



## Material Content Data Sheet



<b>Sales Product Name</b>		BSS340NW H6327		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001425374						
<b>Package</b>		PG-SOT323-3-2		<b>Weight*</b>		6.16 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	0.001	0.02		201	
	noble metal	gold	7440-57-5	0.005	0.08		781	
	inorganic material	silicon	7440-21-3	0.073	1.19	1.29	11914	12896
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		86	
	non noble metal	titanium	7440-32-6	0.003	0.04		431	
	non noble metal	chromium	7440-47-3	0.008	0.13		1295	
	non noble metal	copper	7440-50-8	2.647	42.98	43.16	429705	431517
wire	non noble metal	copper	7440-50-8	0.005	0.08	0.08	834	834
encapsulation	organic material	carbon black	1333-86-4	0.031	0.50		4980	
	plastics	epoxy resin	-	0.660	10.71		107067	
	inorganic material	silicondioxide	60676-86-0	2.378	38.59	49.80	385940	497987
leadfinish	non noble metal	tin	7440-31-5	0.133	2.15	2.15	21540	21540
plating	noble metal	silver	7440-22-4	0.217	3.52	3.52	35226	35226
*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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