



Material Content Data Sheet



Sales Product Name				SAK-XC2336B-40F80LR AB		Issued		25. January 2018	
MA#				MA001170238					
Package				PG-LQFP-64-24		Weight*		377.82 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	7.59	7.59	75930	75930	
leadframe	inorganic material	phosphorus	7723-14-0	0.033	0.01		89		
	non noble metal	zinc	7440-66-6	0.134	0.04		354		
	non noble metal	iron	7439-89-6	2.675	0.71		7080		
wire	non noble metal	copper	7440-50-8	108.612	28.75	29.51	287470	294993	
	noble metal	palladium	7440-05-3	0.013	0.00		36		
	non noble metal	copper	7440-50-8	1.329	0.35	0.35	3517	3553	
encapsulation	organic material	carbon black	1333-86-4	1.097	0.29		2902		
	plastics	epoxy resin	-	29.607	7.84		78362		
	inorganic material	silicondioxide	60676-86-0	188.606	49.93	58.06	499197	580461	
leadfinish	noble metal	palladium	7440-05-3	0.055	0.01		145		
	noble metal	silver	7440-22-4	0.048	0.01		127		
	noble metal	gold	7440-57-5	0.088	0.02		234		
	non noble metal	nickel	7440-02-0	1.892	0.50	0.54	5008	5514	
plating	noble metal	silver	7440-22-4	0.145	0.04		384		
	noble metal	gold	7440-57-5	0.267	0.07		706		
	noble metal	palladium	7440-05-3	0.166	0.04		439		
	non noble metal	nickel	7440-02-0	5.722	1.51	1.66	15144	16673	
glue	plastics	epoxy resin	-	2.161	0.57		5719		
	noble metal	silver	7440-22-4	6.482	1.72	2.29	17157	22876	
*deviation	< 10%			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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