



Material Content Data Sheet



Sales Product Name				SAK-XC2268N-40F80LR AB		Issued		24. January 2018	
MA#				MA001476354					
Package				PG-LQFP-100-15		Weight*		746.70 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	28.688	3.84	3.84	38420	38420	
leadframe	inorganic material	phosphorus	7723-14-0	0.068	0.01		91		
	non noble metal	zinc	7440-66-6	0.273	0.04		366		
	non noble metal	iron	7439-89-6	5.459	0.73		7310		
wire	non noble metal	copper	7440-50-8	221.639	29.68	30.46	296826	304593	
	noble metal	palladium	7440-05-3	0.019	0.00		25		
	non noble metal	copper	7440-50-8	1.849	0.25	0.25	2476	2501	
encapsulation	organic material	carbon black	1333-86-4	2.333	0.31		3125		
	plastics	epoxy resin	-	62.997	8.44		84367		
	inorganic material	silicondioxide	60676-86-0	401.313	53.74	62.49	537451	624943	
leadfinish	noble metal	palladium	7440-05-3	0.002	0.00		2		
	noble metal	silver	7440-22-4	0.001	0.00		2		
	noble metal	gold	7440-57-5	0.003	0.00		4		
	non noble metal	nickel	7440-02-0	2.734	0.37	0.37	3662	3670	
plating	noble metal	silver	7440-22-4	0.006	0.00		8		
	noble metal	gold	7440-57-5	0.011	0.00		14		
	noble metal	palladium	7440-05-3	0.007	0.00		9		
	non noble metal	nickel	7440-02-0	10.653	1.43	1.43	14267	14298	
glue	plastics	epoxy resin	-	2.161	0.29		2894		
	noble metal	silver	7440-22-4	6.482	0.87	1.16	8681	11575	
*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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