



Material Content Data Sheet



Sales Product Name				SAL-TC298TP-128F300N BC		Issued		20. July 2018	
MA#				MA001650316					
Package				PG-BGA-416-26		Weight*		3195.16 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	11459	11459	
wire	noble metal	palladium	7440-05-3	0.020	0.00		6		
	non noble metal	copper	7440-50-8	1.963	0.06	0.06	614	620	
encapsulation	organic material	carbon black	1333-86-4	2.699	0.08		845		
	plastics	epoxy resin	-	186.261	5.83		58295		
	inorganic material	silicondioxide	60676-86-0	1160.757	36.31	42.22	363287	422427	
substrate	inorganic material	bariumsulfate	7727-43-7	28.336	0.89		8869		
	plastics	acrylic resin	-	32.794	1.03		10264		
	inorganic material	Metal Hydroxide	-	38.046	1.19		11907		
	inorganic material	silicondioxide	60676-86-0	120.478	3.77		37706		
	plastics	epoxy resin	-	227.718	7.13		71270		
	non noble metal	copper	7440-50-8	243.405	7.62		76179		
	inorganic material	glass fibre	-	266.320	8.34	29.97	83351	299546	
plating	noble metal	gold	7440-57-5	0.717	0.02		224		
	non noble metal	nickel	7440-02-0	1.963	0.06	0.08	614	838	
solderball	non noble metal	copper	7440-50-8	4.206	0.13		1317		
	noble metal	silver	7440-22-4	33.652	1.05		10532		
	non noble metal	tin	7440-31-5	803.435	25.15	26.33	251454	263303	
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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