



## Material Content Data Sheet



<b>Sales Product Name</b>		BC 848B E6327		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA000540388						
<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		3	
	noble metal	gold	7440-57-5	0.003	0.03		332	
	inorganic material	silicon	7440-21-3	0.025	0.28	0.31	2840	3175
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	309564	310870
wire	noble metal	gold	7440-57-5	0.014	0.16	0.16	1623	1623
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6561	
	plastics	brominated resin	-	0.087	0.98		9841	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.31		13121	
	plastics	epoxy resin	-	1.244	14.11		141056	
	inorganic material	silicondioxide	60676-86-0	4.283	48.55	65.61	485496	656075
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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