



List of Component

No. PN000554 Rev.A

Date 2020/09/07

Item	Discrete
Part No.	RGT16TM65DGC9
Product mass	2102.311 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	Cyclotetrasiloxane,octamethyl-,reaction products with silica	68583-49-3	640.519922	73.68000	
2		CarbonBlack	1333-86-4	7.567689	0.88000	
3		Epoxy resin	-	106.788359	12.28000	
4		Phenol -formal dehyde	-	76.307372	8.77000	
5		Metal hydroxide	-	38.048676	4.39000	
6	Lead frame	Copper	7440-50-8	1,198.634298	99.90000	
7		Iron	7439-89-6	1.199789	0.10000	
8	Leadframe surface treatment	Nickel	7440-02-0	0.547442	100.00000	
9	External plating	Tin	7440-31-5	15.006086	100.00000	
10	Die	Silicon	7440-21-3	4.952834	94.95000	
11		Nickel	7440-02-0	0.051717	0.99000	
12		Silver	7440-22-4	0.058865	1.13000	
13		Gold	7440-57-5	0.009881	0.19000	
14		Titanium	7440-32-6	0.012614	0.24000	
15		Aluminum	7429-90-5	0.130343	2.50000	
16	Die attach (In)	Lead	7439-92-1	10.177918	92.50000	RoHS exemption :7(a)
17		Tin	7440-31-5	0.550175	5.00000	
18		Silver	7440-22-4	0.274982	2.50000	
19	Bonding wire	Aluminum	7429-90-5	1.472038	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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