

# Electro-Static Discharge classification

静電破壊試験結果

Product	Transistor	Grade	Automotive
Package	MPT3	JEDEC Code	SOT-89
Туре	2SAR542PFRAT100	Sample Size	30pcs

### 1. CHARGED DEVICE MODEL (CDM) / デバイス帯電モデル静電破壊試験

Table1 Charged device model ESD test results for each testing standards 各規格におけるデバイス帯電モデル静電破壊試験結果

STANDARD	TEST TYPE	CLASS
JEDEC JESD22-C101F	FI-CDM	C3
JEITA ED-4701/302	FI-CDM (Condition:A)	IV
AEC AEC-Q101-005 Rev-A	FI-CDM	C5

### 2. HUMAN BODY MODEL (HBM) / 人体モデル静電破壊試験

Table3 Human body model ESD test results for each testing standards 各規格における人体モデル静電破壊試験結果

STANDARD	TEST TYPE	CLASS
JEDEC JESD22-A114F	Human body model (Contact mode)	ЗА
JEITA ED-4701/302	Human body model (Contact mode)	2
AEC AEC-Q101-001 Rev-A	Human body model (Contact mode)	НЗА

#### 3. NOTICE / 注意事項

This product is electrostatic sensitive product, which may be damaged due to electrostatic discharge. Proper handling in the manufacturing process and storage conditions are required to prevent voltage exceeding the product maximum rating to be applied to the products. Electro-static protection are preferred; grounding human body and equipment, isolation from charged objects, ionizer, friction prevention, temperature and humidity control, etc..

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#### Notes

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