



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ISP13DP06NMS	<b>Issued</b>	14. February 2022
<b>MA#</b>	MA005624643		
<b>Package</b>	PG-SOT223-3-1	<b>Weight*</b>	116.24 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	1.390	1.20	1.20	11962	11962
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	45.00	45.06	449977	450563
wire	non noble metal	copper	7440-50-8	0.166	0.14	0.14	1428	1428
encapsulation	organic material	carbon black	1333-86-4	0.178	0.15		1528	
	plastics	epoxy resin	-	6.928	5.96		59601	
	inorganic material	silicondioxide	60676-86-0	52.106	44.83	50.94	448277	509406
leadfinish	non noble metal	tin	7440-31-5	1.352	1.16	1.16	11632	11632
plating	noble metal	silver	7440-22-4	0.220	0.19	0.19	1897	1897
solder	non noble metal	tin	7440-31-5	0.030	0.03		262	
	noble metal	silver	7440-22-4	0.038	0.03		328	
	non noble metal	lead	7439-92-1	1.456	1.25	1.31	12522	13112
*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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