



List of Component

No. PN001559 Rev.A

Date 2021/04/23

Item	Diode
Part No.	RB521CS-30FHT2RA
Product mass	0.7 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	Leadframe surface treatment	Copper	7440-50-8	0.054100	100.00000	
2	Mold compound	Silica	60676-86-0	0.237300	70.00000	
3		Epoxy resin	29690-82-2	0.052500	15.48673	
4		Phenol -formaldehyde	9003-35-4	0.033900	10.00000	
5		Brominated Epoxy Resin	40039-93-8	0.006800	2.00590	
6		Antimony trioxide	1309-64-4	0.006800	2.00590	
7		CarbonBlack	1333-86-4	0.001700	0.50147	
8	External plating	Tin	7440-31-5	0.010800	98.18182	
9		Copper	7440-50-8	0.000200	1.81818	
10	Bonding wire	Gold	7440-57-5	0.003000	100.00000	
11	Die	Silicon	7440-21-3	0.017000	85.00000	
12		Gold	7440-57-5	0.003000	15.00000	
13	Lead frame	Iron	7439-89-6	0.158300	58.00660	
14		Nickel	7440-02-0	0.114600	41.99340	

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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