



Material Content Data Sheet



Sales Product Name		SAK-XC2361E-136F128LR AA		Issued		1. August 2018		
MA#		MA001783408						
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	
wire	non noble metal	copper	7440-50-8	218.131	29.07	29.84	290696	298302
	noble metal	palladium	7440-05-3	0.025	0.00		33	
encapsulation	non noble metal	copper	7440-50-8	2.458	0.33	0.33	3276	3309
	organic material	carbon black	1333-86-4	2.208	0.29		2943	
	plastics	epoxy resin	-	59.629	7.95		79465	
leadfinish	inorganic material	silicondioxide	60676-86-0	379.857	50.62	58.86	506221	588629
	noble metal	palladium	7440-05-3	0.002	0.00		2	
	noble metal	silver	7440-22-4	0.001	0.00		2	
	noble metal	gold	7440-57-5	0.003	0.00		4	
plating	non noble metal	nickel	7440-02-0	2.734	0.36	0.36	3644	3652
	noble metal	silver	7440-22-4	0.006	0.00		8	
	noble metal	palladium	7440-05-3	0.007	0.00		9	
	noble metal	gold	7440-57-5	0.011	0.00		15	
glue	non noble metal	nickel	7440-02-0	10.982	1.46	1.46	14635	14667
	plastics	epoxy resin	-	3.128	0.42		4169	
*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