



## Material Content Data Sheet



<b>Sales Product Name</b>		SMBT 3906S H6327		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA000859868						
<b>Package</b>		PG-SOT363-6-1		<b>Weight*</b>		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		17	
	noble metal	gold	7440-57-5	0.010	0.16		1634	
	inorganic material	silicon	7440-21-3	0.088	1.40	1.56	13954	15605
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		92	
	non noble metal	titanium	7440-32-6	0.003	0.05		458	
	non noble metal	chromium	7440-47-3	0.009	0.14		1376	
	non noble metal	copper	7440-50-8	2.869	45.66	45.86	456582	458508
wire	non noble metal	copper	7440-50-8	0.010	0.16	0.16	1649	1649
encapsulation	organic material	carbon black	1333-86-4	0.030	0.48		4814	
	plastics	epoxy resin	-	0.650	10.35		103493	
	inorganic material	silicondioxide	60676-86-0	2.344	37.31	48.14	373054	481361
leadfinish	non noble metal	tin	7440-31-5	0.213	3.39	3.39	33932	33932
plating	noble metal	silver	7440-22-4	0.056	0.89	0.89	8945	8945
*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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