



## Material Content Data Sheet



<b>Sales Product Name</b>		BAS 40-07 E6327		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA000768450						
<b>Package</b>		PG-SOT143-4-1		<b>Weight*</b>		11.07 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		5	
	noble metal	gold	7440-57-5	0.006	0.05		541	
	inorganic material	silicon	7440-21-3	0.051	0.46	0.51	4621	5167
leadframe	non noble metal	nickel	7440-02-0	1.673	15.11		151114	
	non noble metal	iron	7439-89-6	2.310	20.87	35.98	208681	359795
wire	noble metal	gold	7440-57-5	0.012	0.11	0.11	1096	1096
encapsulation	organic material	carbon black	1333-86-4	0.104	0.94		9392	
	inorganic material	antimonytrioxide	1309-64-4	0.156	1.41		14087	
	plastics	brominated resin	-	0.195	1.76		17609	
	plastics	epoxy resin	-	1.624	14.67		146743	
	inorganic material	silicondioxide	60676-86-0	4.418	39.92	58.70	399141	586972
leadfinish	non noble metal	tin	7440-31-5	0.217	1.96	1.96	19568	19568
plating	noble metal	silver	7440-22-4	0.303	2.74	2.74	27402	27402
*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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