



List of Component

No. PN000203 Rev.A

Date 2020/08/23

Item	Diode
Part No.	RB218T-40NZC9
Product mass	1800.0001 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	Cyclotetrasiloxane, octamethyl-, reaction products with silica	68583-49-3	726.047320	76.24000	
2		Epoxy resin	29690-82-2	116.087586	12.19000	
3		Phenol -formaldehyde	9003-35-4	67.709884	7.11000	
4		Brominated Epoxy Resin	40039-93-8	19.332001	2.03000	
5		Antimony trioxide	1309-64-4	19.332001	2.03000	
6		Organic phosphorus compounds	-	2.952180	0.31000	
7		Bismuth compounds	-	0.857160	0.09000	
8	Lead frame	Copper	7440-50-8	816.016185	99.90000	
9		Iron	7439-89-6	0.816840	0.10000	
10	External plating	Tin	7440-31-5	15.602041	100.00000	
11	Die	Silicon	7440-21-3	3.484620	99.50000	
12		Silver	7440-22-4	0.017460	0.50000	
13	Die attach (In)	Tin	7440-31-5	9.913321	96.50000	
14		Antimony	7440-36-0	0.359640	3.50000	
15	Bonding wire	Aluminum	7429-90-5	1.471861	100.00000	

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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