



Material Content Data Sheet



Sales Product Name		SMBD 7000 E6327		Issued		2. August 2018		
MA#		MA000521948						
Package		PG-SOT23-3-16		Weight*		8.82 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	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	1956	2187
chip_2	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	1956	2187
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		932	
	non noble metal	copper	7440-50-8	2.731	30.95	31.08	309513	310818
wire	noble metal	gold	7440-57-5	0.013	0.14	0.14	1429	1429
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6551	
	plastics	brominated resin	-	0.087	0.98		9827	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.31		13103	
	plastics	epoxy resin	-	1.243	14.09		140852	
	inorganic material	silicondioxide	60676-86-0	4.277	48.47	65.51	484793	655126
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16961	16961
plating	noble metal	silver	7440-22-4	0.100	1.13	1.13	11292	11292
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com