



## Material Content Data Sheet



<b>Sales Product Name</b>		BAS 40-04 E6327		<b>Issued</b>		5. May 2016			
<b>MA#</b>		MA000250422							
<b>Package</b>		PG-SOT23-3-3		<b>Weight*</b>		8.67 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	0.006	0.07		691		
	non noble metal	arsenic	7440-38-2	0.000	0.00		7		
	inorganic material	silicon	7440-21-3	0.051	0.59	0.66	5897	6595	
leadframe	non noble metal	nickel	7440-02-0	1.142	13.17		131717		
	non noble metal	iron	7439-89-6	1.578	18.19	31.36	181895	313612	
wire	noble metal	gold	7440-57-5	0.017	0.20	0.20	1976	1976	
encapsulation	organic material	carbon black	1333-86-4	0.090	1.04		10372		
	inorganic material	antimonytrioxide	1309-64-4	0.135	1.56		15558		
	plastics	brominated resin	-	0.169	1.94		19447		
	plastics	epoxy resin	-	1.406	16.21		162058		
	inorganic material	silicondioxide	60676-86-0	3.823	44.07	64.82	440800	648235	
leadfinish	non noble metal	tin	7440-31-5	0.150	1.73	1.73	17253	17253	
plating	noble metal	silver	7440-22-4	0.107	1.23	1.23	12329	12329	
*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 2011/65/EU (RoHS) and does not use any exemption.

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