



List of Component

No. PN001270 Rev.A

Date 2020/09/08

Item	Discrete
Part No.	RGTH40TK65DGC11
Product mass	5956.1515 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	9.910440	0.35000	
2		Phenol -formal dehyde	-	216.607957	7.65000	
3		Silica	60676-86-0	2,321.810301	82.00000	
4		Epoxy	-	283.147699	10.00000	
5	Lead frame	Copper	7440-50-8	3,066.154127	99.87000	
6		Iron	7439-89-6	3.070396	0.10000	
7		Phosphorus	7723-14-0	0.920821	0.03000	
8	Leadframe surface treatment	Nickel	7440-02-0	0.807654	100.00000	
9	External plating	Tin	7440-31-5	5.726244	100.00000	
10	Die	Silicon	7440-21-3	6.133645	97.39974	
11		Nickel	7440-02-0	0.067305	1.07011	
12		Gold	7440-57-5	0.013699	0.22002	
13		Titanium	7440-32-6	0.017273	0.27003	
14		Silver	7440-22-4	0.065518	1.04010	
15	Die attach (In)	Lead	7439-92-1	25.148063	88.00000	RoHS exemption :7(a)
16		Tin	7440-31-5	2.857761	10.00000	
17		Silver	7440-22-4	0.571791	2.00000	
18	Bonding wire	Aluminum	7429-90-5	13.120806	100.00000	

Remarks

<ul style="list-style-type: none"> · 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. · ROHM strives for the accuracy of the information, however, ROHM does not give any representations or warranties as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information. · ROHM may make changes to information published in this document at any time and without notice.
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