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Product	SiC discrete	Package	All of SiC discrete packages
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● Moisture Sensitivity Level

- 1.Conformed Standard : J-STD-020D LEVEL 1
- 2.Test Flow :
 - 2-1. Initial Test (Electrical characteristics・Visual)
 - 2-2. Baking (125°C, 24h)
 - 2-3. Moisture Soaking (85°C/85%RH, 168h)
 - 2-4. Re-flow (3cycles)
 - 2-5. After Tset (Electrical characteristics・Visual)
- 3.Re-flow Condition :
 - 3-1. Pre-Heating (150-200°C, 90-150 sec)
 - 3-2. Soldering (220°C, 60-120 sec)
 - 3-3. Peak Temperature (260°Cmax, 30 sec)
- 4.Result : Pn/n=0/11

SiC discrete products are conformed to the Level 1 of the above mentioned moisture sensitivity test (J-STD-020D).

The electrical characteristics and visual conditions before/after the test are also conformed to the failure criteria.

However, to be considered various results in each usage conditions, we kindly ask you to check the propriety of the usage in your side.

Notes

- 1) The information contained herein is subject to change without notice.
- 2) Before you use our Products, please contact our sales representative and verify the latest specifications :
- 3) Although ROHM is continuously working to improve product reliability and quality, semiconductors can break down and malfunction due to various factors.
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- 7) The Products specified in this document are not designed to be radiation tolerant.
- 8) For use of our Products in applications requiring a high degree of reliability (as exemplified below), please contact and consult with a ROHM representative : transportation equipment (i.e. cars, ships, trains), primary communication equipment, traffic lights, fire/crime prevention, safety equipment, medical systems, servers, solar cells, and power transmission systems.
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