



Material Content Data Sheet



Sales Product Name				KP108-AD		Issued		25. January 2018	
MA#				MA000930862					
Package				PG-DSOF-8-16		Weight*		226.00 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	6.20	6.20	62010	62010	
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	132891	136369	
	noble metal	gold	7440-57-5	0.142	0.06	0.06	628	628	
	encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2600	
encapsulation	plastics	silicone resin	-	17.373	7.69		76872		
	plastics	epoxy resin	-	21.305	9.43		94267		
	inorganic material	silicondioxide	60676-86-0	125.036	55.31	72.69	553252	726991	
leadfinish	noble metal	gold	7440-57-5	0.020	0.01		88		
	non noble metal	nickel	7440-02-0	0.196	0.09		868		
	inorganic material	phosphorus	7723-14-0	0.000	0.00		2		
plating	noble metal	palladium	7440-05-3	0.020	0.01	0.11	89	1047	
	inorganic material	chromiumoxide	1308-38-9	0.170	0.08		753		
	inorganic material	zincoxide	1314-13-2	0.397	0.18	0.26	1758	2511	
glue	organic material	carbon black	1333-86-4	0.003	0.00		14		
	inorganic material	silicondioxide	60676-86-0	0.315	0.14		1393		
	plastics	epoxy resin	-	0.331	0.15	0.29	1465	2872	
lid	inorganic material	glass fibre	-	5.716	2.53		25292		
	plastics	Polyphenylene Sulfide	26125-40-6	8.574	3.79	6.32	37938	63230	
lid attach material	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	2214	4342	
*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.
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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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