

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSP321P H6327	**Issued**	02. April 2021
MA#	MA001623366		
Package	PG-SOT223-4-21	**Weight***	113.65 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	0.019	0.02		167	
	noble metal	gold	7440-57-5	0.074	0.06		648	
	inorganic material	silicon	7440-21-3	0.835	0.73	0.81	7344	8159
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	44.43	44.61	444236	446109
wire	non noble metal	copper	7440-50-8	0.058	0.05	0.05	509	509
encapsulation	inorganic material	zincoxide	1314-13-2	0.300	0.26		2639	
	organic material	carbon black	1333-86-4	0.600	0.53		5278	
	miscellaneous	miscellaneous	-	1.200	1.06		10557	
	plastics	epoxy resin	-	8.099	7.13		71257	
	inorganic material	silicondioxide	60676-86-0	49.791	43.81	52.79	438097	527828
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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