

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKD15N60RF	**Issued**	02. June 2021
MA#	MA001701938		
Package	PG-TO252-3-342	**Weight***	334.20 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	1.995	0.60	0.60	5968	5968
leadframe	inorganic material	phosphorus	7723-14-0	0.048	0.01		144	
	non noble metal	iron	7439-89-6	0.160	0.05		480	
	non noble metal	copper	7440-50-8	160.096	47.89	47.95	479043	479667
wire	non noble metal	aluminium	7429-90-5	1.228	0.37	0.37	3674	3674
encapsulation	organic material	carbon black	1333-86-4	1.161	0.35		3473	
	plastics	epoxy resin	-	16.250	4.86		48623	
	inorganic material	silicondioxide	60676-86-0	127.678	38.20	43.41	382040	434136
leadfinish	non noble metal	tin	7440-31-5	3.740	1.12	1.12	11191	11191
plating	non noble metal	nickel	7440-02-0	0.523	0.16	0.16	1566	1566
solder	non noble metal	tin	7440-31-5	0.042	0.01		127	
	noble metal	silver	7440-22-4	0.053	0.02		159	
	non noble metal	lead	7439-92-1	2.024	0.61	0.64	6055	6341
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			17	
	non noble metal	iron	7439-89-6	0.019	0.01		57	
	non noble metal	copper	7440-50-8	19.177	5.74	5.75	57383	57457
*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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