



## Material Content Data Sheet



<b>Sales Product Name</b>		BSS315P H6327		<b>Issued</b>		19. July 2018			
<b>MA#</b>		MA001232388							
<b>Package</b>		PG-SOT23-3-5		<b>Weight*</b>		9.38 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	0.004	0.05		470		
	noble metal	gold	7440-57-5	0.017	0.18		1823		
	inorganic material	silicon	7440-21-3	0.194	2.07	2.30	20660	22953	
leadframe	non noble metal	chromium	7440-47-3	0.009	0.10		963		
	inorganic material	silicon	7440-21-3	0.001	0.01		64		
	non noble metal	titanium	7440-32-6	0.003	0.03		321		
	non noble metal	copper	7440-50-8	3.000	31.98	32.12	319761	321109	
wire	non noble metal	copper	7440-50-8	0.044	0.47	0.47	4698	4698	
	encapsulation	organic material	carbon black	1333-86-4	0.057	0.60		6050	
		plastics	epoxy resin	-	1.220	13.01		130071	
	inorganic material	silicondioxide	60676-86-0	4.399	46.88	60.49	468859	604980	
leadfinish	non noble metal	tin	7440-31-5	0.150	1.59	1.59	15948	15948	
plating	noble metal	silver	7440-22-4	0.284	3.03	3.03	30312	30312	
*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 does not use any exemption

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