



Material Content Data Sheet



Sales Product Name	SAL-TC299TP-128F300S BB			Issued		2. August 2018		
MA#	MA001468994							
Package	PG-LFBGA-516-5			Weight*		1987.13 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	1.84	1.84	18426	18426
wire	noble metal	palladium	7440-05-3	0.023	0.00		12	
	non noble metal	copper	7440-50-8	2.308	0.12	0.12	1162	1174
encapsulation	organic material	carbon black	1333-86-4	1.679	0.08		845	
	plastics	epoxy resin	-	115.872	5.83		58311	
	inorganic material	silicondioxide	60676-86-0	722.103	36.35	42.26	363391	422547
substrate	inorganic material	bariumsulfate	7727-43-7	23.317	1.17		11734	
	plastics	acrylic resin	-	26.985	1.36		13580	
	inorganic material	Metal Hydroxide	-	32.274	1.62		16242	
	inorganic material	silicondioxide	60676-86-0	102.202	5.14		51432	
	plastics	epoxy resin	-	192.704	9.70		96976	
	inorganic material	glass fibre	-	225.920	11.37		113691	
	non noble metal	copper	7440-50-8	248.966	12.53	42.89	125289	428944
plating	noble metal	gold	7440-57-5	0.489	0.02		246	
	non noble metal	nickel	7440-02-0	1.337	0.07	0.09	673	919
solderball	noble metal	silver	7440-22-4	8.700	0.44		4378	
	non noble metal	tin	7440-31-5	239.863	12.07	12.51	120708	125086
glue	plastics	epoxy resin	-	1.443	0.07		726	
	noble metal	silver	7440-22-4	4.328	0.22	0.29	2178	2904
*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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