



## Material Content Data Sheet



<b>Sales Product Name</b>		SMBD 914 E6327		<b>Issued</b>		2. August 2018		
<b>MA#</b>		MA000551308						
<b>Package</b>		PG-SOT23-3-16		<b>Weight*</b>		8.81 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		2	
	noble metal	gold	7440-57-5	0.002	0.02		229	
	inorganic material	silicon	7440-21-3	0.017	0.20	0.22	1958	2189
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		311	
	non noble metal	chromium	7440-47-3	0.008	0.09		934	
	non noble metal	copper	7440-50-8	2.731	30.99	31.12	309878	311185
wire	noble metal	gold	7440-57-5	0.007	0.08	0.08	813	813
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6575	
	plastics	brominated resin	-	0.087	0.99		9863	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.32		13151	
	plastics	epoxy resin	-	1.246	14.14		141368	
	inorganic material	silicondioxide	60676-86-0	4.288	48.64	65.75	486570	657527
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16981	16981
plating	noble metal	silver	7440-22-4	0.100	1.13	1.13	11305	11305
*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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