



List of Component

No. PN001295 Rev.A

Date 2020/09/08

Item	Discrete
Part No.	SCT3030ALHRC11
Product mass	6432.3932 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	60676-86-0	1,753.065789	87.15000	
2		CarbonBlack	1333-86-4	7.040254	0.35000	
3		Epoxy resin	-	150.865993	7.50000	
4		Phenol resin	-	100.577543	5.00000	
5	Leadframe surface treatment	Nickel	7440-02-0	6.137146	100.00000	
6	Lead frame	Copper	7440-50-8	4,266.345254	99.87000	
7		Iron	7439-89-6	4.271752	0.10000	
8		Phosphorus	7723-14-0	1.281333	0.03000	
9	External plating	Tin	7440-31-5	25.618936	100.00000	
10	Die	Silicon carbide	409-21-2	11.111959	98.66013	
11		Nickel	7440-02-0	0.013508	0.12000	
12		Silver	7440-22-4	0.074616	0.65993	
13		Gold	7440-57-5	0.019297	0.16998	
14		Titanium	7440-32-6	0.043740	0.38996	
15	Die attach	Lead	7439-92-1	14.593170	95.50000	RoHS exemption :7(a)
16		Tin	7440-31-5	0.305539	2.00000	
17		Silver	7440-22-4	0.382084	2.50000	
18	Bonding wire	Aluminum	7429-90-5	90.645287	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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