

ABNORMAL TEST RESULT

OF MODEL SUS/SUCS10243R3
SUS/SUCS102405

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 : 2/16 ~ 14/16)

(Abnormal Test Result: 15/16 ~ 16/16)

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
C11	Open	Normal operation.	
	Short	See 15 Page.	
C21	Open	No Hazard.	Decreased.
	Short	No Hazard.	0[V]
C22	Open	See 15 Page.	
	Short	Normal operation.	
C23	Open	Normal operation.	
	Short	No Hazard.	Decreased.
C31	Open	Normal operation.	
	Short	No Hazard.	0[V]
C32	Open	Normal operation.	
	Short	No Hazard.	0[V]
C33	Open	No Hazard.	Decreased.
	Short	No Hazard.	0[V]
C34	Open	Normal operation.	
	Short	Normal operation.	
C42	Open	Normal operation.	
	Short	Normal operation.	
C43	Open	No Hazard.	Decreased.
	Short	No Hazard.	Decreased.
C44	Open	Normal operation.	
	Short	No Hazard.	Decreased.
C51	Open	Normal operation.	
	Short	See 15 Page.	

F M E A

Component	Mode	Comment	Output Voltage
C52	Open	Normal operation.	
	Short	See 15 Page.	
C53	Open	Normal operation.	
	Short	See 15 Page.	
C54	Open	See 15 Page.	
	Short	No Hazard.	Decreased.
C55	Open	See 15 Page.	
	Short	See 15 Page.	
C56	Open	See 15 Page.	
	Short	No Hazard.	Decreased.
C57	Open	See 15 Page.	
	Short	No Hazard.	Decreased.
C58	Open	Normal operation.	
	Short	No Hazard.	0[V]
C60	Open	Normal operation.	
	Short	Normal operation.	
C71	Open	Normal operation.	
	Short	No Hazard.	Increased.
C73	Open	Normal operation.	
	Short	No Hazard.	Decreased.
C81	Open	Normal operation.	
	Short	Normal operation.	
C82	Open	Normal operation.	
	Short	No Hazard.	0[V]

F M E A

Component	Mode	Comment	Output Voltage
D12	Open	Normal operation.	
	Short	Normal operation.	
D31	Open	Normal operation.	
	Short	Normal operation.	
D32	Open	No Hazard.	0[V]
	Short	No Hazard.	0[V]
D41	Open	No Hazard.	Decreased.
	Short	No Hazard.	Decreased.
D52	Open	Normal operation.	
	Short	No Hazard.	Decreased.
D53	Open	See 15 Page.	
	Short	See 15 Page.	
D54	Open	See 15 Page.	
	Short	See 15 Page.	
D55	Open	Normal operation.	
	Short	Normal operation.	
D56	Open	Normal operation.	
	Short	Normal operation.	
D57	Open	Normal operation.	
	Short	Normal operation.	
D59	Open	See 15 Page.	
	Short	See 15 Page.	
F11	Open	No Hazard.	0[V]
	Short	Normal operation.	



F M E A

Component	Mode	Comment	Output Voltage	
IC11	Open	1	No Hazard.	0[V]
		2	Normal operation.	
		3	See 15 Page.	
		4	No Hazard.	0[V]
		5	No Hazard.	0[V]
		6	No Hazard.	0[V]
		7	No Hazard.	0[V]
		8	No Hazard.	0[V]
	Short	1-2	No Hazard.	0[V]
		2-3	F11 opened, No Hazard.	0[V]
		3-4	No Hazard.	0[V]
		5-6	No Hazard.	0[V]
		6-7	No Hazard.	0[V]
		7-8	No Hazard.	0[V]
IC51	Open	K	No Hazard.	Increased.
		A	No Hazard.	Increased.
		R	No Hazard.	Increased.
	Short	A-K	No Hazard.	Decreased.
		K-R	No Hazard.	Decreased.
		R-A	No Hazard.	Increased.
L11	Open	No Hazard.	0[V]	
	Short	Normal operation.		
L51	Open	No Hazard.	0[V]	
	Short	Normal operation.		



