



## Material Content Data Sheet



<b>Sales Product Name</b>		SMBT 3904 E6327		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA000438372						
<b>Package</b>		PG-SOT23-3-16		<b>Weight*</b>		8.82 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	0.003	0.04		362	
	non noble metal	arsenic	7440-38-2	0.000	0.00		4	
	inorganic material	silicon	7440-21-3	0.027	0.31	0.35	3095	3461
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		933	
	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		311	
wire	non noble metal	copper	7440-50-8	2.731	30.95	31.08	309536	310842
	noble metal	gold	7440-57-5	0.014	0.16	0.16	1631	1631
	encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6558
encapsulation	plastics	brominated resin	-	0.087	0.98		9837	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.31		13116	
	plastics	epoxy resin	-	1.244	14.10		140999	
	inorganic material	silicondioxide	60676-86-0	4.281	48.53	65.58	485301	655811
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16962	16962
plating	noble metal	silver	7440-22-4	0.100	1.13	1.13	11293	11293
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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