



List of Component

No. PN000229 Rev.A

Date 2020/08/23

Item	Transistor
Part No.	RF4C050APTR
Product mass	7.0602 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	3.288214	93.70000	
2		Epoxy resin	-	0.105279	3.00000	
3		Phenol-formaldehyde resin	-	0.105279	3.00000	
4		CarbonBlack	1333-86-4	0.010528	0.30000	
5	Lead frame	Copper	7440-50-8	2.762069	99.28000	
6		Tin	7440-31-5	0.006955	0.25000	
7		Chromium	7440-47-3	0.006955	0.25000	
8		Zinc	7440-66-6	0.006120	0.22000	
9	Leadframe surface treatment	Nickel	7440-02-0	0.086900	100.00000	
10	Leadframe surface treatment	Palladium	7440/05/03	0.008000	100.00000	
11	Leadframe surface treatment	Gold	7440-57-5	0.001200	100.00000	
12	External plating	Tin	7440-31-5	0.118100	100.00000	
13	Die	Silicon	7440-21-3	0.370999	97.58000	
14		Nickel	7440-02-0	0.004905	1.29000	
15		Silver	7440-22-4	0.003003	0.79000	
16		Gold	7440-57-5	0.001293	0.34000	
17	Die attach (In)	Silver	7440-22-4	0.044399	85.88000	
18		Epoxy resin	-	0.006003	11.61000	
19		Phenol resin	-	0.001298	2.51000	
20	Bonding wire	Copper	7440-50-8	0.122701	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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