



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPN60R3K4CE	Issued	14. February 2022
MA#	MA005622463		
Package	PG-SOT223-3-1	Weight*	116.06 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	1.000	0.86	0.86	8612	8612
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		135	
	non noble metal	iron	7439-89-6	0.052	0.05		451	
	non noble metal	copper	7440-50-8	52.304	45.07	45.13	450656	451242
wire	non noble metal	copper	7440-50-8	0.104	0.09	0.09	895	895
encapsulation	organic material	carbon black	1333-86-4	0.179	0.15		1540	
	plastics	epoxy resin	-	6.970	6.01		60058	
	inorganic material	silicondioxide	60676-86-0	52.427	45.18	51.34	451721	513319
leadfinish	non noble metal	tin	7440-31-5	1.352	1.16	1.16	11650	11650
plating	noble metal	silver	7440-22-4	0.220	0.19	0.19	1900	1900
solder	non noble metal	tin	7440-31-5	0.029	0.02		248	
	noble metal	silver	7440-22-4	0.036	0.03		310	
	non noble metal	lead	7439-92-1	1.372	1.18	1.23	11824	12382
*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