



## Material Content Data Sheet



<b>Sales Product Name</b>		BC 850CW H6327		<b>Issued</b>		20. July 2018			
<b>MA#</b>		MA000854922							
<b>Package</b>		PG-SOT323-3-1		<b>Weight*</b>		5.96 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	0.003	0.05		493		
	inorganic material	silicon	7440-21-3	0.025	0.42	0.47	4207	4705	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		88		
	non noble metal	titanium	7440-32-6	0.003	0.04		441		
	non noble metal	chromium	7440-47-3	0.008	0.13		1324		
	non noble metal	copper	7440-50-8	2.617	43.95	44.13	439446	441299	
wire	non noble metal	copper	7440-50-8	0.006	0.10	0.10	973	973	
encapsulation	organic material	carbon black	1333-86-4	0.032	0.53		5291		
	plastics	epoxy resin	-	0.677	11.37		113748		
	inorganic material	silicondioxide	60676-86-0	2.442	41.00	52.90	410020	529059	
leadfinish	non noble metal	tin	7440-31-5	0.133	2.23	2.23	22283	22283	
plating	noble metal	silver	7440-22-4	0.010	0.17	0.17	1681	1681	
*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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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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