



List of Component

No. PN000089 Rev.A

Date 2021/04/23

Item	Diode
Part No.	ESD18VHYFHT116
Product mass	8.0131 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	0.011400	100.00000	
2	External plating	Tin	7440-31-5	0.177000	100.00000	
3	Leadframe surface treatment	Copper	7440-50-8	0.351200	100.00000	
4	Mold compound	Silica	60676-86-0	3.421652	71.91215	
5		Epoxy resin	29690-82-2	0.460817	9.68490	
6		Epoxy resin	85954-11-6	0.092203	1.93780	
7		Phenol -formaldehyde	-	0.276510	5.81135	
8		Aluminum hydroxide	21645-51-2	0.483868	10.16935	
9		CarbonBlack	1333-86-4	0.023050	0.48445	
10	Lead frame	Iron	7439-89-6	1.527604	58.00000	
11		Nickel	7440-02-0	1.106196	42.00000	
12	Capacitor element	Silicon	7440-21-3	0.076802	94.12000	
13		Gold	7440-57-5	0.004798	5.88000	

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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