



## Material Content Data Sheet



<b>Sales Product Name</b>		BAV 70 E6327		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA000960694						
<b>Package</b>		PG-SOT23-3-16		<b>Weight*</b>		8.82 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		5	
	noble metal	gold	7440-57-5	0.004	0.05		458	
	inorganic material	silicon	7440-21-3	0.035	0.39	0.44	3912	4375
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		311	
	non noble metal	chromium	7440-47-3	0.008	0.09		933	
	non noble metal	copper	7440-50-8	2.731	30.96	31.09	309552	310858
wire	noble metal	gold	7440-57-5	0.011	0.13	0.13	1286	1286
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6552	
	plastics	brominated resin	-	0.087	0.98		9828	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.31		13105	
	plastics	epoxy resin	-	1.243	14.09		140873	
	inorganic material	silicondioxide	60676-86-0	4.277	48.47	65.51	484866	655224
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16963	16963
plating	noble metal	silver	7440-22-4	0.100	1.13	1.13	11294	11294
*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

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