



# List of Component

No. PN000045 Rev.A

Date 2021/04/21

Item	Diode
Part No.	RN142VMTE-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	Molding	Silica	60676-86-0	1.942300	73.49402	
2		Epoxy resin	-	0.277400	10.49644	
3		Phenol resin	-	0.132100	4.99849	
4		Aluminum hydroxide	21645-51-2	0.277500	10.50023	
5		Organic phosphorus compounds	-	0.000400	0.01513	
6		CarbonBlack	1333-86-4	0.013100	0.49569	
7	Lead frame	Iron	7439-89-6	0.353800	58.00000	
8		Nickel	7440-02-0	0.256200	42.00000	
9	Leadframe surface treatment	Copper	7440-50-8	0.089000	100.00000	
10	External plating	Tin	7440-31-5	0.030000	100.00000	
11	Die	Silicon	7440-21-3	0.019000	90.47619	
12		Gold	7440-57-5	0.002000	9.52381	
13	Bonding wire	Gold	7440-57-5	0.007200	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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