



## Material Content Data Sheet



<b>Sales Product Name</b>				SMBTA 06UPN E6327		<b>Issued</b>		27. September 2017	
<b>MA#</b>				MA000929920					
<b>Package</b>				PG-SC74-6-1		<b>Weight*</b>		12.24 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		21		
	noble metal	gold	7440-57-5	0.026	0.21		2099		
	inorganic material	silicon	7440-21-3	0.219	1.79	2.00	17924	20044	
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		1142		
	non noble metal	copper	7440-50-8	4.643	37.92	38.08	379194	380793	
wire	noble metal	gold	7440-57-5	0.022	0.18	0.18	1762	1762	
encapsulation	organic material	carbon black	1333-86-4	0.055	0.45		4513		
	plastics	brominated resin	-	0.069	0.56		5642		
	inorganic material	antimonytrioxide	1309-64-4	0.138	1.13		11283		
	plastics	epoxy resin	-	1.464	11.96		119603		
	inorganic material	silicondioxide	60676-86-0	5.181	42.31	56.41	423123	564164	
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24455	24455	
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8782	8782	
*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