



List of Component

No. PN000237 Rev.A

Date 2020/08/23

Item	Diode
Part No.	RFV12TG6SGC9
Product mass	2100 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	14808-60-7	463.068480	73.68000	
2		Epoxy resin	29690-82-2	77.178150	12.28000	
3		Phenol -formaldehyde	9003-35-4	55.118280	8.77000	
4		Metal hydroxide	-	27.590430	4.39000	
5		CarbonBlack	1333-86-4	5.530770	0.88000	
6	Lead frame	Copper	7440-50-8	1,439.139240	99.90000	
7		Iron	7439-89-6	1.440600	0.10000	
8	External plating	Tin	7440-31-5	15.005970	100.00000	
9	Die	Silicon	7440-21-3	3.484530	99.50000	
10		Silver	7440-22-4	0.017430	0.50000	
11	Die attach (In)	Tin	7440-31-5	10.570560	96.50000	
12		Antimony	7440-36-0	0.383460	3.50000	
13	Bonding wire	Aluminum	7429-90-5	1.472100	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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