



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPN60R1K0PFD7S	Issued	11. August 2021
MA#	MA005537505		
Package	PG-SOT223-3-1	Weight*	116.40 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	1.225	1.05	1.05	10527	10527
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		135	
	non noble metal	iron	7439-89-6	0.052	0.04		450	
	non noble metal	copper	7440-50-8	52.304	44.95	45.00	449347	449932
wire	non noble metal	copper	7440-50-8	0.304	0.26	0.26	2615	2615
encapsulation	organic material	carbon black	1333-86-4	0.178	0.15		1528	
	plastics	epoxy resin	-	6.939	5.96		59611	
	inorganic material	silicondioxide	60676-86-0	52.189	44.84	50.95	448355	509494
leadfinish	non noble metal	tin	7440-31-5	1.352	1.16	1.16	11616	11616
plating	noble metal	silver	7440-22-4	0.220	0.19	0.19	1894	1894
solder	non noble metal	tin	7440-31-5	0.032	0.03		278	
	noble metal	silver	7440-22-4	0.041	0.03		348	
	non noble metal	lead	7439-92-1	1.548	1.33	1.39	13296	13922
*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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