



Material Content Data Sheet



Sales Product Name				BC 856U E6327		Issued		31. July 2018	
MA#				MA000930128					
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	380394	381998	
wire	noble metal	gold	7440-57-5	0.026	0.21	0.21	2106	2106	
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		121981		
	inorganic material	silicondioxide	60676-86-0	5.267	43.15	57.54	431536	575382	
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24532	24532	
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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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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