F M E A

Component	Mode		Comment	Output Voltage
PC11	Open	A, K	No Hazard.	Increased.
		C, E	No Hazard.	Increased.
	Short	A-K	No Hazard.	Increased.
		C-E	Normal operation.	
T11	Open	1	Normal operation.	
		2	Normal operation.	
		3	Normal operation.	
		4	No Hazard.	0[V]
		5	No Hazard.	0[V]
		6	No Hazard.	0[V]
		7	No Hazard.	0[V]
		8	Normal operation.	
		9	See 15 Page.	
		10	See 15 Page.	
	Short	1-2	No Hazard.	0[V]
		2-3	F11 opened, No Hazard.	0[V]
		3-4	Normal operation.	
		4-5	F11 opened, No Hazard.	0[V]
		5-6	No Hazard.	0[V]
		6-7	No Hazard.	0[V]
		7-8	Normal operation.	
		8-9	No Hazard.	0[V]
		9-10	No Hazard.	0[V]
TR11	Open	C	No Hazard.	0[V]



F M E A

Component	Mode		Comment	Output Voltage
TR11	Open	E	No Hazard.	0[V]
		B	No Hazard.	0[V]
	Short	C-E	See 15 Page.	
		E-B	F11 opened, No Hazard.	0[V]
		B-C	See 15 Page.	
TR12	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	0[V]
		E-B	Normal operation.	
		B-C	Normal operation.	
TR14	Open	C	No Hazard.	0[V]
		E	No Hazard.	0[V]
		B	No Hazard.	0[V]
	Short	C-E	See 15 Page.	
		E-B	No Hazard.	0[V]
		B-C	No Hazard.	0[V]
TR21	Open	C	No Hazard.	Decreased.
		E	No Hazard.	Decreased.
		B	No Hazard.	Decreased.
	Short	C-E	Normal operation.	
		E-B	No Hazard.	Decreased.
		B-C	Normal operation.	
TR22	Open	C	Normal operation.	



F M E A

Component	Mode		Comment	Output Voltage
TR22	Open	E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	Decreased.
		E-B	No Hazard.	0[V]
		B-C	No Hazard.	0[V]
TR31	Open	D	No Hazard.	0[V]
		S	No Hazard.	0[V]
		G	No Hazard.	0[V]
	Short	D-S	See 15 Page.	
		S-G	No Hazard.	0[V]
		G-D	See 15 Page.	
TR32	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	Normal operation.	
		E-B	Normal operation.	
		B-C	Normal operation.	
TR33	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	0[V]
		E-B	Normal operation.	
		B-C	No Hazard.	0[V]
TR34	Open	C	Normal operation.	



F M E A

Component	Mode		Comment	Output Voltage
TR34	Open	E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	0[V]
		E-B	Normal operation.	
		B-C	No Hazard.	0[V]
TR41	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	Decreased.
		E-B	Normal operation.	
		B-C	Normal operation.	
TR51	Open	D	See 16 Page.	
		S	See 16 Page.	
		G	See 16 Page.	
	Short	D-S	No Hazard.	0[V]
		S-G	No Hazard.	0[V]
		G-D	No Hazard.	Decreased.
TR52	Open	C	Normal operation.	
		E	No Hazard.	Decreased.
		B	No Hazard.	Decreased.
	Short	C-E	See 16 Page.	
		E-B	Normal operation.	
		B-C	See 16 Page.	
TR53	Open	C	Normal operation.	



F M E A

Component	Mode		Comment	Output Voltage
TR53	Open	E	Normal operation.	
		B	Normal operation.	
	Short	C-E	See 16 Page.	
		E-B	Normal operation.	
		B-C	Normal operation.	
	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	See 16 Page.	
		E-B	Normal operation.	
		B-C	Normal operation.	
	TR54	Open	C	Normal operation.
E			Normal operation.	
B			Normal operation.	
Short		C-E	See 16 Page.	
		E-B	Normal operation.	
		B-C	See 16 Page.	
TR55	Open	C	See 16 Page.	
		E	See 16 Page.	
		B	See 16 Page.	
	Short	C-E	Normal operation.	
		E-B	See 16 Page.	
		B-C	See 16 Page.	
ZD11	Open	No Hazard.	0[V]	

F M E A

Component	Mode	Comment	Output Voltage
ZD11	Short	Normal operation.	
ZD12	Open	Normal operation.	
	Short	Normal operation.	
ZD13	Open	Normal operation.	
	Short	No Hazard.	0[V]
ZD14	Open	Normal operation.	
	Short	No Hazard.	Decreased.
ZD51	Open	Normal operation.	
	Short	Normal operation.	
ZD52	Open	See 16 Page.	
	Short	See 16 Page.	
R10	Open	No Hazard.	0[V]
R11	Open	Normal operation.	
R12	Open	Normal operation.	
R13	Open	No Hazard.	0[V]
R14	Open	No Hazard.	0[V]
R15	Open	Normal operation.	
R16	Open	Normal operation.	
R17	Open	Normal operation.	
R20	Open	No Hazard.	0[V]
R22	Open	No Hazard.	0[V]
R23	Open	Normal operation.	
R24	Open	Normal operation.	
R25	Open	No Hazard.	0[V]

