



List of Component

No. PN001254 Rev.A

Date 2020/09/07

Item	Discrete
Part No.	RGT50NS65DGTL
Product mass	1512.513 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	418.157209	88.50000	
2		CarbonBlack	1333-86-4	1.464718	0.31000	
3		Epoxy resin	-	28.822145	6.10000	
4		Phenol -formal dehyde	-	24.050015	5.09000	
5	Leadframe surface treatment	Nickel	7440-02-0	0.547832	100.00000	
6	Lead frame	Copper	7440-50-8	1,013.451924	99.90000	
7		Iron	7439-89-6	1.014442	0.10000	
8	External plating	Tin	7440-31-5	6.485504	100.00000	
9	Die	Silicon	7440-21-3	4.952875	94.95000	
10		Nickel	7440-02-0	0.051577	0.99000	
11		Silver	7440-22-4	0.058988	1.13000	
12		Gold	7440-57-5	0.009983	0.19000	
13		Titanium	7440-32-6	0.012554	0.24000	
14		Aluminum	7429-90-5	0.130379	2.50000	
15	Die attach (In)	Lead	7439-92-1	10.177700	92.50000	RoHS exemption :7(a)
16		Tin	7440-31-5	0.550101	5.00000	
17		Silver	7440-22-4	0.275126	2.50000	
18	Bonding wire	Aluminum	7429-90-5	2.299928	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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