



Material Content Data Sheet



Sales Product Name	BC 846U E6327	Issued	03. May 2021
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_1	non noble metal	arsenic	7440-38-2	0.000			2	
	noble metal	gold	7440-57-5	0.003	0.02		241	
	inorganic material	silicon	7440-21-3	0.025	0.21	0.23	2055	2298
chip_2	non noble metal	arsenic	7440-38-2	0.000			2	
	noble metal	gold	7440-57-5	0.003	0.02		241	
	inorganic material	silicon	7440-21-3	0.025	0.21	0.23	2055	2298
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	380778	382384
wire	noble metal	gold	7440-57-5	0.021	0.18	0.18	1755	1755
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		11558	
	plastics	epoxy resin	-	1.494	12.25		122513	
	inorganic material	silicondioxide	60676-86-0	5.285	43.33	57.78	433416	577889
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	8819	8819
*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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