

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-XC2263M-72F80LR AB	**Issued**	15. May 2021
MA#	MA004374824		
Package	PG-LQFP-100-15	**Weight***	748.95 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	51540	51540
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		7288	
	non noble metal	copper	7440-50-8	221.639	29.59	30.37	295932	303675
wires	noble metal	palladium	7440-05-3	0.020			27	
	non noble metal	copper	7440-50-8	2.019	0.27	0.27	2695	2722
encapsulation	organic material	carbon black	1333-86-4	2.287	0.31		3053	
	plastics	epoxy resin	-	61.736	8.24		82430	
	inorganic material	silicondioxide	60676-86-0	393.280	52.51	61.06	525107	610590
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	3651	3659
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			14	
	non noble metal	nickel	7440-02-0	10.653	1.42	1.42	14224	14255
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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