



## Material Content Data Sheet



<b>Sales Product Name</b>		BSP300 H6327		<b>Issued</b>		27. September 2017			
<b>MA#</b>		MA001092588							
<b>Package</b>		PG-SOT223-4-21		<b>Weight*</b>		114.06 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	inorganic material	silicon	7440-21-3	2.019	1.77	1.77	17706	17706	
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		89		
	non noble metal	titanium	7440-32-6	0.051	0.04		445		
	non noble metal	chromium	7440-47-3	0.152	0.13		1334		
wire	non noble metal	copper	7440-50-8	50.489	44.28	44.46	442673	444541	
	non noble metal	copper	7440-50-8	0.016	0.01	0.01	140	140	
	encapsulation	organic material	carbon black	1333-86-4	0.586	0.51		5141	
plastics		epoxy resin	-	8.796	7.71		77116		
	inorganic material	silicondioxide	60676-86-0	49.255	43.19	51.41	431851	514108	
leadfinish	non noble metal	tin	7440-31-5	1.464	1.28	1.28	12836	12836	
plating	noble metal	silver	7440-22-4	0.513	0.45	0.45	4498	4498	
glue	plastics	epoxy resin	-	0.123	0.11		1080		
	noble metal	silver	7440-22-4	0.581	0.51	0.62	5091	6171	
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com