List of Component

No. PN000240_Rev.A

Item	Transistor
Part No.	QSX8TR
Product mass	14 mg

ROHM

	Date	2020/08/23
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	4.620640	82.85171	
2		Epoxy resin	-	0.404292	7.24928	
3		Phenol resin	-	0.404292	7.24928	
4		Epoxy resin bromide	-	0.057995	1.03990	
5		Antimony trioxide	1309-64-4	0.028998	0.51995	
6		Organic phosphorus compounds	-	0.043497	0.77992	
7		Bismuth compounds	-	0.017286	0.30996	
8	Lead frame	Copper	7440-50-8	7.393701	99.90000	
9		Iron	7439-89-6	0.007400	0.10000	
10	Leadframe surface treatment	Silver	7440-22-4	0.121899	100.00000	
11	External plating	Tin	7440-31-5	0.226485	96.50000	
12		Silver	7440-22-4	0.007041	3.00000	
13		Copper	7440-50-8	0.001173	0.50000	
14	Die	Silicon	7440-21-3	0.471808	97.28000	
15		Nickel	7440-02-0	0.007081	1.46000	
16		Silver	7440-22-4	0.004123	0.85000	
17		Gold	7440-57-5	0.001988	0.41000	
18	Die attach (In)	Silver	7440-22-4	0.047961	83.70000	
19		Epoxy resin	9003-36-5	0.009339	16.30000	
20	Bonding wire	Gold	7440-57-5	0.123001	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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