



List of Component

No. PN001266 Rev.A

Date 2020/09/08

Item	Discrete
Part No.	RGS50TSX2HRC11
Product mass	6419.4257 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	1,696.642658	87.15000	
2		CarbonBlack	1333-86-4	6.813578	0.35000	
3		Epoxy resin	-	146.010479	7.50000	
4		Phenol -formal dehyde	-	97.340320	5.00000	
5	Leadframe surface treatment	Nickel	7440-02-0	0.808206	100.00000	
6	Lead frame	Copper	7440-50-8	4,413.570861	99.87000	
7		Iron	7439-89-6	4.419133	0.10000	
8		Phosphorus	7723-14-0	1.325611	0.03000	
9	External plating	Tin	7440-31-5	5.726128	100.00000	
10	Die	Silicon	7440-21-3	4.991103	98.42000	
11		Nickel	7440-02-0	0.054565	1.08000	
12		Gold	7440-57-5	0.010913	0.22000	
13		Titanium	7440-32-6	0.014123	0.28000	
14	Die attach (In)	Lead	7439-92-1	25.147458	88.00000	RoHS exemption :7(a)
15		Tin	7440-31-5	2.857928	10.00000	
16		Silver	7440-22-4	0.571329	2.00000	
17	Bonding wire	Aluminum	7429-90-5	13.121307	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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