



# List of Component

No. PN001497 Rev.A

Date 2021/04/15

Item	Transistor
Part No.	EMA4T2R
Product mass	2.55 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	0.064000	86.48649	
2		Gold	7440-57-5	0.010000	13.51351	
3	Leadframe surface treatment	Copper	7440-50-8	0.139800	100.00000	
4	External plating	Tin	7440-31-5	0.048300	97.97160	
5		Copper	7440-50-8	0.001000	2.02840	
6	Bonding wire	Gold	7440-57-5	0.014300	100.00000	
7	Lead frame	Iron	7439-89-6	0.608000	58.00420	
8		Nickel	7440-02-0	0.440200	41.99580	
9	Mold compound	Silica	60676-86-0	0.857100	70.00163	
10		Antimony trioxide	1309-64-4	0.018400	1.50278	
11		CarbonBlack	1333-86-4	0.006100	0.49820	
12		Hardener	-	0.110200	9.00033	
13		Brominated epoxy resin	-	0.036700	2.99739	
14		Epoxy resin	-	0.195900	15.99967	

## 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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