



# List of Component

No. PN000097 Rev.A

Date 2021/04/23

Item	Diode
Part No.	RB520CM-30T2R
Product mass	0.6668 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	Silver	7440-22-4	0.047300	100.00000	
2	External plating	Tin	7440-31-5	0.004600	100.00000	
3	Lead frame	Copper	7440-50-8	0.217324	99.28000	
4		Tin	7440-31-5	0.000547	0.25000	
5		Chromium	7440-47-3	0.000547	0.25000	
6		Zinc	7440-66-6	0.000482	0.22000	
7	Capacitor element	Silicon	7440-21-3	0.017030	85.15000	
8		Gold	7440-57-5	0.002970	14.85000	
9	Bonding Wire	Gold	7440-57-5	0.003000	100.00000	
10	Mold compound	Silica	60676-86-0	0.274118	73.49000	
11		Epoxy resin	29690-82-2	0.039128	10.49000	
12		Epoxy resin	85954-11-6	0.018650	5.00000	
13		Phenol -formaldehyde	-	0.039128	10.49000	
14		Aluminum hydroxide	21645-51-2	0.000112	0.03000	
15		CarbonBlack	1333-86-4	0.001864	0.50000	

## 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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