



List of Component

No. PN000241 Rev.A

Date 2021/08/20

Item	Diode
Part No.	RF505BM6SFHTL
Product mass	320.6672 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	Mold compound	Silica	60676-86-0	124.811018	87.15000	
2		Epoxy resin	-	10.741036	7.50000	
3		Phenol resin	-	7.160691	5.00000	
4		CarbonBlack	1333-86-4	0.501235	0.35000	
5	Lead frame	Copper	7440-50-8	159.262668	99.88000	
6		Tin	7440-31-5	0.191342	0.12000	
7	Leadframe surface treatment	Nickel	7440-02-0	0.197403	100.00000	
8	External plating	Tin	7440-31-5	5.629088	100.00000	
9	Die	Silicon	7440-21-3	1.363252	97.82978	
10		Silver	7440-22-4	0.023537	1.69017	
11		Nickel	7440-02-0	0.005996	0.43004	
12		Titanium	7440-32-6	0.000705	0.05001	
13	Die attach (In)	Lead	7439-92-1	7.262791	95.50000	RoHS exemption :7(a)
14		Silver	7440-22-4	0.190124	2.50000	
15		Tin	7440-31-5	0.152092	2.00000	
16	Bonding wire	Aluminum	7429-90-5	3.174222	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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