



## Material Content Data Sheet



<b>Sales Product Name</b>		BAS 16U E6327		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA000955310						
<b>Package</b>		PG-SC74-6-2		<b>Weight*</b>		12.18 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	0.006	0.05		498	
	non noble metal	arsenic	7440-38-2	0.000	0.00		5	
	inorganic material	silicon	7440-21-3	0.052	0.42	0.47	4250	4753
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		381	
	non noble metal	chromium	7440-47-3	0.014	0.11		1144	
	non noble metal	copper	7440-50-8	4.627	37.98	38.14	379824	381425
wire	noble metal	gold	7440-57-5	0.018	0.14	0.14	1450	1450
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4629	
	plastics	brominated resin	-	0.070	0.58		5786	
	inorganic material	antimonytrioxide	1309-64-4	0.141	1.16		11572	
	plastics	epoxy resin	-	1.494	12.27		122658	
	inorganic material	silicondioxide	60676-86-0	5.286	43.40	57.87	433933	578578
leadfinish	non noble metal	tin	7440-31-5	0.299	2.46	2.46	24581	24581
plating	noble metal	silver	7440-22-4	0.112	0.92	0.92	9213	9213
*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.
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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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