



List of Component

No. PN000287 Rev.A

Date 2020/08/23

Item	Transistor
Part No.	2SCR513P5T100
Product mass	54.9731 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	9.392627	37.50000	
2		Silica	14808-60-7	8.766450	35.00000	
3		Epoxy resin	29690-82-2	2.329370	9.30000	
4		Epoxy resin	85954-11-6	0.175331	0.70000	
5		Phenol -formal dehyde	9003-35-4	1.252348	5.00000	
6		Metal hydroxide	21645-51-2	2.880404	11.50000	
7		Organic phosphorus compounds	-	0.085159	0.34000	
8		CarbonBlack	1333-86-4	0.165310	0.66000	
9	Lead frame	Copper	7440-50-8	27.302258	97.70000	
10		Iron	7439-89-6	0.642734	2.30000	
11	Leadframe surface treatment	Silver	7440-22-4	0.240002	100.00000	
12	External plating	Tin	7440-31-5	0.764000	100.00000	
13	Die	Silicon	7440-21-3	0.632883	98.58000	
14		Nickel	7440-02-0	0.005074	0.79000	
15		Silver	7440-22-4	0.003018	0.47000	
16		Gold	7440-57-5	0.001028	0.16000	
17	Die attach (In)	Lead	7439-92-1	0.297960	95.50000	RoHS exemption :7(a)
18		Tin	7440-31-5	0.006239	2.00000	
19		Silver	7440-22-4	0.007801	2.50000	
20	Bonding wire	Copper	7440-50-8	0.023104	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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