



List of Component

No. PN001516 Rev.A

Date 2021/04/19

Item	Transistor
Part No.	2SB1689T106
Product mass	4.86 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	2.178530	69.99743	
2		Epoxy resin	-	0.497984	16.00051	
3		Hardener	-	0.280091	8.99949	
4		Brominated epoxy resin	-	0.093397	3.00090	
5		Antimony trioxide	1309-64-4	0.046698	1.50045	
6		CarbonBlack	1333-86-4	0.015600	0.50122	
7	Lead frame	Iron	7439-89-6	0.800900	57.99841	
8		Nickel	7440-02-0	0.580000	42.00159	
9	Leadframe surface treatment	Copper	7440-50-8	0.184200	100.00000	
10	External plating	Tin	7440-31-5	0.088200	96.49891	
11		Silver	7440-22-4	0.002700	2.95405	
12		Copper	7440-50-8	0.000500	0.54704	
13	Die	Silicon	7440-21-3	0.077000	94.13203	
14		Gold	7440-57-5	0.004800	5.86797	
15	Bonding wire	Gold	7440-57-5	0.009400	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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