



Material Content Data Sheet



Sales Product Name				KP216H1416		Issued		4. October 2018	
MA#				MA001641312					
Package				PG-DSOF-8-16		Weight*		225.97 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	12.745	5.64	5.64	56401	56401	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.00		41		
	non noble metal	zinc	7440-66-6	0.037	0.02		164		
	non noble metal	iron	7439-89-6	0.740	0.33		3273		
wire	non noble metal	copper	7440-50-8	30.034	13.29	13.64	132912	136390	
	noble metal	gold	7440-57-5	0.163	0.07	0.07	723	723	
	encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2601	
leadfinish	plastics	epoxy resin	-	21.305	9.43		94282		
	inorganic material	silicondioxide	60676-86-0	125.036	55.34	65.03	553341	650224	
	inorganic material	phosphorus	7723-14-0	0.000	0.00		2		
lid attach material	noble metal	gold	7440-57-5	0.015	0.01		67		
	noble metal	palladium	7440-05-3	0.015	0.01		67		
	non noble metal	nickel	7440-02-0	0.149	0.07	0.09	658	794	
lid	organic material	carbon black	1333-86-4	0.005	0.00		22		
	inorganic material	silicondioxide	60676-86-0	0.476	0.21		2106		
	plastics	epoxy resin	-	0.500	0.22	0.43	2215	4343	
glue	inorganic material	glass fibre	-	5.716	2.53		25296		
	plastics	Polyphenylene Sulfide	26125-40-6	8.574	3.79	6.32	37944	63240	
	inorganic material	titandioxide	13463-67-7	0.025	0.01		110		
gel	inorganic material	alumina	1344-28-1	0.137	0.06		604		
	inorganic material	silicondioxide	60676-86-0	0.459	0.20		2032		
	plastics	silicone resin	-	1.861	0.82	1.09	8238	10984	
adhesion promoters	plastics	silicone resin	-	17.371	7.69	7.69	76875	76875	
*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:

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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