



Material Content Data Sheet



Sales Product Name		IKD03N60RF		Issued		1. August 2018		
MA#		MA001701936						
Package		PG-TO252-3-342		Weight*		332.52 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	481460	482087
	non noble metal	aluminium	7429-90-5	0.144	0.04	0.04	433	433
wire	non noble metal	aluminium	7429-90-5	0.144	0.04	0.04	433	433
encapsulation	organic material	carbon black	1333-86-4	1.179	0.35		3546	
	plastics	epoxy resin	-	16.510	4.97		49651	
	inorganic material	silicondioxide	60676-86-0	129.721	39.01	44.33	390112	443309
leadfinish	non noble metal	tin	7440-31-5	3.740	1.12	1.12	11248	11248
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	0.00		40	
	noble metal	silver	7440-22-4	0.017	0.00		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	0.00		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	57673	57748
*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.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com