



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IKD10N60RC2	<b>Issued</b>	24. February 2022
<b>MA#</b>	MA005708721		
<b>Package</b>	PG-TO252-3-313	<b>Weight*</b>	317.34 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	0.990	0.31	0.31	3121	3121
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		139	
	non noble metal	iron	7439-89-6	0.147	0.05		464	
	non noble metal	copper	7440-50-8	147.096	46.35	46.41	463525	464128
wire	non noble metal	aluminium	7429-90-5	1.319	0.42	0.42	4155	4155
encapsulation	inorganic material	zinc oxide	1314-13-2	1.422	0.45		4480	
	miscellaneous	miscellaneous	-	7.109	2.24		22401	
	plastics	epoxy resin	-	21.327	6.72		67204	
	inorganic material	silicon dioxide	60676-86-0	112.321	35.39	44.80	353944	448029
lead finish	non noble metal	tin	7440-31-5	3.740	1.18	1.18	11786	11786
plating	inorganic material	phosphorus	7723-14-0	0.003			11	
	non noble metal	nickel	7440-02-0	1.421	0.45	0.45	4476	4487
solder	non noble metal	tin	7440-31-5	0.024	0.01		76	
	noble metal	silver	7440-22-4	0.030	0.01		95	
	non noble metal	lead	7439-92-1	1.147	0.36	0.38	3613	3784
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			18	
	non noble metal	iron	7439-89-6	0.019	0.01		61	
	non noble metal	copper	7440-50-8	19.177	6.04	6.05	60431	60510
*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.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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