

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-XC2764X-40F80LR AB	**Issued**	12. April 2021
MA#	MA002404154		
Package	PG-LQFP-100-15	**Weight***	744.17 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	3.86	3.86	38550	38550
leadframe	inorganic material	phosphorus	7723-14-0	0.067	0.01		90	
	non noble metal	zinc	7440-66-6	0.269	0.04		361	
	non noble metal	iron	7439-89-6	5.372	0.72		7219	
	non noble metal	copper	7440-50-8	218.131	29.31	30.08	293119	300789
wires	noble metal	palladium	7440-05-3	0.019			25	
	non noble metal	copper	7440-50-8	1.854	0.25	0.25	2492	2517
encapsulation	organic material	carbon black	1333-86-4	2.337	0.31		3140	
	plastics	epoxy resin	-	63.097	8.48		84788	
	inorganic material	silicondioxide	60676-86-0	401.950	54.01	62.80	540130	628058
leadfinish	noble metal	palladium	7440-05-3	0.002			2	
	noble metal	silver	7440-22-4	0.001			2	
	noble metal	gold	7440-57-5	0.003			4	
	non noble metal	nickel	7440-02-0	2.734	0.37	0.37	3674	3682
plating	noble metal	silver	7440-22-4	0.006			8	
	noble metal	palladium	7440-05-3	0.007			9	
	noble metal	gold	7440-57-5	0.011			15	
	non noble metal	nickel	7440-02-0	10.982	1.48	1.48	14757	14789
glue	plastics	epoxy resin	-	2.161	0.29		2904	
	noble metal	silver	7440-22-4	6.482	0.87	1.16	8711	11615
*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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