



## Material Content Data Sheet



<b>Sales Product Name</b>		BSS225 H6327		<b>Issued</b>		22. January 2018			
<b>MA#</b>		MA001626728							
<b>Package</b>		PG-SOT89-4-2		<b>Weight*</b>		50.61 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	noble metal	gold	7440-57-5	0.037	0.07		725		
	non noble metal	tin	7440-31-5	0.009	0.02		187		
	inorganic material	silicon	7440-21-3	0.416	0.82	0.91	8212	9124	
leadframe	inorganic material	silicon	7440-21-3	0.004	0.01		85		
	non noble metal	titanium	7440-32-6	0.022	0.04		427		
	non noble metal	chromium	7440-47-3	0.065	0.13		1281		
	non noble metal	copper	7440-50-8	21.522	42.53	42.71	425258	427051	
wire	non noble metal	copper	7440-50-8	0.012	0.02	0.02	247	247	
encapsulation	organic material	carbon black	1333-86-4	0.274	0.54		5408		
	plastics	epoxy resin	-	4.105	8.11		81115		
	inorganic material	silicondioxide	60676-86-0	22.989	45.43	54.08	454245	540768	
leadfinish	non noble metal	tin	7440-31-5	0.801	1.58	1.58	15833	15833	
plating	noble metal	silver	7440-22-4	0.353	0.70	0.70	6977	6977	
*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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