



List of Component

No. PN000087 Rev.A

Date 2021/04/23

Item	Diode
Part No.	YDZVFHTR27
Product mass	5.44 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	Capacitor element	Silicon	7440-21-3	0.171002	97.16000	
2		Silver	7440-22-4	0.004998	2.84000	
3	Lead frame	Copper	7440-50-8	2.774123	99.90000	
4		Iron	7439-89-6	0.002777	0.10000	
5	Bonding Wire	Gold	7440-57-5	0.033001	100.00000	
6	Die attach	Silver	7440-22-4	0.059329	85.86000	
7		Epoxy resin	-	0.008009	11.59000	
8		Phenol resin	-	0.001762	2.55000	
9	External plating	Tin	7440-31-5	0.150500	100.00000	
10	Leadframe surface treatment	Silver	7440-22-4	0.071800	100.00000	
11	Mold compound	Silica	60676-86-0	1.535429	70.99593	
12		Epoxy resin	29690-82-2	0.216290	10.00092	
13		Epoxy resin	85954-11-6	0.043298	2.00203	
14		Phenol -formaldehyde	-	0.129794	6.00148	
15		Aluminum hydroxide	21645-51-2	0.227090	10.50028	
16		CarbonBlack	1333-86-4	0.010798	0.49936	

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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