



## Material Content Data Sheet



<b>Sales Product Name</b>		BC 846UPN E6327		<b>Issued</b>		29. August 2013		
<b>MA#</b>		MA000963708						
<b>Package</b>		PG-SC74-6-1		<b>Weight*</b>		12.21 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		526	
	non noble metal	tin	7440-31-5	0.002	0.01		136	
	inorganic material	silicon	7440-21-3	0.078	0.64	0.70	6414	7076
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	380401	382005
wire	noble metal	gold	7440-57-5	0.027	0.22	0.22	2190	2190
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4603	
	plastics	brominated resin	-	0.070	0.58		5754	
	inorganic material	antimonytrioxide	1309-64-4	0.140	1.15		11508	
	plastics	epoxy resin	-	1.489	12.20		121982	
	inorganic material	silicondioxide	60676-86-0	5.267	43.16	57.55	431539	575386
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24533	24533
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8810	8810
*deviation	< 10%		Sum in total:			100,00		1000000

### Important Remarks:

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