



List of Component

No. PN001530 Rev.A

Date 2021/04/23

Item	Diode
Part No.	RB557WTL
Product mass	2.4 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	0.000399	0.57061	
2		Silver	7440-22-4	0.002097	2.99572	
3		Tin	7440-31-5	0.067501	96.43367	
4	Leadframe surface treatment	Copper	7440-50-8	0.117095	100.00000	
5	Bonding wire	Gold	7440-57-5	0.012999	100.00000	
6	Die	Silicon	7440-21-3	0.028099	90.64516	
7		Gold	7440-57-5	0.002900	9.35484	
8	Lead frame	Iron	7439-89-6	0.509237	58.00205	
9		Nickel	7440-02-0	0.368727	41.99795	
10	Mold compound	Silica	60676-86-0	0.903593	69.99458	
11		Epoxy resin	-	0.206575	16.00186	
12		Hardener	-	0.116186	9.00008	
13		Brominated epoxy resin	-	0.038695	2.99744	
14		Antimony trioxide	1309-64-4	0.019398	1.50259	
15	CarbonBlack	1333-86-4	0.006499	0.50345		

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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