



List of Component

No. PN001265 Rev.A

Date 2020/09/08

Item	Discrete
Part No.	RGW50TK65GVC11
Product mass	5956.086 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	CarbonBlack	1333-86-4	9.910331	0.35000	
2		Phenol -formal dehyde	-	216.607958	7.65000	
3		Silica	60676-86-0	2,321.810379	82.00000	
4		Epoxy	-	283.147564	10.00000	
5	Lead frame	Copper	7440-50-8	3,066.153763	99.87000	
6		Iron	7439-89-6	3.070362	0.10000	
7		Phosphorus	7723-14-0	0.920811	0.03000	
8	Leadframe surface treatment	Nickel	7440-02-0	0.808241	100.00000	
9	External plating	Tin	7440-31-5	5.726181	100.00000	
10	Die	Silicon	7440-21-3	6.133577	98.42000	
11		Nickel	7440-02-0	0.067304	1.08000	
12		Gold	7440-57-5	0.013699	0.22000	
13		Titanium	7440-32-6	0.017273	0.28000	
14	Die attach (In)	Lead	7439-92-1	25.147786	88.00000	RoHS exemption :7(a)
15		Tin	7440-31-5	2.857730	10.00000	
16		Silver	7440-22-4	0.571784	2.00000	
17	Bonding wire	Aluminum	7429-90-5	13.121257	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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