List of Component

No. PN000251_Rev.A

Item	Transistor
Part No.	RS1E170GNTB
Product mass	96.2 mg

ROHM

	Date	2020/08/23
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	30.979209	87.15000	
2		Epoxy resin	-	2.666029	7.50000	
3		Phenol-formaldehyde resin	-	1.777353	5.00000	
4		CarbonBlack	1333-86-4	0.124415	0.35000	
5	Lead frame	Copper	7440-50-8	45.383524	97.65000	
6		Iron	7439-89-6	1.092178	2.35000	
7	Leadframe surface treatment	Silver	7440-22-4	0.016999	100.00000	
8	External plating	Tin	7440-31-5	1.188503	100.00000	
9	Die	Silicon	7440-21-3	3.635831	97.58000	
10		Nickel	7440-02-0	0.048062	1.29000	
11		Silver	7440-22-4	0.029812	0.80000	
12		Gold	7440-57-5	0.012294	0.33000	
13	Die attach(In)	Lead	7439-92-1	6.961946	95.50000	RoHS exemption :7(a)
14		Tin	7440-31-5	0.145801	2.00000	
15		Silver	7440-22-4	0.182251	2.50000	
16	Bonding wire	Gold	7440-57-5	0.011804	100.00000	
17	Bonding wire	Aluminum	7429-90-5	1.943989	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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