



## Material Content Data Sheet



<b>Sales Product Name</b>		BSS87 H6327		<b>Issued</b>		27. September 2017			
<b>MA#</b>		MA001048174							
<b>Package</b>		PG-SOT89-4-2		<b>Weight*</b>		50.59 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	0.026	0.05		513		
	non noble metal	tin	7440-31-5	0.007	0.01		132		
	inorganic material	silicon	7440-21-3	0.294	0.58	0.64	5809	6454	
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		1282		
	non noble metal	copper	7440-50-8	21.522	42.54	42.72	425443	427237	
wire	non noble metal	copper	7440-50-8	0.012	0.02	0.02	245	245	
encapsulation	organic material	carbon black	1333-86-4	0.275	0.54		5430		
	plastics	epoxy resin	-	4.121	8.15		81457		
	inorganic material	silicondioxide	60676-86-0	23.076	45.63	54.32	456159	543046	
leadfinish	non noble metal	tin	7440-31-5	0.811	1.60	1.60	16038	16038	
plating	noble metal	silver	7440-22-4	0.353	0.70	0.70	6980	6980	
*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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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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