



Material Content Data Sheet



Sales Product Name				KP108-PS		Issued		25. September 2017	
MA#				MA000907372					
Package				PG-DSOF-8-16		Weight*		231.39 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	14.014	6.06	6.06	60568	60568	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.00		40		
	non noble metal	zinc	7440-66-6	0.037	0.02		160		
	non noble metal	iron	7439-89-6	0.740	0.32		3197		
wire	non noble metal	copper	7440-50-8	30.034	12.98	13.32	129800	133197	
	noble metal	gold	7440-57-5	0.150	0.06	0.06	650	650	
	encapsulation	organic material	carbon black	1333-86-4	0.450	0.19		1943	
leadfinish	plastics	epoxy resin	-	13.788	5.96		59588		
	inorganic material	silicondioxide	60676-86-0	135.630	58.62	64.77	586166	647697	
	noble metal	gold	7440-57-5	0.020	0.01		86		
plating	noble metal	palladium	7440-05-3	0.020	0.01		87		
	non noble metal	nickel	7440-02-0	0.196	0.08		847		
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.10	2	1022	
lid attach material	inorganic material	chromiumoxide	1308-38-9	0.170	0.07		736		
	inorganic material	zincoxide	1314-13-2	0.397	0.17	0.24	1717	2453	
	organic material	carbon black	1333-86-4	0.005	0.00		21		
lid	inorganic material	silicondioxide	60676-86-0	0.476	0.21		2057		
	plastics	epoxy resin	-	0.500	0.22	0.43	2163	4241	
	inorganic material	glass fibre	-	5.716	2.47		24704		
glue	plastics	Polyphenylene Sulfide	26125-40-6	8.574	3.71	6.18	37055	61759	
	inorganic material	alumina	1344-28-1	0.170	0.07		733		
	inorganic material	titandioxide	13463-67-7	0.031	0.01		133		
gel	inorganic material	silicondioxide	60676-86-0	0.571	0.25		2466		
	plastics	silicone resin	-	2.313	1.00	1.33	9997	13329	
	plastics	silicone resin	-	17.373	7.51	7.51	75084	75084	
*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.
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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

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