



Material Content Data Sheet



Sales Product Name		BC 846U E6327		Issued		27. September 2017		
MA#		MA000929916						
Package		PG-SC74-6-1		Weight*		12.19 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.006	0.05		481	
	non noble metal	arsenic	7440-38-2	0.000	0.00		5	
	inorganic material	silicon	7440-21-3	0.050	0.41	0.46	4109	4595
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		77	
	non noble metal	titanium	7440-32-6	0.005	0.04		382	
	non noble metal	chromium	7440-47-3	0.014	0.11		1147	
	non noble metal	copper	7440-50-8	4.643	38.08	38.24	380768	382374
wire	noble metal	gold	7440-57-5	0.022	0.18	0.18	1785	1785
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4623	
	plastics	brominated resin	-	0.070	0.58		5779	
	inorganic material	antimonytrioxide	1309-64-4	0.141	1.16		11557	
	plastics	epoxy resin	-	1.494	12.25		122509	
	inorganic material	silicondioxide	60676-86-0	5.285	43.33	57.78	433403	577871
leadfinish	non noble metal	tin	7440-31-5	0.299	2.46	2.46	24557	24557
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8818	8818
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com