



List of Component

No. PN000028 Rev.A

Date 2021/04/19

Item	Transistor
Part No.	BSS138BWAHZGT106
Product mass	5.4 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	Mold compound	Silica	60676-86-0	2.302129	70.99639	
2		Epoxy resin	29690-82-2	0.324290	10.00093	
3		Epoxy resin	85954-11-6	0.064898	2.00142	
4		Phenol novolac	-	0.194594	6.00117	
5		Aluminum hydroxide	21645-51-2	0.340489	10.50051	
6		CarbonBlack	1333-86-4	0.016199	0.49958	
7	Lead frame	Iron	7439-89-6	0.990500	57.99859	
8		Nickel	7440-02-0	0.717300	42.00141	
9	Leadframe surface treatment	Copper	7440-50-8	0.281000	100.00000	
10	External plating	Tin	7440-31-5	0.107500	100.00000	
11	Bonding wire	Gold	7440-57-5	0.008700	100.00000	
12	Die	Silicon	7440-21-3	0.049300	94.08397	
13		Gold	7440-57-5	0.003101	5.91603	

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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