



List of Component

No. PN000276 Rev.A

Date 2020/08/23

Item	Transistor
Part No.	HP8M31TB1
Product mass	93.6288 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	45.256829	91.55000	
2		Epoxy resin	-	4.078302	8.25000	
3		CarbonBlack	1333-86-4	0.098872	0.20000	
4	Lead frame	Copper	7440-50-8	40.154265	97.65000	
5		Iron	7439-89-6	0.966333	2.35000	
6	Leadframe surface treatment	Silver	7440-22-4	0.415403	100.00000	
7	External plating	Tin	7440-31-5	0.444999	100.00000	
8	Die	Silicon	7440-21-3	1.202091	97.58000	
9		Nickel	7440-02-0	0.015889	1.29000	
10		Silver	7440-22-4	0.009859	0.80000	
11		Gold	7440-57-5	0.004063	0.33000	
12	Die attach (In)	Silver	7440-22-4	0.317889	85.00000	
13		Epoxy resin	-	0.056102	15.00000	
14	Bonding wire	Copper	7440-50-8	0.607904	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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