



Material Content Data Sheet



Halogen-Free

Sales Product Name	SAK-XC2768X-136F128LR AA	Issued	15. May 2021
MA#	MA004430238		
Package	PG-LQFP-100-15	Weight*	752.91 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	7.45	7.45	74514	74514
leadframe	inorganic material	phosphorus	7723-14-0	0.068	0.01		91	
	non noble metal	zinc	7440-66-6	0.273	0.04		363	
	non noble metal	iron	7439-89-6	5.459	0.72		7250	
	non noble metal	copper	7440-50-8	221.639	29.44	30.21	294379	302083
wires	noble metal	palladium	7440-05-3	0.025			33	
	non noble metal	copper	7440-50-8	2.458	0.33	0.33	3265	3298
encapsulation	organic material	carbon black	1333-86-4	2.205	0.29		2928	
	plastics	epoxy resin	-	59.529	7.91		79065	
	inorganic material	silicondioxide	60676-86-0	379.219	50.37	58.57	503673	585666
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	3631	3639
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	1.41	1.41	14149	14180
glue	plastics	epoxy resin	-	3.128	0.42		4155	
	noble metal	silver	7440-22-4	9.385	1.25	1.67	12465	16620
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com