



Material Content Data Sheet



Sales Product Name		BAS 40-05 E6327		Issued		27. September 2017		
MA#		MA000503736						
Package		PG-SOT23-3-11		Weight*		8.80 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		7	
	noble metal	gold	7440-57-5	0.006	0.07		680	
	inorganic material	silicon	7440-21-3	0.051	0.58	0.65	5810	6497
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		308	
	non noble metal	chromium	7440-47-3	0.008	0.09		925	
	non noble metal	copper	7440-50-8	2.704	30.72	30.85	307164	308459
wire	noble metal	gold	7440-57-5	0.011	0.12	0.12	1211	1211
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6557	
	plastics	brominated resin	-	0.087	0.98		9835	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13114	
	plastics	epoxy resin	-	1.241	14.10		140975	
	inorganic material	silicondioxide	60676-86-0	4.272	48.52	65.57	485215	655696
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16997	16997
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11140	11140
*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