



Material Content Data Sheet



Sales Product Name				KP200		Issued		25. January 2018	
MA#				MA002012742					
Package				PG-D50F-8-16		Weight*		229.73 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	13.861	6.03	6.03	60335	60335	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.00		40		
	non noble metal	zinc	7440-66-6	0.037	0.02		161		
	non noble metal	iron	7439-89-6	0.740	0.32		3220		
	non noble metal	copper	7440-50-8	30.034	13.07	13.41	130736	134157	
wire	noble metal	gold	7440-57-5	0.150	0.07	0.07	655	655	
encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2558		
	plastics	silicone resin	-	17.373	7.56		75625		
	plastics	epoxy resin	-	21.305	9.27		92739		
	inorganic material	silicondioxide	60676-86-0	125.036	54.43	71.52	544281	715203	
leadfinish	inorganic material	phosphorus	7723-14-0	0.000	0.00		2		
	noble metal	gold	7440-57-5	0.020	0.01		87		
	noble metal	palladium	7440-05-3	0.020	0.01		87		
	non noble metal	nickel	7440-02-0	0.196	0.09	0.11	854	1030	
lid attach material	organic material	carbon black	1333-86-4	0.005	0.00		21		
	inorganic material	silicondioxide	60676-86-0	0.476	0.21		2072		
	plastics	epoxy resin	-	0.500	0.22	0.43	2178	4271	
lid	inorganic material	glass fibre	-	7.561	3.29		32912		
	plastics	polyphenylene sulphide	26125-40-6	9.241	4.02	7.31	40226	73138	
glue	inorganic material	titandioxide	13463-67-7	0.026	0.01		112		
	inorganic material	alumina	1344-28-1	0.142	0.06		617		
	inorganic material	silicondioxide	60676-86-0	0.476	0.21		2074		
	plastics	silicone resin	-	1.932	0.84	1.12	8408	11211	
*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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