



# List of Component

No. PN000219 Rev.A

Date 2020/08/23

Item	Transistor
Part No.	QS8M31TR
Product mass	18.5254 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	8.020844	88.50000	
2		Epoxy resin	-	0.552850	6.10000	
3		Phenol resin	-	0.461312	5.09000	
4		CarbonBlack	1333-86-4	0.028096	0.31000	
5	Lead frame	Copper	7440-50-8	8.061630	99.90000	
6		Iron	7439-89-6	0.008070	0.10000	
7	Leadframe surface treatment	Silver	7440-22-4	0.264800	100.00000	
8	External plating	Tin	7440-31-5	0.124559	98.00000	
9		Copper	7440-50-8	0.002542	2.00000	
10	Die	Silicon	7440-21-3	0.681109	97.58000	
11		Nickel	7440-02-0	0.009003	1.29000	
12		Silver	7440-22-4	0.005584	0.80000	
13		Gold	7440-57-5	0.002303	0.33000	
14	Die attach (In)	Silver	7440-22-4	0.024859	83.70000	
15		Epoxy resin	9003-36-5	0.004841	16.30000	
16	Bonding wire	Gold	7440-57-5	0.272998	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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