



Material Content Data Sheet



Sales Product Name				KP200		Issued		14. September 2018	
MA#				MA001414158					
Package				PG-D50F-8-16		Weight*		227.16 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	6.10	6.10	61017	61017	
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		3256		
wire	non noble metal	copper	7440-50-8	30.034	13.22	13.57	132212	135672	
	noble metal	gold	7440-57-5	0.150	0.07	0.07	662	662	
	encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2587	
leadfinish	plastics	epoxy resin	-	21.305	9.38		93786		
	inorganic material	silicondioxide	60676-86-0	125.036	55.03	64.67	550427	646800	
	inorganic material	phosphorus	7723-14-0	0.000	0.00		2		
lid attach material	noble metal	gold	7440-57-5	0.015	0.01		66		
	noble metal	palladium	7440-05-3	0.015	0.01		67		
	non noble metal	nickel	7440-02-0	0.149	0.07	0.09	654	789	
lid	organic material	carbon black	1333-86-4	0.005	0.00		22		
	inorganic material	silicondioxide	60676-86-0	0.476	0.21		2095		
	plastics	epoxy resin	-	0.500	0.22	0.43	2203	4320	
glue	inorganic material	glass fibre	-	5.716	2.52		25163		
	plastics	Polyphenylene Sulfide	26125-40-6	8.574	3.77	6.29	37744	62907	
	inorganic material	titandioxide	13463-67-7	0.026	0.01		113		
gel	inorganic material	alumina	1344-28-1	0.142	0.06		624		
	inorganic material	silicondioxide	60676-86-0	0.476	0.21		2097		
	plastics	silicone resin	-	1.932	0.85	1.13	8503	11337	
adhesion promoters	plastics	silicone resin	-	17.371	7.65	7.65	76470	76470	
*deviation	inorganic material	chromiumoxide	1308-38-9	0.003	0.00		13		
	inorganic material	zincoxide	1314-13-2	0.003	0.00	0.00	13	26	
						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