

Material Content Data Sheet

RoHS

Sales Product Name	BC 817UPN E6327	**Issued**	02. June 2021
MA#	MA000960448		
Package	PG-SC74-6-1	**Weight***	12.25 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			11	
	noble metal	gold	7440-57-5	0.013	0.10		1049	
	inorganic material	silicon	7440-21-3	0.110	0.90	1.00	8957	10017
chip_2	non noble metal	arsenic	7440-38-2	0.000			11	
	noble metal	gold	7440-57-5	0.013	0.10		1049	
	inorganic material	silicon	7440-21-3	0.110	0.90	1.00	8957	10017
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	378990	380589
wire	noble metal	gold	7440-57-5	0.029	0.24	0.24	2356	2356
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		11276	
	plastics	epoxy resin	-	1.464	11.95		119526	
	inorganic material	silicondioxide	60676-86-0	5.180	42.29	56.38	422852	563802
leadfinish	non noble metal	tin	7440-31-5	0.299	2.44	2.44	24442	24442
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:

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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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