



Material Content Data Sheet



Sales Product Name				SAK-TC265D-40F200N BC		Issued		20. July 2018	
MA#				MA001672872					
Package				PG-LQFP-176-22		Weight*		1981.74 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	44.943	2.27	2.27	22679	22679	
leadframe	inorganic material	phosphorus	7723-14-0	0.136	0.01		69		
	non noble metal	zinc	7440-66-6	0.543	0.03		274		
	non noble metal	iron	7439-89-6	10.869	0.55		5484		
wire	non noble metal	copper	7440-50-8	441.312	22.27	22.86	222689	228516	
	noble metal	gold	7440-57-5	0.003	0.00		2		
	noble metal	palladium	7440-05-3	0.070	0.00		35		
encapsulation	non noble metal	copper	7440-50-8	3.087	0.16	0.16	1558	1595	
	organic material	carbon black	1333-86-4	4.303	0.22		2171		
	plastics	epoxy resin	-	182.151	9.19		91915		
leadfinish	inorganic material	silicondioxide	60676-86-0	1247.803	62.95	72.36	629652	723738	
	noble metal	palladium	7440-05-3	0.004	0.00		2		
	noble metal	silver	7440-22-4	0.004	0.00		2		
plating	noble metal	gold	7440-57-5	0.007	0.00		4		
	non noble metal	nickel	7440-02-0	7.048	0.36	0.36	3556	3564	
	noble metal	silver	7440-22-4	0.016	0.00		8		
glue	noble metal	palladium	7440-05-3	0.019	0.00		9		
	noble metal	gold	7440-57-5	0.030	0.00		15		
	non noble metal	nickel	7440-02-0	30.469	1.54	1.54	15375	15407	
*deviation	plastics	epoxy resin	-	1.963	0.10		990		
	noble metal	silver	7440-22-4	6.959	0.35	0.45	3511	4501	
						Sum in total:	100.00	1000000	

Important Remarks:

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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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