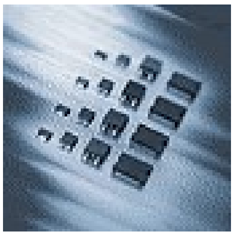

Material Content Data Sheet

RoHS

Halogen-Free

Sales Product Name	KP216K1409	**Issued**	29. August 2013
MA#	MA000872316		
Package	PG-DSOF-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	12.899	5.68	5.68	56781	56781
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	
	non noble metal	copper	7440-50-8	30.034	13.22	13.57	132212	135672
wire	noble metal	gold	7440-57-5	0.178	0.08	0.08	782	782
encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2587	
	plastics	silicone resin	-	17.373	7.65		76479	
	plastics	epoxy resin	-	21.305	9.38		93785	
	inorganic material	silicondioxide	60676-86-0	125.036	55.03	72.32	550423	723274
leadfinish	noble metal	gold	7440-57-5	0.020	0.01		87	
	non noble metal	nickel	7440-02-0	0.196	0.09		863	
	inorganic material	phosphorus	7723-14-0	0.000	0.00		2	
	noble metal	palladium	7440-05-3	0.020	0.01	0.11	88	1040
plating	inorganic material	chromiumoxide	1308-38-9	0.170	0.08		750	
	inorganic material	zincoxide	1314-13-2	0.397	0.17	0.25	1749	2499
glue	inorganic material	alumina	1344-28-1	0.159	0.07		700	
	inorganic material	thalliumtrioxid	1314-12-1	0.029	0.01		127	
	inorganic material	silicondioxide	60676-86-0	0.535	0.24		2354	
	plastics	silicone resin	-	2.168	0.95	1.27	9544	12725
lid	inorganic material	glass fibre	-	5.716	2.52		25163	
	plastics	Polyphenylene Sulfide	26125-40-6	8.574	3.77	6.29	37744	62907
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		2095	
	plastics	epoxy resin	-	0.500	0.22	0.43	2203	4320
*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.

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