

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKD10N60RC2	**Issued**	16. May 2021
MA#	MA005350183		
Package	PG-TO252-3-342	**Weight***	331.88 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	0.30	0.30	2984	2984
leadframe	inorganic material	phosphorus	7723-14-0	0.054	0.02		162	
	non noble metal	iron	7439-89-6	0.180	0.05		541	
	non noble metal	copper	7440-50-8	179.273	54.00	54.07	540177	540880
wire	non noble metal	aluminium	7429-90-5	1.260	0.38	0.38	3797	3797
encapsulation	organic material	carbon black	1333-86-4	0.434	0.13		1308	
	plastics	epoxy resin	-	16.925	5.10		50997	
	inorganic material	silicondioxide	60676-86-0	127.299	38.36	43.59	383571	435876
leadfinish	non noble metal	tin	7440-31-5	3.740	1.13	1.13	11269	11269
plating	non noble metal	nickel	7440-02-0	0.523	0.16	0.16	1577	1577
solder	non noble metal	tin	7440-31-5	0.024	0.01		72	
	noble metal	silver	7440-22-4	0.030	0.01		90	
	non noble metal	lead	7439-92-1	1.147	0.35	0.37	3455	3617
*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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