



Material Content Data Sheet



Sales Product Name				SAK-XC2365A-104F80LR AB		Issued		20. July 2018	
MA#				MA001115898					
Package				PG-LQFP-100-15		Weight*		748.92 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	38.601	5.15	5.15	51542	51542	
leadframe	inorganic material	phosphorus	7723-14-0	0.068	0.01		91		
	non noble metal	zinc	7440-66-6	0.273	0.04		364		
	non noble metal	iron	7439-89-6	5.459	0.73		7289		
wire	non noble metal	copper	7440-50-8	221.639	29.59	30.37	295946	303690	
	noble metal	palladium	7440-05-3	0.020	0.00		27		
	non noble metal	copper	7440-50-8	1.973	0.26	0.26	2635	2662	
encapsulation	organic material	carbon black	1333-86-4	2.287	0.31		3053		
	plastics	epoxy resin	-	61.737	8.24		82435		
	inorganic material	silicondioxide	60676-86-0	393.289	52.52	61.07	525144	610632	
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	3651	3659	
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	1.42	1.42	14225	14256	
glue	plastics	epoxy resin	-	2.539	0.34		3390		
	noble metal	silver	7440-22-4	7.616	1.02	1.36	10169	13559	
*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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