



Material Content Data Sheet



Halogen-Free

Sales Product Name	SAK-XC2361E-136F128LR AA	Issued	13. April 2021
MA#	MA004430246		
Package	PG-LQFP-100-15	Weight*	750.38 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	56.102	7.48	7.48	74765	74765
leadframe	inorganic material	phosphorus	7723-14-0	0.067	0.01		89	
	non noble metal	zinc	7440-66-6	0.269	0.04		358	
	non noble metal	iron	7439-89-6	5.372	0.72		7159	
	non noble metal	copper	7440-50-8	218.131	29.07	29.84	290696	298302
wires	noble metal	palladium	7440-05-3	0.025			33	
	non noble metal	copper	7440-50-8	2.458	0.33	0.33	3276	3309
encapsulation	organic material	carbon black	1333-86-4	2.208	0.29		2943	
	plastics	epoxy resin	-	59.629	7.95		79465	
	inorganic material	silicondioxide	60676-86-0	379.857	50.62	58.86	506221	588629
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	0.36	0.36	3644	3652
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	1.46	1.46	14635	14667
glue	plastics	epoxy resin	-	3.128	0.42		4169	
	noble metal	silver	7440-22-4	9.385	1.25	1.67	12507	16676
*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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