



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	SAK-XC2765X-104F80LR AB	<b>Issued</b>	15. May 2021
<b>MA#</b>	MA004374820		
<b>Package</b>	PG-LQFP-100-15	<b>Weight*</b>	746.42 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	5.17	5.17	51715	51715
leadframe	inorganic material	phosphorus	7723-14-0	0.067	0.01		90	
	non noble metal	zinc	7440-66-6	0.269	0.04		360	
	non noble metal	iron	7439-89-6	5.372	0.72		7197	
	non noble metal	copper	7440-50-8	218.131	29.22	29.99	292236	299883
wires	noble metal	palladium	7440-05-3	0.020			27	
	non noble metal	copper	7440-50-8	2.019	0.27	0.27	2704	2731
encapsulation	organic material	carbon black	1333-86-4	2.290	0.31		3068	
	plastics	epoxy resin	-	61.836	8.28		82843	
	inorganic material	silicondioxide	60676-86-0	393.918	52.78	61.37	527740	613651
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	3663	3671
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	1.47	1.47	14713	14745
glue	plastics	epoxy resin	-	2.539	0.34		3401	
	noble metal	silver	7440-22-4	7.616	1.02	1.36	10203	13604
*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