

## ABNORMAL TEST RESULT

OF MODEL SUS1R512/SUCS1R512

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/ 8 ~ 6/ 8)

( Abnormal Test Result: 7/ 8 ~ 8/ 8)

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)
C10	Open		Normal operation.	
	Short		F11 opened, No Hazard.	0[V]
C11	Open		Normal operation.	
	Short		F11 opened, No Hazard.	0[V]
C20	Open		Normal operation.	
	Short		Normal operation.	
C21	Open		No Hazard.	Decreased
	Short		F11 opened, No Hazard.	0[V]
C22	Open		See 7 Page.	
	Short		Normal operation.	
C50	Open		Normal operation.	
	Short		No Hazard.	0[V]
C51	Open		Normal operation.	
	Short		See 7 Page.	
C60	Open		Normal operation.	
	Short		See 7 Page.	
C61	Open		Normal operation.	
	Short		Normal operation.	
C62	Open	Except 12 15	Normal operation.	
	Short	Except 12 15	Normal operation.	
D21	Open		See 7 Page.	
	Short		See 7 Page.	
D22	Open		Normal operation.	
	Short		No Hazard.	0[V]

## F M E A

Component	Mode		Comment	Output Voltage (V)
D51	Open		See 7 Page.	
	Short		F11 opened, No Hazard.	0[V]
IC61	Open	K	See 7 Page.	
		A	See 7 Page.	
		R	See 7 Page.	
	Short	A-K	No Hazard.	Decreased
		K-R	No Hazard.	Decreased
		R-A	See 7 Page.	
L11	Open		No Hazard.	0[V]
	Short		Normal operation.	
L51	Open		See 7 Page.	
	Short		Normal operation.	
PC11	Open	A, K	See 7 Page.	
		C, E	See 7 Page.	
	Short	A-K	See 7 Page.	
		C-E	No Hazard.	Decreased
T11	Open	1-2	F11 opened, No Hazard.	0[V]
		3-4	Normal operation.	
		5-6	Normal operation.	
		7-8	No Hazard.	0[V]
	Short	1-2	F11 opened, No Hazard.	0[V]
		3-4	F11 opened, No Hazard.	0[V]
		5-6	F11 opened, No Hazard.	0[V]
		7-8	F11 opened, No Hazard.	0[V]

## F M E A

Component	Mode		Comment	Output Voltage (V)
TR11	Open	D	See 7 Page.	
		S	See 7 Page.	
		G	See 7 Page.	
	Short	D-S	See 7 Page.	
		S-G	See 7 Page.	
		G-D	See 7 Page.	
TR12	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	Normal operation.	
		E-B	Normal operation.	
		B-C	Normal operation.	
TR21	Open	C	F11 opened, No Hazard.	0[V]
		E	F11 opened, No Hazard.	0[V]
		B	F11 opened, No Hazard.	0[V]
	Short	C-E	No Hazard.	0[V]
		E-B	F11 opened, No Hazard.	0[V]
		B-C	No Hazard.	0[V]
ZD11	Open		Normal operation.	
	Short		Normal operation.	
ZD21	Open		No Hazard.	Decreased
	Short		No Hazard.	Decreased
ZD22	Open		Normal operation.	
	Short		Normal operation.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
ZD61	Open	Except 3R3 05	See 7 Page.	
	Short	Except 3R3 05	Normal operation.	
R10	Open		Normal operation.	
R11	Open		Normal operation.	
R12	Open		Normal operation.	
R13	Open		Normal operation.	
R14	Open		Normal operation.	
R15	Open		Normal operation.	
R16	Open		Normal operation.	
R20	Open		Normal operation.	
R21	Open		Normal operation.	
R22	Open		No Hazard.	Decreased
R23	Open		See 7 Page.	
R24	Open		See 7 Page.	
R25	Open		Normal operation.	
R26	Open		Normal operation.	
R27	Open		Normal operation.	
R50	Open		Normal operation.	
R60	Open	Except 12 15	See 7 Page.	
R61	Open		See 8 Page.	
R63	Open		Normal operation.	
R64	Open		Normal operation.	
R65	Open		See 8 Page.	
R66	Open		No Hazard.	Decreased



F M E A

Component	Mode		Comment	Output Voltage (V)
R67	Open		Normal operation.	
R68	Open		Normal operation.	
R69	Open	Except 12 15	Normal operation.	
R70	Open		Normal operation.	

## ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C22	Open		No Hazard.	Increased
C51	Short		No Hazard.	Decreased
C60	Short		No Hazard.	Increased
D21	Open		No Hazard.	Increased
	Short		No Hazard.	Increased
D51	Open		F11 opened, No Hazard. (Only 05 15) No Hazard.	0[V]
IC61	Open	K	F11 opened, No Hazard. (Only 05) No Hazard.	0[V] (Only 05) Increased
		A	F11 opened, No Hazard. (Only 05) No Hazard.	0[V] (Only 05) Increased
		R	F11 opened, No Hazard. (Only 05) No Hazard.	0[V] (Only 05) Increased
	Short	R-A	F11 opened, No Hazard. (Only 05) No Hazard.	0[V] (Only 05) Increased
L51	Open		F11 opened, No Hazard. (Only 05 15) No Hazard.	0[V]
PC11	Open	A, K	No Hazard.	Increased
		C, E	No Hazard.	Increased
	Short	A-K	No Hazard.	Increased
TR11	Open	D	No Hazard.	0[V]
		S	No Hazard.	0[V]
		G	No Hazard.	0[V]
	Short	D-S	F11 opened, No Hazard.	0[V]
		S-G	No Hazard.	0[V]
		G-D	F11 opened, No Hazard.	0[V]
ZD61	Open	Except 3R3 05	F11 opened, No Hazard. (Only 15) No Hazard.	0[V] (Only 15) Increased
R23	Open		No Hazard.	Increased
R24	Open		No Hazard.	Increased
R60	Open	Except 12 15	F11 opened, No Hazard. (Only 05) No Hazard.	0[V] (Only 05) Increased



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
R61	Open	F11 opened, No Hazard. (Only 05 15) No Hazard.	0[V] (Only 05 15) Increased
R65	Open	F11 opened, No Hazard. (Only 05 15) No Hazard.	0[V] (Only 05 15) Increased