



Material Content Data Sheet



Sales Product Name				SAK-XC2365B-40F80LR AB		Issued		2. August 2018	
MA#				MA001165398					
Package				PG-LQFP-100-15		Weight*		748.62 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	3.83	3.83	38321	38321	
leadframe	inorganic material	phosphorus	7723-14-0	0.068	0.01		91		
	non noble metal	zinc	7440-66-6	0.273	0.04		365		
	non noble metal	iron	7439-89-6	5.459	0.73		7291		
wire	non noble metal	copper	7440-50-8	221.639	29.61	30.39	296065	303812	
	noble metal	palladium	7440-05-3	0.018	0.00		24		
	non noble metal	copper	7440-50-8	1.811	0.24	0.24	2420	2444	
encapsulation	organic material	carbon black	1333-86-4	2.332	0.31		3115		
	plastics	epoxy resin	-	62.956	8.41		84096		
	inorganic material	silicondioxide	60676-86-0	401.050	53.57	62.29	535721	622932	
leadfinish	noble metal	palladium	7440-05-3	0.084	0.01		113		
	noble metal	silver	7440-22-4	0.074	0.01		99		
	noble metal	gold	7440-57-5	0.136	0.02		181		
	non noble metal	nickel	7440-02-0	2.909	0.39	0.43	3885	4278	
plating	noble metal	silver	7440-22-4	0.288	0.04		384		
	noble metal	gold	7440-57-5	0.529	0.07		706		
	noble metal	palladium	7440-05-3	0.329	0.04		439		
	non noble metal	nickel	7440-02-0	11.333	1.51	1.66	15139	16668	
glue	plastics	epoxy resin	-	2.161	0.29		2886		
	noble metal	silver	7440-22-4	6.482	0.87	1.16	8659	11545	
*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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