



# List of Component

No. PN000212 Rev.A

Date 2020/08/23

Item	Transistor
Part No.	QH8M22TCR
Product mass	18.379 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	6.729351	74.25000	
2		Epoxy resin I	-	0.851931	9.40000	
3		Epoxy resin II	-	0.267361	2.95000	
4		Metal hydroxide	21645-51-2	1.187267	13.10000	
5		CarbonBlack	1333-86-4	0.027190	0.30000	
6	Lead frame	Copper	7440-50-8	8.061630	99.90000	
7		Iron	7439-89-6	0.008070	0.10000	
8	Leadframe surface treatment	Silver	7440-22-4	0.264799	100.00000	
9	External plating	Tin	7440-31-5	0.127100	100.00000	
10	Die	Silicon	7440-21-3	0.681107	97.58000	
11		Nickel	7440-02-0	0.009004	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	0.025501	85.86000	
15		Epoxy resin	-	0.003442	11.59000	
16		Phenol resin	-	0.000757	2.55000	
17	Bonding wire	Copper	7440-50-8	0.126603	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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