



## Material Content Data Sheet



<b>Sales Product Name</b>		BAV 170 E6327		<b>Issued</b>		26. September 2017		
<b>MA#</b>		MA000484672						
<b>Package</b>		PG-SOT23-3-11		<b>Weight*</b>		8.81 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000	0.00		7	
	noble metal	gold	7440-57-5	0.006	0.07		680	
	inorganic material	silicon	7440-21-3	0.051	0.58	0.65	5809	6496
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		308	
	non noble metal	chromium	7440-47-3	0.008	0.09		925	
	non noble metal	copper	7440-50-8	2.704	30.71	30.84	307127	308422
wire	noble metal	gold	7440-57-5	0.012	0.13	0.13	1344	1344
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6556	
	plastics	brominated resin	-	0.087	0.98		9834	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13112	
	plastics	epoxy resin	-	1.241	14.10		140955	
	inorganic material	silicondioxide	60676-86-0	4.272	48.52	65.57	485147	655604
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16995	16995
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11139	11139
*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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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