



Material Content Data Sheet



Sales Product Name				KP200		Issued		19. January 2018	
MA#				MA001414158					
Package				PG-D50F-8-16		Weight*		243.65 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	27.721	11.38	11.38	113774	113774	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.00		38		
	non noble metal	zinc	7440-66-6	0.037	0.02		152		
	non noble metal	iron	7439-89-6	0.740	0.30		3036		
	non noble metal	copper	7440-50-8	30.034	12.33	12.65	123265	126491	
wire	noble metal	gold	7440-57-5	0.150	0.06	0.06	617	617	
encapsulation	organic material	carbon black	1333-86-4	0.588	0.24		2412		
	plastics	silicone resin	-	17.373	7.13		71303		
	plastics	epoxy resin	-	21.305	8.74		87439		
	inorganic material	silicondioxide	60676-86-0	125.036	51.30	67.41	513175	674329	
leadfinish	inorganic material	phosphorus	7723-14-0	0.000	0.00		2		
	noble metal	gold	7440-57-5	0.020	0.01		82		
	noble metal	palladium	7440-05-3	0.020	0.01		82		
	non noble metal	nickel	7440-02-0	0.196	0.08	0.10	805	971	
lid attach material	organic material	carbon black	1333-86-4	0.005	0.00		20		
	inorganic material	silicondioxide	60676-86-0	0.476	0.20		1953		
	plastics	epoxy resin	-	0.500	0.21	0.41	2054	4027	
lid	inorganic material	glass fibre	-	5.716	2.35		23460		
	plastics	Polyphenylene Sulfide	26125-40-6	8.574	3.52	5.87	35190	58650	
glue	inorganic material	titandioxide	13463-67-7	0.052	0.02		211		
	inorganic material	alumina	1344-28-1	0.283	0.12		1163		
	inorganic material	silicondioxide	60676-86-0	0.953	0.39		3911		
	plastics	silicone resin	-	3.863	1.59	2.12	15856	21141	
*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

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