



List of Component

No. PN000220 Rev.A

Date 2020/08/23

Item	Transistor
Part No.	RQ6A045APTCR
Product mass	13.934 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	4.140923	74.25000	
2		Epoxy resin I	-	0.524237	9.40000	
3		Epoxy resin II	-	0.164522	2.95000	
4		Metal hydroxide	21645-51-2	0.730587	13.10000	
5		CarbonBlack	1333-86-4	0.016731	0.30000	
6	Lead frame	Copper	7440-50-8	7.393697	99.90000	
7		Iron	7439-89-6	0.007402	0.10000	
8	Leadframe surface treatment	Tin	7440-31-5	0.121900	100.00000	
9	External plating	Tin	7440-31-5	0.234700	100.00000	
10	Die	Silicon	7440-21-3	0.471808	97.28000	
11		Nickel	7440-02-0	0.007081	1.46000	
12		Silver	7440-22-4	0.004123	0.85000	
13		Gold	7440-57-5	0.001988	0.41000	
14	Die attach (In)	Silver	7440-22-4	0.049197	85.86000	
15		Epoxy resin	-	0.006641	11.59000	
16		Phenol resin	-	0.001462	2.55000	
17	Bonding wire	Copper	7440-50-8	0.057001	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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