



Material Content Data Sheet



Sales Product Name		BAS 16-03W E6327		Issued		27. September 2017		
MA#		MA000962006						
Package		PG-SOD323-2-1		Weight*		4.45 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	0.002	0.05		454	
	non noble metal	arsenic	7440-38-2	0.000	0.00		4	
	inorganic material	silicon	7440-21-3	0.017	0.39	0.44	3876	4334
leadframe	non noble metal	chromium	7440-47-3	0.004	0.09		939	
	inorganic material	silicon	7440-21-3	0.000	0.01		63	
	non noble metal	titanium	7440-32-6	0.001	0.03		313	
	non noble metal	copper	7440-50-8	1.387	31.16	31.29	311600	312915
wire	noble metal	gold	7440-57-5	0.005	0.12	0.12	1231	1231
	encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.032	0.72		7208
	organic material	carbon black	1333-86-4	0.032	0.72		7208	
	plastics	brominated resin	-	0.079	1.77		17693	
	plastics	epoxy resin	-	0.732	16.45		164482	
	inorganic material	silicondioxide	60676-86-0	2.042	45.87	65.53	458715	655306
leadfinish	non noble metal	tin	7440-31-5	0.076	1.71	1.71	17105	17105
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9109	9109
*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