



Material Content Data Sheet



Sales Product Name				SAL-TC298TP-128F300N BC		Issued		19. January 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:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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