



## Material Content Data Sheet



<b>Sales Product Name</b>		SAK-XC2336B-40F80LR AB		<b>Issued</b>		23. January 2018		
<b>MA#</b>		MA001648094						
<b>Package</b>		PG-LQFP-64-24		<b>Weight*</b>		377.64 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	7.60	7.60	75967	75967
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		7083	
wire	non noble metal	copper	7440-50-8	108.612	28.76	29.52	287610	295136
	noble metal	palladium	7440-05-3	0.013	0.00		36	
	non noble metal	copper	7440-50-8	1.329	0.35	0.35	3519	3555
encapsulation	organic material	carbon black	1333-86-4	1.097	0.29		2904	
	plastics	epoxy resin	-	29.607	7.84		78400	
	inorganic material	silicondioxide	60676-86-0	188.606	49.95	58.08	499440	580744
leadfinish	noble metal	gold	7440-57-5	0.041	0.01		108	
	noble metal	palladium	7440-05-3	0.041	0.01		108	
	noble metal	silver	7440-22-4	0.041	0.01		108	
	non noble metal	nickel	7440-02-0	1.914	0.51	0.54	5068	5392
plating	noble metal	palladium	7440-05-3	0.123	0.03		326	
	noble metal	silver	7440-22-4	0.123	0.03		326	
	noble metal	gold	7440-57-5	0.123	0.03		326	
	non noble metal	nickel	7440-02-0	5.793	1.53	1.62	15340	16318
glue	plastics	epoxy resin	-	2.161	0.57		5722	
	noble metal	silver	7440-22-4	6.482	1.72	2.29	17166	22888
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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