



## Material Content Data Sheet



<b>Sales Product Name</b>		BAS 40-07W H6327		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA000844194						
<b>Package</b>		PG-SOT343-4-3		<b>Weight*</b>		6.76 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	0.09		886	
	non noble metal	arsenic	7440-38-2	0.000	0.00		9	
	inorganic material	silicon	7440-21-3	0.051	0.76	0.85	7564	8459
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		96	
	non noble metal	titanium	7440-32-6	0.003	0.05		481	
	non noble metal	chromium	7440-47-3	0.010	0.14		1443	
	non noble metal	copper	7440-50-8	3.239	47.90	48.10	479049	481069
wire	non noble metal	copper	7440-50-8	0.004	0.06	0.06	580	580
encapsulation	organic material	carbon black	1333-86-4	0.031	0.45		4511	
	plastics	epoxy resin	-	0.656	9.70		96984	
	inorganic material	silicondioxide	60676-86-0	2.364	34.96	45.11	349595	451090
leadfinish	non noble metal	tin	7440-31-5	0.199	2.95	2.95	29462	29462
plating	noble metal	silver	7440-22-4	0.198	2.93	2.93	29340	29340
*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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