

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPN60R2K0PFD7S	**Issued**	14. May 2021
MA#	MA003568488		
Package	PG-SOT223-3-1	**Weight***	115.96 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	0.842	0.73	0.73	7259	7259
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		136	
	non noble metal	iron	7439-89-6	0.052	0.05		452	
	non noble metal	copper	7440-50-8	52.304	45.11	45.17	451057	451645
wire	non noble metal	copper	7440-50-8	0.156	0.13	0.13	1341	1341
encapsulation	organic material	carbon black	1333-86-4	0.179	0.15		1545	
	plastics	epoxy resin	-	6.988	6.03		60261	
	inorganic material	silicondioxide	60676-86-0	52.558	45.32	51.50	453245	515051
leadfinish	non noble metal	tin	7440-31-5	1.352	1.17	1.17	11660	11660
plating	noble metal	silver	7440-22-4	0.220	0.19	0.19	1902	1902
solder	non noble metal	tin	7440-31-5	0.026	0.02		223	
	noble metal	silver	7440-22-4	0.032	0.03		279	
	non noble metal	lead	7439-92-1	1.234	1.06	1.11	10640	11142
*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