



# List of Component

No. PN000217 Rev.A

Date 2020/08/23

Item	Transistor
Part No.	R6018JNGTL
Product mass	1462.809 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	433.243945	88.58000	
2		Epoxy resin	29690-82-2	29.443712	6.02000	
3		Phenol resin	-	24.895108	5.09000	
4		CarbonBlack	1333-86-4	1.516202	0.31000	
5	Lead frame	Copper	7440-50-8	935.127130	99.90000	
6		Iron	7439-89-6	0.936051	0.10000	
7	Leadframe surface treatment	Nickel	7440-02-0	0.087037	100.00000	
8	External plating	Tin	7440-31-5	6.278815	98.00000	
9		Copper	7440-50-8	0.128142	2.00000	
10	Die	Silicon	7440-21-3	17.578722	98.47985	
11		Nickel	7440-02-0	0.148183	0.83008	
12		Silver	7440-22-4	0.085721	0.48005	
13		Gold	7440-57-5	0.037448	0.21002	
14	Die attach (In)	Lead	7439-92-1	10.507796	95.50000	RoHS exemption :7(a)
15		Tin	7440-31-5	0.220006	2.00000	
16		Silver	7440-22-4	0.275008	2.50000	
17	Bonding wire	Aluminum	7429-90-5	2.299974	100.00000	

## Remarks

<ul style="list-style-type: none"> <li>· All information in this document is furnished for exploratory or indicative purposes only.</li> <li>· This information provides estimates of the average weights and content of component materials. And does not include impurities or metals diffused in the silicon.</li> <li>· 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.</li> <li>· ROHM strives for the accuracy of the information, however, ROHM does not give any representations or warranties as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information.</li> <li>· ROHM may make changes to information published in this document at any time and without notice.</li> </ul>
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