



# List of Component

No. PN000287 Rev.A

Date 2020/08/23

Item	Transistor
Part No.	2SAR533P5T100
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 -formaldehyde	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

- 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.
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