



Material Content Data Sheet



Sales Product Name				SAK-XC2269I-136F128LR AA		Issued		20. July 2018	
MA#				MA001258524					
Package				PG-LQFP-100-15		Weight*		754.85 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	56.102	7.43	7.43	74321	74321	
leadframe	inorganic material	phosphorus	7723-14-0	0.068	0.01		90		
	non noble metal	zinc	7440-66-6	0.273	0.04		362		
	non noble metal	iron	7439-89-6	5.459	0.72		7231		
wire	non noble metal	copper	7440-50-8	221.639	29.36	30.13	293619	301302	
	noble metal	palladium	7440-05-3	0.025	0.00		33		
	non noble metal	copper	7440-50-8	2.453	0.32	0.32	3250	3283	
encapsulation	organic material	carbon black	1333-86-4	2.203	0.29		2919		
	plastics	epoxy resin	-	59.486	7.88		78805		
	inorganic material	silicondioxide	60676-86-0	378.950	50.22	58.39	502019	583743	
leadfinish	noble metal	palladium	7440-05-3	0.084	0.01		112		
	noble metal	silver	7440-22-4	0.074	0.01		98		
	noble metal	gold	7440-57-5	0.136	0.02		180		
	non noble metal	nickel	7440-02-0	2.909	0.39	0.43	3853	4243	
plating	noble metal	silver	7440-22-4	0.288	0.04		381		
	noble metal	gold	7440-57-5	0.529	0.07		700		
	noble metal	palladium	7440-05-3	0.329	0.04		436		
	non noble metal	nickel	7440-02-0	11.333	1.50	1.65	15014	16531	
glue	plastics	epoxy resin	-	3.128	0.41		4144		
	noble metal	silver	7440-22-4	9.385	1.24	1.65	12433	16577	
*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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