



# List of Component

No. PN001444 Rev.A

Date 2021/07/20

Item	Diode
Part No.	RN731VTE-17
Product mass	3.4 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	Bonding wire	Gold	7440-57-5	0.009000	100.00000	
2	External plating	Tin	7440-31-5	0.028903	96.34551	
3		Silver	7440-22-4	0.000897	2.99003	
4		Copper	7440-50-8	0.000199	0.66446	
5	Lead frame	Iron	7439-89-6	0.353800	58.00000	
6		Nickel	7440-02-0	0.256200	42.00000	
7	Leadframe surface treatment	Copper	7440-50-8	0.089000	100.00000	
8	Die	Silicon	7440-21-3	0.048000	87.27273	
9		Gold	7440-57-5	0.007000	12.72727	
10	Mold compound	Silica	60676-86-0	1.824900	70.00000	
11		Epoxy resin	-	0.365000	14.00077	
12		Hardener	-	0.260700	10.00000	
13		Brominated epoxy resin	-	0.104300	4.00077	
14		Antimony trioxide	1309-64-4	0.039100	1.49981	
15	CarbonBlack	1333-86-4	0.013001	0.49865		

## 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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