



List of Component

No. PN000244 Rev.A

Date 2020/08/23

Item	Diode
Part No.	SMF16VTR
Product mass	10 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	4.573800	74.25000	
2		Epoxy resin I	-	0.579040	9.40000	
3		Epoxy resin II	-	0.181720	2.95000	
4		Metal hydroxide	21645-51-2	0.806960	13.10000	
5		CarbonBlack	1333-86-4	0.018480	0.30000	
6	Lead frame	Copper	7440-50-8	2.801682	99.28000	
7		Tin	7440-31-5	0.007055	0.25000	
8		Chromium	7440-47-3	0.007055	0.25000	
9		Zinc	7440-66-6	0.006208	0.22000	
10	External plating	Tin	7440-31-5	0.084000	100.00000	
11	Die	Silicon	7440-21-3	0.494981	81.68000	
12		Silver	7440-22-4	0.111019	18.32000	
13	Die attach (In)	Lead	7439-92-1	0.306680	93.50000	RoHS exemption :7(a)
14		Tin	7440-31-5	0.016400	5.00000	
15		Silver	7440-22-4	0.004920	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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