

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAL-TC298TP-128F300N BC	**Issued**	27. April 2022
MA#	MA005740782		
Package	PG-BGA-416-29	**Weight***	3016.59 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	38.541	1.28	1.28	12776	12776
wire	noble metal	palladium	7440-05-3	0.020			7	
	non noble metal	copper	7440-50-8	2.028	0.07	0.07	672	679
encapsulation	organic material	carbon black	1333-86-4	2.696	0.09		894	
	plastics	epoxy resin	-	186.035	6.17		61671	
	inorganic material	silicondioxide	60676-86-0	1,159.347	38.42	44.68	384324	446889
substrate	inorganic material	bariumsulfate	7727-43-7	29.848	0.99		9895	
	non noble metal	metal hydroxide	-	31.722	1.05		10516	
	plastics	acrylic resin	-	34.543	1.15		11451	
	inorganic material	amorphous silica	7631-86-9	63.445	2.10		21032	
	plastics	epoxy resin	-	114.619	3.80		37996	
	inorganic material	glass fibre wool	65997-17-3	126.890	4.21		42064	
	non noble metal	copper	7440-50-8	824.318	27.33	40.63	273262	406216
plating	noble metal	gold	7440-57-5	2.501	0.08		829	
	non noble metal	nickel	7440-02-0	6.847	0.23	0.31	2270	3099
solderball	non noble metal	copper	7440-50-8	1.936	0.06		642	
	noble metal	silver	7440-22-4	15.490	0.51		5135	
	non noble metal	tin	7440-31-5	369.835	12.26	12.83	122600	128377
glue	plastics	epoxy resin	-	1.481	0.05		491	
	noble metal	silver	7440-22-4	4.442	0.15	0.20	1473	1964
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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