F M E A

Component	Mode	Comment	Output Voltage
R26	Open	No Hazard.	0[V]
R27	Open	No Hazard.	0[V]
R28	Open	No Hazard.	0[V]
R29	Open	Normal operation.	
R30	Open	Normal operation.	
R31	Open	No Hazard.	0[V]
R32	Open	Normal operation.	
R33	Open	No Hazard.	0[V]
R34	Open	Normal operation.	
R35	Open	No Hazard.	Decreased.
R36	Open	Normal operation.	
R37	Open	Normal operation.	
R38	Open	Normal operation.	
R39	Open	Normal operation.	
R41	Open	Normal operation.	
R42	Open	Normal operation.	
R43	Open	Normal operation.	
R44	Open	Normal operation.	
R45	Open	No Hazard.	Decreased.
R46	Open	Normal operation.	
R47	Open	No Hazard.	Decreased.
R48	Open	No Hazard.	Decreased.
R49	Open	No Hazard.	Decreased.
R50	Open	No Hazard.	Decreased.

F M E A

Component	Mode	Comment	Output Voltage
R51	Open	See 16 Page.	
R52	Open	See 16 Page.	
R53	Open	No Hazard.	Decreased.
R54	Open	No Hazard.	Decreased.
R55	Open	Normal operation.	
R56	Open	See 16 Page.	
R57	Open	Normal operation.	
R58	Open	Normal operation.	
R59	Open	See 16 Page.	
R60	Open	See 16 Page.	
R61	Open	Normal operation.	
R62	Open	See 16 Page.	
R63	Open	See 16 Page.	
R64	Open	See 16 Page.	
R65	Open	Normal operation.	
R66	Open	Normal operation.	
R67	Open	Normal operation.	
R68	Open	Normal operation.	
R69	Open	Normal operation.	
R70	Open	Normal operation.	
R71	Open	No Hazard.	Increased.
R72	Open	No Hazard.	Increased.
R73	Open	Normal operation.	
R74	Open	Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage
R76	Open	No Hazard.	Increased.
R77	Open	Normal operation.	
R78	Open	No Hazard.	Decreased.
R79	Open	No Hazard.	Decreased.
R81	Open	Normal operation.	
R83	Open	Normal operation.	
R85	Open	Normal operation.	
R86	Open	Normal operation.	



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
C11	Short		F11 opened, No Hazard.	0[V]
C22	Open		F11 opened, No Hazard.	0[V]
C51	Short		No Hazard.	Decreased.
C52	Short		No Hazard.	Decreased.
C53	Short		No Hazard.	Decreased.
C54	Open		No Hazard.	
C55	Open		No Hazard.	
	Short		No Hazard.	
C56	Open		No Hazard.	
C57	Open		No Hazard.	
D53	Open		No Hazard.	
	Short		No Hazard.	
D54	Open		No Hazard.	
	Short		No Hazard.	
D59	Open		No Hazard.	
	Short		No Hazard.	
IC11	Open	3	F11 opened, No Hazard.	0[V]
T11	Open	9	No Hazard.	
		10	No Hazard.	
TR11	Short	C-E	No Hazard.	Increased.
		B-C	No Hazard.	Increased.
TR14	Short	C-E	No Hazard.	Decreased.
TR31	Short	D-S	F11 opened, No Hazard.	0[V]
		G-D	F11 opened, No Hazard.	0[V]



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
TR51	Open	D	No Hazard.	
		S	No Hazard.	
		G	No Hazard.	
TR52	Short	C-E	No Hazard.	
		B-C	No Hazard.	
TR53	Short	C-E	No Hazard.	
TR54	Short	C-E	No Hazard.	
		B-C	No Hazard.	
TR55	Open	C	No Hazard.	
		E	No Hazard.	
		B	No Hazard.	
	Short	E-B	No Hazard.	
		B-C	No Hazard.	
ZD52	Open		No Hazard.	
	Short		No Hazard.	
R51	Open		No Hazard.	
R52	Open		No Hazard.	
R56	Open		No Hazard.	
R59	Open		No Hazard.	
R60	Open		No Hazard.	
R62	Open		No Hazard.	
R63	Open		No Hazard.	
R64	Open		No Hazard.	