

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAL-TC298TP-128F300N BC	**Issued**	12. August 2019
MA#	MA003475128		
Package	PG-BGA-416-26	**Weight***	3194.75 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	36.614	1.15	1.15	11461	11461
wire	noble metal	palladium	7440-05-3	0.020	0.00		6	
	non noble metal	copper	7440-50-8	1.979	0.06	0.06	619	625
encapsulation	organic material	carbon black	1333-86-4	2.700	0.08		845	
	plastics	epoxy resin	-	186.275	5.83		58306	
	inorganic material	silicondioxide	60676-86-0	1160.844	36.33	42.24	363360	422511
substrate	inorganic material	bariumsulfate	7727-43-7	28.336	0.89		8870	
	non noble metal	metal hydroxide	-	31.705	0.99		9924	
	plastics	acrylic resin	-	32.794	1.03		10265	
	inorganic material	amorphous silica	7631-86-9	63.409	1.98		19848	
	plastics	epoxy resin	-	113.581	3.56		35552	
	inorganic material	glass fibre wool	65997-17-3	126.819	3.97		39696	
	non noble metal	copper	7440-50-8	560.452	17.54	29.96	175429	299584
plating	noble metal	gold	7440-57-5	0.578	0.02		181	
	non noble metal	nickel	7440-02-0	1.582	0.05	0.07	495	676
solderball	non noble metal	copper	7440-50-8	4.206	0.13		1317	
	noble metal	silver	7440-22-4	33.652	1.05		10533	
	non noble metal	tin	7440-31-5	803.435	25.15	26.33	251486	263336
glue	plastics	epoxy resin	-	1.443	0.05		452	
	noble metal	silver	7440-22-4	4.328	0.14	0.19	1355	1807
*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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