



Material Content Data Sheet



Halogen-Free

Sales Product Name	IKD03N60RF	Issued	12. May 2021
MA#	MA001701936		
Package	PG-TO252-3-342	Weight*	332.53 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	0.526	0.16	0.16	1582	1582
leadframe	inorganic material	phosphorus	7723-14-0	0.048	0.01		145	
	non noble metal	iron	7439-89-6	0.160	0.05		482	
	non noble metal	copper	7440-50-8	160.096	48.16	48.22	481448	482075
wire	non noble metal	aluminium	7429-90-5	0.153	0.05	0.05	459	459
encapsulation	organic material	carbon black	1333-86-4	1.179	0.35		3546	
	plastics	epoxy resin	-	16.510	4.96		49649	
	inorganic material	silicon dioxide	60676-86-0	129.721	39.01	44.32	390103	443298
leadfinish	non noble metal	tin	7440-31-5	3.740	1.12	1.12	11247	11247
plating	non noble metal	nickel	7440-02-0	0.523	0.16	0.16	1574	1574
solder	non noble metal	tin	7440-31-5	0.013			40	
	noble metal	silver	7440-22-4	0.017			50	
	non noble metal	lead	7439-92-1	0.641	0.19	0.19	1929	2019
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			17	
	non noble metal	iron	7439-89-6	0.019	0.01		58	
	non noble metal	copper	7440-50-8	19.177	5.77	5.78	57671	57746
*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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