



List of Component

No. PN001460 Rev.A

Date 2021/04/19

Item	Transistor
Part No.	2SD2142KT146
Product mass	11.21 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	Leadframe surface treatment	Copper	7440-50-8	0.415800	100.00000	
2	Mold compound	Silica	60676-86-0	5.140601	70.00014	
3		Epoxy resin	-	1.028099	13.99975	
4		Hardener	-	0.734400	10.00041	
5		Brominated epoxy resin	-	0.293700	3.99935	
6		Antimony trioxide	1309-64-4	0.110200	1.50061	
7		CarbonBlack	1333-86-4	0.036699	0.49974	
8	External plating	Tin	7440-31-5	0.225000	96.48370	
9		Silver	7440-22-4	0.007000	3.00172	
10		Copper	7440-50-8	0.001199	0.51458	
11	Die	Silicon	7440-21-3	0.077000	94.36275	
12		Gold	7440-57-5	0.004599	5.63725	
13	Bonding wire	Gold	7440-57-5	0.018100	100.00000	
14	Lead frame	Iron	7439-89-6	1.808200	57.99974	
15		Nickel	7440-02-0	1.309403	42.00026	

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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