



List of Component

No. PN000286 Rev.A

Date 2020/08/23

Item	Diode
Part No.	RSX301LAM30TR
Product mass	45.973 mg

Company Name	ROHM Co., Ltd.
Address	21,Saiin Mizosaki-cho, Ukyo-ku, Kyoto 615-8585, Japan

No.	Part Name	Substance Name	CAS No.	Mass (mg)	Concentration (wt%)	Remark
1	Mold compound	Silica	60676-86-0	14.018400	74.25000	
2		Epoxy resin I	-	1.774719	9.40000	
3		Epoxy resin II	-	0.556958	2.95000	
4		Metal hydroxide	21645-51-2	2.473278	13.10000	
5		CarbonBlack	1333-86-4	0.056639	0.30000	
6	Lead frame	Copper	7440-50-8	24.403052	97.62000	
7		Iron	7439-89-6	0.549957	2.20000	
8		Zinc	7440-66-6	0.037496	0.15000	
9		Phosphorus	7723-14-0	0.007498	0.03000	
10	External plating	Tin	7440-31-5	0.610002	100.00000	
11	Die	Silicon	7440-21-3	0.622957	71.44000	
12		Silver	7440-22-4	0.249045	28.56000	
13	Die attach (In)	Lead	7439-92-1	0.573155	93.50000	RoHS exemption :7(a)
14		Tin	7440-31-5	0.030650	5.00000	
15		Silver	7440-22-4	0.009194	1.50000	

Remarks

<ul style="list-style-type: none"> · All information in this document is furnished for exploratory or indicative purposes only. · This information provides estimates of the average weights and content of component materials. And does not include impurities or metals diffused in the silicon. · The contained volume/mass is a calculated value. For this reason, there are cases when the total volume/mass may differ from the product volume/mass. · ROHM strives for the accuracy of the information, however, ROHM does not give any representations or warranties as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information. · ROHM may make changes to information published in this document at any time and without notice.
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