



## Material Content Data Sheet



<b>Sales Product Name</b>		BC 817U E6327		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA000959894						
<b>Package</b>		PG-SC74-6-1		<b>Weight*</b>		12.25 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		21	
	noble metal	gold	7440-57-5	0.026	0.21		2097	
	inorganic material	silicon	7440-21-3	0.219	1.79	2.00	17913	20031
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		381	
	non noble metal	chromium	7440-47-3	0.014	0.11		1142	
	non noble metal	copper	7440-50-8	4.643	37.90	38.06	378969	380568
wire	noble metal	gold	7440-57-5	0.030	0.24	0.24	2416	2416
encapsulation	organic material	carbon black	1333-86-4	0.055	0.45		4510	
	plastics	brominated resin	-	0.069	0.56		5638	
	inorganic material	antimonytrioxide	1309-64-4	0.138	1.13		11275	
	plastics	epoxy resin	-	1.464	11.95		119518	
	inorganic material	silicondioxide	60676-86-0	5.180	42.29	56.38	422826	563767
leadfinish	non noble metal	tin	7440-31-5	0.299	2.44	2.44	24441	24441
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8777	8777
*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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