



List of Component

No. PN001320 Rev.A

Date 2020/09/10

Item	Discrete
Part No.	SCT2H12NYTB
Product mass	4082.4459 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	1,363.091128	80.00000	
2		Epoxy resin	-	68.154393	4.00000	
3		Phenol resin	-	85.193298	5.00000	
4		CarbonBlack	1333-86-4	17.038496	1.00000	
5		Silica	7631-86-9	85.193298	5.00000	
6		Epoxy resin	-	85.193298	5.00000	
7	Lead frame	Copper	7440-50-8	2,343.262710	99.47000	
8		Iron	7439-89-6	2.355571	0.10000	
9		Phosphorus	7723-14-0	0.706671	0.03000	
10		Nickel	7440-02-0	9.423102	0.40000	
11	External plating	Tin	7440-31-5	12.866645	100.00000	
12	Die	Silicon carbide	409-21-2	0.260052	98.66013	
13		Nickel	7440-02-0	0.000408	0.12000	
14		Silver	7440-22-4	0.001633	0.65993	
15		Gold	7440-57-5	0.000408	0.16998	
16		Titanium	7440-32-6	0.001225	0.38996	
17	Die attach	Lead	7439-92-1	1.455800	92.43924	RoHS exemption :7(a)
18		Tin	7440-31-5	0.079199	5.04050	
19		Silver	7440-22-4	0.039600	2.52026	
20	Leadframe surface treatment	Nickel	7440-02-0	7.830948	100.00000	
21	Bonding wire	Aluminum	7429-90-5	0.298017	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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