



## Material Content Data Sheet



<b>Sales Product Name</b>		BC 818K-40 E6327		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA000504310						
<b>Package</b>		PG-SOT23-3-16		<b>Weight*</b>		8.83 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		8	
	noble metal	gold	7440-57-5	0.007	0.08		800	
	inorganic material	silicon	7440-21-3	0.060	0.68	0.76	6829	7637
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		310	
	non noble metal	chromium	7440-47-3	0.008	0.09		932	
	non noble metal	copper	7440-50-8	2.731	30.92	31.05	309199	310503
wire	noble metal	gold	7440-57-5	0.013	0.15	0.15	1523	1523
encapsulation	organic material	carbon black	1333-86-4	0.058	0.65		6521	
	plastics	brominated resin	-	0.086	0.98		9782	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.30		13042	
	plastics	epoxy resin	-	1.238	14.02		140204	
	inorganic material	silicondioxide	60676-86-0	4.262	48.27	65.22	482564	652113
leadfinish	non noble metal	tin	7440-31-5	0.150	1.69	1.69	16943	16943
plating	noble metal	silver	7440-22-4	0.100	1.13	1.13	11281	11281
*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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