



Material Content Data Sheet



Sales Product Name	BC 846UPN E6327	Issued	03. May 2021
MA#	MA000963708		
Package	PG-SC74-6-1	Weight*	12.21 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			4	
	noble metal	gold	7440-57-5	0.005	0.04		375	
	inorganic material	silicon	7440-21-3	0.039	0.32	0.36	3207	3586
chip_2	non noble metal	arsenic	7440-38-2	0.000			4	
	noble metal	gold	7440-57-5	0.005	0.04		375	
	inorganic material	silicon	7440-21-3	0.039	0.32	0.36	3207	3586
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		382	
	non noble metal	chromium	7440-47-3	0.014	0.11		1146	
	non noble metal	copper	7440-50-8	4.643	38.04	38.20	380357	381961
wire	noble metal	gold	7440-57-5	0.027	0.22	0.22	2212	2212
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4603	
	plastics	brominated resin	-	0.070	0.58		5753	
	inorganic material	antimonytrioxide	1309-64-4	0.140	1.15		11506	
	plastics	epoxy resin	-	1.489	12.20		121967	
	inorganic material	silicondioxide	60676-86-0	5.267	43.14	57.53	431487	575316
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24530	24530
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8809	8809
*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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