



List of Component

No. PN001441 Rev.A

Date 2021/04/15

Item	Transistor
Part No.	EMG1T2R
Product mass	2.587 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	Die	Silicon	7440-21-3	0.064400	87.02703	
2		Gold	7440-57-5	0.009600	12.97297	
3	Bonding wire	Gold	7440-57-5	0.014300	100.00000	
4	External plating	Copper	7440-50-8	0.001000	2.02840	
5		Tin	7440-31-5	0.048300	97.97160	
6	Leadframe surface treatment	Copper	7440-50-8	0.139800	100.00000	
7	Mold compound	Silica	60676-86-0	0.977400	77.50377	
8		Epoxy resin	29690-82-2	0.100900	8.00095	
9		Biphenyl resin	85954-11-6	0.025200	1.99826	
10		Phenol -formaldehyde	9003-35-4	0.050400	3.99651	
11		Aluminum hydroxide	21645-51-2	0.100900	8.00095	
12		CarbonBlack	1333-86-4	0.006300	0.49956	
13	Lead frame	Iron	7439-89-6	0.608100	57.99714	
14		Nickel	7440-02-0	0.440400	42.00286	

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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