

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKD04N60RC2	**Issued**	29. June 2021
MA#	MA004554204		
Package	PG-TO252-3-342	**Weight***	331.25 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	0.537	0.16	0.16	1623	1623
leadframe	inorganic material	phosphorus	7723-14-0	0.054	0.02		163	
	non noble metal	iron	7439-89-6	0.180	0.05		542	
	non noble metal	copper	7440-50-8	179.273	54.13	54.20	541205	541910
wire	non noble metal	aluminium	7429-90-5	0.629	0.19	0.19	1900	1900
encapsulation	organic material	carbon black	1333-86-4	0.437	0.13		1319	
	plastics	epoxy resin	-	17.035	5.14		51428	
	inorganic material	silicondioxide	60676-86-0	128.130	38.68	43.95	386808	439555
leadfinish	non noble metal	tin	7440-31-5	3.740	1.13	1.13	11291	11291
plating	non noble metal	nickel	7440-02-0	0.523	0.16	0.16	1580	1580
solder	non noble metal	tin	7440-31-5	0.014			43	
	noble metal	silver	7440-22-4	0.018	0.01		54	
	non noble metal	lead	7439-92-1	0.677	0.20	0.21	2044	2141
*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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