



## Material Content Data Sheet



<b>Sales Product Name</b>				KP214N2611		<b>Issued</b>		26. September 2017	
<b>MA#</b>				MA000909848					
<b>Package</b>				PG-DSOF-8-16		<b>Weight*</b>		227.24 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	12.899	5.68	5.68	56761	56761	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.00		41		
	non noble metal	zinc	7440-66-6	0.037	0.02		163		
	non noble metal	iron	7439-89-6	0.740	0.33		3255		
wire	non noble metal	copper	7440-50-8	30.034	13.22	13.57	132166	135625	
	noble metal	gold	7440-57-5	0.154	0.07	0.07	680	680	
	encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2586	
encapsulation	plastics	silicone resin	-	17.373	7.65		76453		
	plastics	epoxy resin	-	21.305	9.38		93753		
	inorganic material	silicondioxide	60676-86-0	125.036	55.01	72.30	550234	723026	
leadfinish	noble metal	gold	7440-57-5	0.020	0.01		87		
	non noble metal	nickel	7440-02-0	0.196	0.09		863		
	inorganic material	phosphorus	7723-14-0	0.000	0.00		2		
plating	noble metal	palladium	7440-05-3	0.020	0.01	0.11	88	1040	
	inorganic material	chromiumoxide	1308-38-9	0.170	0.07		749		
	inorganic material	zincoxide	1314-13-2	0.397	0.17	0.24	1748	2497	
glue	inorganic material	alumina	1344-28-1	0.165	0.07		724		
	inorganic material	thalliumtrioxid	1314-12-1	0.030	0.01		132		
	inorganic material	silicondioxide	60676-86-0	0.554	0.24		2436		
lid	plastics	silicone resin	-	2.244	0.99	1.31	9876	13168	
	inorganic material	glass fibre	-	5.716	2.52		25154		
	plastics	Polyphenylene Sulfide	26125-40-6	8.574	3.77	6.29	37731	62885	
lid attach material	organic material	carbon black	1333-86-4	0.005	0.00		22		
	inorganic material	silicondioxide	60676-86-0	0.476	0.21		2094		
	plastics	epoxy resin	-	0.500	0.22	0.43	2202	4318	
*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