



Material Content Data Sheet



Sales Product Name		BC 846UPN E6327		Issued		31. July 2018		
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	0.00		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	0.00		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:

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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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