



Material Content Data Sheet



Sales Product Name		BC 847PN H6327		Issued		25. September 2017		
MA#		MA000844300						
Package		PG-SOT363-6-1		Weight*		6.28 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000	0.00		15	
	noble metal	gold	7440-57-5	0.009	0.15		1459	
	inorganic material	silicon	7440-21-3	0.078	1.25	1.40	12464	13938
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		92	
	non noble metal	titanium	7440-32-6	0.003	0.05		459	
	non noble metal	chromium	7440-47-3	0.009	0.14		1376	
	non noble metal	copper	7440-50-8	2.869	45.67	45.87	456786	458713
wire	non noble metal	copper	7440-50-8	0.010	0.17	0.17	1654	1654
encapsulation	organic material	carbon black	1333-86-4	0.030	0.48		4828	
	plastics	epoxy resin	-	0.652	10.38		103802	
	inorganic material	silicondioxide	60676-86-0	2.350	37.42	48.28	374169	482799
leadfinish	non noble metal	tin	7440-31-5	0.213	3.39	3.39	33947	33947
plating	noble metal	silver	7440-22-4	0.056	0.89	0.89	8949	8949
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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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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