AVR1:*
	Short	E-B(1-2)	Normal operation.	AVR1:*
		C-E(3-4)	Normal operation.	AVR1:*
		E-B(4-5)	Normal operation.	AVR1:*
		B-C(5-6)	No hazarad.	AVR1:0
TR205	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	No hazarad.	AVR1:0
	Short	D-S	No hazarad.	AVR1:0
		S-G	Normal operation.	AVR1:*
		G-D	No hazarad.	AVR1:0
TR206	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No hazarad.	AVR1:0
		E-B	No hazarad.	AVR1:0

COSEL

F M E A

Component	Mode		Comment	Output Voltage (V)
TR206	Short	B-C	Normal operation.	AVR1:*
TR251	Open	D	F101 opened,No hazard.	AVR1:0
		S	F101 opened,No hazard.	AVR1:0
		G	F101 opened,No hazard.	AVR1:0
	Short	D-S	Output voltage decreased. No hazarad.	AVR1:decreased
		S-G	Normal operation.	AVR1:*
		G-D	Output voltage decreased. No hazarad.	AVR1:decreased
TR501 (Except:-24)	Open	D	No hazarad.	AVR1:0
		S	No hazarad.	AVR1:0
		G	See page 22.	
	Short	D-S	Output voltage decreased. No hazarad.	AVR1:decreased
		S-G	Output voltage decreased. No hazarad.	AVR1:decreased
		G-D	Output voltage decreased. No hazarad.	AVR1:decreased
TR502 (Only -5)	Open	D	No hazarad.	AVR1:0
		S	No hazarad.	AVR1:0
		G	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	D-S	Output voltage decreased. No hazarad.	AVR1:decreased
		S-G	Output voltage decreased. No hazarad.	AVR1:decreased
		G-D	Output voltage decreased. No hazarad.	AVR1:decreased
TR540 (Only -5)	Open	C	Output voltage decreased. No hazarad.	AVR1:decreased
		E	Output voltage decreased. No hazarad.	AVR1:decreased
		B	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	C-E	Normal operation.	AVR1:*
		E-B	Output voltage decreased. No hazarad.	AVR1:decreased

COSEL

F M E A

Component	Mode		Comment	Output Voltage (V)
TR540 (Only -5)	Short	B-C	Output voltage decreased. No hazarad.	AVR1:decreased
TR541 (Only -5)	Open	C	Output voltage decreased. No hazarad.	AVR1:decreased
		E	Output voltage decreased. No hazarad.	AVR1:decreased
		B	Output voltage decreased. No hazarad.	AVR1:decreased
	Short	C-E	Normal operation.	AVR1:*
		E-B	Output voltage decreased. No hazarad.	AVR1:decreased
		B-C	Output voltage decreased. No hazarad.	AVR1:decreased
TR542 (Only -5)	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	Output voltage decreased. No hazarad.	AVR1:decreased
		E-B	Normal operation.	AVR1:*
		B-C	Output voltage decreased. No hazarad.	AVR1:decreased
VR601	Open	brush	No hazarad.	AVR1:decreased
			No hazarad.	AVR1:0
	Short		Output voltage decreased. No hazarad.	AVR1:decreased
ZD101	Open		F101 opened,No hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
ZD102	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
ZD103	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
ZD201	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:decreased

F M E A

Component	Mode	Comment	Output Voltage (V)
ZD202	Open	Output voltage decreased. No hazarad.	AVR1:0
	Short	Normal operation.	AVR1:*
ZD251	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
ZD501 (Only -5)	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazarad.	AVR1:decreased
ZD520 (Only -15,-24)	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0
ZD521	Open	Normal operation.	AVR1:*
	Short	No hazarad.	AVR1:0

COSEL

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C105	Open		Normal operation	AVR1:*
C122	Open		No hazard	AVR1:*
C202	Open		Output voltage decreased. No hazard	AVR1:decreased
IC501	Open	4	No hazard	AVR1:*
		5	Normal operation	AVR1:*
	Short	4-5	Normal operation	AVR1:*
		5-6	Normal operation	AVR1:*
R143	Open		No hazard	AVR1:0
TR101	Short	D-S	F101 opened,No hazard.	AVR1:0
		G-D	F101 opened,No hazard.	AVR1:0
TR201	Short	D-S	F101 opened,No hazard.	AVR1:0
		G-D	F101 opened,No hazard.	AVR1:0
TR501	Open	G	Output voltage decreased. No hazard	AVR1:decreased