



Material Content Data Sheet



Halogen-Free

Sales Product Name	BSP315P H6327	Issued	02. April 2021
MA#	MA001623194		
Package	PG-SOT223-4-21	Weight*	113.57 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	0.008	0.01		73	
	noble metal	gold	7440-57-5	0.032	0.03		285	
	inorganic material	silicon	7440-21-3	0.367	0.32	0.36	3227	3585
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		1339	
	non noble metal	copper	7440-50-8	50.489	44.46	44.64	444576	446450
wire	non noble metal	copper	7440-50-8	0.104	0.09	0.09	912	912
encapsulation	inorganic material	zincoxide	1314-13-2	0.302	0.27		2658	
	organic material	carbon black	1333-86-4	0.604	0.53		5316	
	miscellaneous	miscellaneous	-	1.208	1.06		10633	
	plastics	epoxy resin	-	8.151	7.18		71772	
	inorganic material	silicondioxide	60676-86-0	50.113	44.13	53.17	441266	531645
leadfinish	non noble metal	tin	7440-31-5	1.464	1.29	1.29	12891	12891
plating	noble metal	silver	7440-22-4	0.513	0.45	0.45	4517	4517
*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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