



List of Component

No. PN000239 Rev.A

Date 2020/08/23

Item	Transistor
Part No.	RCX300N20
Product mass	1870.666 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	14808-60-7	807.316778	76.24000	
2		Epoxy resin	29690-82-2	129.081753	12.19000	
3		Phenol -formaldehyde	9003-35-4	75.288882	7.11000	
4		Brominated Epoxy Resin	40039-93-8	21.496010	2.03000	
5		Antimony trioxide	1309-64-4	21.496010	2.03000	
6		Organic phosphorus compounds	-	3.282645	0.31000	
7		Bismuth compounds	-	0.953104	0.09000	
8	Lead frame	Copper	7440-50-8	777.686551	99.90000	
9		Iron	7439-89-6	0.778384	0.10000	
10	External plating	Tin	7440-31-5	8.131972	96.50000	
11		Silver	7440-22-4	0.252727	3.00000	
12		Copper	7440-50-8	0.042090	0.50000	
13	Die	Silicon	7440-21-3	16.896042	98.45015	
14		Nickel	7440-02-0	0.144228	0.83992	
15		Silver	7440-22-4	0.085864	0.49995	
16		Gold	7440-57-5	0.036104	0.20998	
17	Die attach (In)	Tin	7440-31-5	5.741822	96.50000	
18		Antimony	7440-36-0	0.208205	3.50000	
19	Bonding wire	Aluminum	7429-90-5	1.746829	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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