



## Material Content Data Sheet



<b>Sales Product Name</b>				SMBTA 06UPN E6327		<b>Issued</b>		31. July 2018	
<b>MA#</b>				MA000929920					
<b>Package</b>				PG-SC74-6-1		<b>Weight*</b>		12.25 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		11		
	noble metal	gold	7440-57-5	0.013	0.10		1049		
	inorganic material	silicon	7440-21-3	0.110	0.90	1.00	8957	10017	
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		11		
	noble metal	gold	7440-57-5	0.013	0.10		1049		
	inorganic material	silicon	7440-21-3	0.110	0.90	1.00	8957	10017	
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	37.90	38.06	378990	380589	
wire	noble metal	gold	7440-57-5	0.029	0.24	0.24	2356	2356	
encapsulation	organic material	carbon black	1333-86-4	0.055	0.45		4510		
	plastics	brominated resin	-	0.069	0.56		5638		
	inorganic material	antimonytrioxide	1309-64-4	0.138	1.13		11276		
	plastics	epoxy resin	-	1.464	11.95		119526		
	inorganic material	silicondioxide	60676-86-0	5.180	42.29	56.38	422852	563802	
leadfinish	non noble metal	tin	7440-31-5	0.299	2.44	2.44	24442	24442	
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8777	8777	
*deviation	< 10%		Sum in total:			100.00		1000000	

### Important Remarks:

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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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