

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ISP25DP06NM	**Issued**	18. August 2021
MA#	MA005416278		
Package	PG-SOT223-4-21	**Weight***	113.66 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.013	0.01		119	
	noble metal	gold	7440-57-5	0.052	0.05		460	
	inorganic material	silicon	7440-21-3	0.798	0.70	0.76	7023	7602
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		89	
	non noble metal	titanium	7440-32-6	0.051	0.04		446	
	non noble metal	chromium	7440-47-3	0.152	0.13		1338	
	non noble metal	copper	7440-50-8	50.489	44.42	44.60	444229	446102
wire	non noble metal	copper	7440-50-8	0.098	0.09	0.09	864	864
encapsulation	inorganic material	zincoxide	1314-13-2	0.300	0.26		2640	
	organic material	carbon black	1333-86-4	0.600	0.53		5280	
	miscellaneous	miscellaneous	-	1.200	1.06		10561	
	plastics	epoxy resin	-	8.102	7.13		71285	
	inorganic material	silicondioxide	60676-86-0	49.812	43.83	52.81	438271	528037
leadfinish	non noble metal	tin	7440-31-5	1.464	1.29	1.29	12881	12881
plating	noble metal	silver	7440-22-4	0.513	0.45	0.45	4514	4514
*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.
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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 does not use any exemption.

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