



## Material Content Data Sheet



<b>Sales Product Name</b>				BAS 40-06 E6327		<b>Issued</b>		1. August 2018	
<b>MA#</b>				MA000480986					
<b>Package</b>				PG-SOT23-3-11		<b>Weight*</b>		8.80 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip_1	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.003	0.03		340		
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2905	3248	
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.003	0.03		340		
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2905	3248	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62		
	non noble metal	titanium	7440-32-6	0.003	0.03		309		
	non noble metal	chromium	7440-47-3	0.008	0.09		925		
	non noble metal	copper	7440-50-8	2.704	30.72	30.85	307170	308466	
wire	noble metal	gold	7440-57-5	0.010	0.12	0.12	1190	1190	
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6557		
	plastics	brominated resin	-	0.087	0.98		9836		
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13114		
	plastics	epoxy resin	-	1.241	14.10		140978		
	inorganic material	silicondioxide	60676-86-0	4.272	48.53	65.58	485226	655711	
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16997	16997	
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11140	11140	
*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