



List of Component

No. PN001507 Rev.A

Date 2021/04/23

Item	Diode
Part No.	RB531XNTR
Product mass	6.8 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	External plating	Copper	7440-50-8	0.003300	1.97605	
2		Tin	7440-31-5	0.163700	98.02395	
3	Mold compound	Silica	60676-86-0	2.211300	70.00000	
4		Epoxy resin	-	0.505400	15.99873	
5		Hardener	-	0.284300	8.99968	
6		Brominated epoxy resin	-	0.094800	3.00095	
7		Antimony trioxide	1309-64-4	0.047400	1.50047	
8		CarbonBlack	1333-86-4	0.015800	0.50017	
9	Bonding wire	Gold	7440-57-5	0.019001	100.00000	
10	Leadframe surface treatment	Copper	7440-50-8	0.393300	100.00000	
11	Lead frame	Iron	7439-89-6	1.710800	57.99912	
12		Nickel	7440-02-0	1.238900	42.00088	
13	Die	Silicon	7440-21-3	0.101600	90.71429	
14		Gold	7440-57-5	0.010399	9.28571	

Remarks

- 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.
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