



Material Content Data Sheet



Sales Product Name				KP254		Issued		25. September 2017	
MA#				MA000948400					
Package				PG-DSOF-8-16		Weight*		222.98 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	9.453	4.24	4.24	42393	42393	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.00		41		
	non noble metal	zinc	7440-66-6	0.037	0.02		166		
	non noble metal	iron	7439-89-6	0.740	0.33		3317		
wire	non noble metal	copper	7440-50-8	30.034	13.47	13.82	134694	138218	
	noble metal	gold	7440-57-5	0.174	0.08	0.08	780	780	
	encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2636	
encapsulation	plastics	silicone resin	-	17.373	7.79		77915		
	plastics	epoxy resin	-	21.305	9.55		95546		
	inorganic material	silicondioxide	60676-86-0	125.036	56.09	73.69	560757	736854	
leadfinish	noble metal	gold	7440-57-5	0.020	0.01		89		
	non noble metal	nickel	7440-02-0	0.196	0.09		879		
	inorganic material	phosphorus	7723-14-0	0.000	0.00		2		
plating	noble metal	palladium	7440-05-3	0.020	0.01	0.11	90	1060	
	inorganic material	chromiumoxide	1308-38-9	0.170	0.08		764		
	inorganic material	zincoxide	1314-13-2	0.397	0.18	0.26	1782	2546	
glue	inorganic material	alumina	1344-28-1	0.118	0.05		531		
	inorganic material	titandioxide	13463-67-7	0.022	0.01		97		
	inorganic material	silicondioxide	60676-86-0	0.399	0.18		1787		
lid	plastics	silicone resin	-	1.616	0.72	0.96	7246	9661	
	inorganic material	glass fibre	-	5.716	2.56		25635		
	plastics	Polyphenylene Sulfide	26125-40-6	8.574	3.85	6.41	38453	64088	
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		2134		
	plastics	epoxy resin	-	0.500	0.22	0.43	2244	4400	
*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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