



Material Content Data Sheet



Halogen-Free

Sales Product Name	KP276D1201	Issued	09. September 2021
MA#	MA005425754		
Package	PG-DSOF-8-162	Weight*	230.33 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	14.415	6.26	6.26	62583	62583
leadframe	inorganic material	phosphorus	7723-14-0	0.009			40	
	non noble metal	zinc	7440-66-6	0.037	0.02		161	
	non noble metal	iron	7439-89-6	0.740	0.32		3211	
	non noble metal	copper	7440-50-8	30.034	13.04	13.38	130396	133808
wire	noble metal	gold	7440-57-5	0.178	0.08	0.08	771	771
encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2552	
	plastics	epoxy resin	-	21.305	9.25		92497	
	inorganic material	silicondioxide	60676-86-0	125.036	54.28	63.79	542863	637912
leadfinish	inorganic material	phosphorus	7723-14-0	0.000			2	
	noble metal	gold	7440-57-5	0.015	0.01		65	
	noble metal	palladium	7440-05-3	0.015	0.01		66	
	non noble metal	nickel	7440-02-0	0.149	0.06	0.08	645	778
lid attach material	organic material	carbon black	1333-86-4	0.005			21	
	inorganic material	silicondioxide	60676-86-0	0.476	0.21		2066	
	plastics	epoxy resin	-	0.500	0.22	0.43	2173	4260
lid	inorganic material	glass fibre	-	8.401	3.65		36473	
	plastics	Polyphenylene Sulfide	26125-40-6	8.401	3.65	7.30	36473	72946
glue	inorganic material	titandioxide	13463-67-7	0.026	0.01		115	
	inorganic material	alumina	1344-28-1	0.146	0.06		632	
	inorganic material	silicondioxide	60676-86-0	0.490	0.21		2127	
	plastics	silicone resin	-	1.986	0.86	1.14	8622	11496
gel	plastics	silicone resin	-	17.371	7.54	7.54	75420	75420
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.

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

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 Neubiberg
Internet	www.infineon.com