



Material Content Data Sheet



Halogen-Free

Sales Product Name	IKN04N60RC2	Issued	05. February 2022
MA#	MA003893698		
Package	PG-SOT223-3-1	Weight*	115.41 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	0.47	0.47	4657	4657
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		136	
	non noble metal	iron	7439-89-6	0.052	0.05		454	
	non noble metal	copper	7440-50-8	52.304	45.32	45.38	453192	453782
wires	noble metal	palladium	7440-05-3	0.001			10	
	non noble metal	copper	7440-50-8	0.116	0.10	0.10	1005	1015
encapsulation	organic material	carbon black	1333-86-4	0.180	0.16		1562	
	plastics	epoxy resin	-	7.032	6.09		60926	
	inorganic material	silicondioxide	60676-86-0	52.887	45.82	52.07	458243	520731
leadfinish	non noble metal	tin	7440-31-5	1.352	1.17	1.17	11716	11716
plating	noble metal	silver	7440-22-4	0.220	0.19	0.19	1911	1911
solder	non noble metal	tin	7440-31-5	0.014	0.01		124	
	noble metal	silver	7440-22-4	0.018	0.02		155	
	non noble metal	lead	7439-92-1	0.682	0.59	0.62	5909	6188
*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 Neubiberg
Internet	www.infineon.com