



List of Component

No. PN000244 Rev.A

Date 2020/08/23

Item	Diode
Part No.	SMF18VTR
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

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- 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.
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