



## Material Content Data Sheet



<b>Sales Product Name</b>		SAK-XC2764X-40F80LR AB		<b>Issued</b>		25. January 2018		
<b>MA#</b>		MA001202184						
<b>Package</b>		PG-LQFP-100-15		<b>Weight*</b>		748.62 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	3.83	3.83	38321	38321
leadframe	inorganic material	phosphorus	7723-14-0	0.068	0.01		91	
	non noble metal	zinc	7440-66-6	0.273	0.04		365	
	non noble metal	iron	7439-89-6	5.459	0.73		7291	
wire	non noble metal	copper	7440-50-8	221.639	29.61	30.39	296065	303812
	noble metal	palladium	7440-05-3	0.018	0.00		24	
	non noble metal	copper	7440-50-8	1.811	0.24	0.24	2420	2444
encapsulation	organic material	carbon black	1333-86-4	2.332	0.31		3115	
	plastics	epoxy resin	-	62.956	8.41		84096	
	inorganic material	silicondioxide	60676-86-0	401.050	53.57	62.29	535721	622932
leadfinish	noble metal	palladium	7440-05-3	0.084	0.01		113	
	noble metal	silver	7440-22-4	0.074	0.01		99	
	noble metal	gold	7440-57-5	0.136	0.02		181	
	non noble metal	nickel	7440-02-0	2.909	0.39	0.43	3885	4278
plating	noble metal	silver	7440-22-4	0.288	0.04		384	
	noble metal	gold	7440-57-5	0.529	0.07		706	
	noble metal	palladium	7440-05-3	0.329	0.04		439	
	non noble metal	nickel	7440-02-0	11.333	1.51	1.66	15139	16668
glue	plastics	epoxy resin	-	2.161	0.29		2886	
	noble metal	silver	7440-22-4	6.482	0.87	1.16	8659	11545
*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 München
Internet	www.infineon.com