



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	KP219N3621	<b>Issued</b>	27. April 2022
<b>MA#</b>	MA005716741		
<b>Package</b>	PG-DSOF-8-16	<b>Weight*</b>	228.48 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	5.58	5.58	55781	55781
leadframe	inorganic material	phosphorus	7723-14-0	0.009			40	
	non noble metal	zinc	7440-66-6	0.037	0.02		162	
	non noble metal	iron	7439-89-6	0.740	0.32		3237	
	non noble metal	copper	7440-50-8	30.034	13.14	13.48	131449	134888
wire	noble metal	gold	7440-57-5	0.167	0.07	0.07	733	733
encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2572	
	plastics	epoxy resin	-	21.305	9.32		93244	
	inorganic material	silicondioxide	60676-86-0	125.036	54.74	64.32	547249	643065
leadfinish	inorganic material	phosphorus	7723-14-0	0.000			2	
	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	0.06	0.08	650	785
lid	inorganic material	glass fibre	-	8.401	3.68		36768	
	plastics	Polyphenylene Sulfide	26125-40-6	8.401	3.68	7.36	36768	73536
glue	organic material	carbon black	1333-86-4	0.005			21	
	inorganic material	titandioxide	13463-67-7	0.025	0.01		109	
	inorganic material	alumina	1344-28-1	0.137	0.06		597	
	plastics	epoxy resin	-	0.500	0.22		2190	
	inorganic material	silicondioxide	60676-86-0	0.935	0.41		4093	
	plastics	silicone resin	-	1.861	0.81	1.51	8147	15157
gel	plastics	silicone resin	-	17.371	7.60	7.60	76029	76029
adhesion promoter	inorganic material	chromiumoxide	1308-38-9	0.003			13	
	inorganic material	zincoxide	1314-13-2	0.003			13	26
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com

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 Neubiberg
Internet	<a href="http://www.infineon.com">www.infineon.com</a>