

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKD15N60RC2	**Issued**	18. August 2021
MA#	MA005350176		
Package	PG-TO252-3-342	**Weight***	332.27 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	1.365	0.41	0.41	4107	4107
leadframe	inorganic material	phosphorus	7723-14-0	0.054	0.02		162	
	non noble metal	iron	7439-89-6	0.180	0.05		540	
	non noble metal	copper	7440-50-8	179.273	53.95	54.02	539536	540238
wire	non noble metal	aluminium	7429-90-5	1.325	0.40	0.40	3987	3987
encapsulation	organic material	carbon black	1333-86-4	0.433	0.13		1302	
	plastics	epoxy resin	-	16.873	5.08		50782	
	inorganic material	silicondioxide	60676-86-0	126.912	38.19	43.40	381949	434033
leadfinish	non noble metal	tin	7440-31-5	3.740	1.13	1.13	11256	11256
plating	non noble metal	nickel	7440-02-0	0.523	0.16	0.16	1575	1575
solder	non noble metal	tin	7440-31-5	0.032	0.01		96	
	noble metal	silver	7440-22-4	0.040	0.01		120	
	non noble metal	lead	7439-92-1	1.525	0.46	0.48	4588	4804
*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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