



Material Content Data Sheet



Sales Product Name				KP108-PS		Issued		25. September 2017	
MA#				MA000872030					
Package				PG-D50F-8-16		Weight*		228.26 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	14.014	6.14	6.14	61398	61398	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.00		41		
	non noble metal	zinc	7440-66-6	0.037	0.02		162		
	non noble metal	iron	7439-89-6	0.740	0.32		3241		
wire	non noble metal	copper	7440-50-8	30.034	13.16	13.50	131579	135023	
	noble metal	gold	7440-57-5	0.150	0.07	0.07	659	659	
	encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2575	
encapsulation	plastics	silicone resin	-	17.373	7.61		76113		
	plastics	epoxy resin	-	21.305	9.33		93336		
	inorganic material	silicondioxide	60676-86-0	125.036	54.78	71.98	547788	719812	
leadfinish	noble metal	gold	7440-57-5	0.020	0.01		87		
	noble metal	palladium	7440-05-3	0.020	0.01		88		
	non noble metal	nickel	7440-02-0	0.196	0.09		859		
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.11	2	1036	
	inorganic material	chromiumoxide	1308-38-9	0.114	0.05		497		
	inorganic material	zincoxide	1314-13-2	0.265	0.12	0.17	1160	1657	
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		2085		
	plastics	epoxy resin	-	0.500	0.22	0.43	2192	4298	
lid	inorganic material	glass fibre	-	5.716	2.50		25042		
	plastics	Polyphenylene Sulfide	26125-40-6	8.574	3.76	6.26	37563	62605	
glue	inorganic material	alumina	1344-28-1	0.170	0.07		743		
	inorganic material	titandioxide	13463-67-7	0.031	0.01		135		
	inorganic material	silicondioxide	60676-86-0	0.571	0.25		2500		
*deviation	plastics	silicone resin	-	2.313	1.01	1.34	10134	13512	
						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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