



Material Content Data Sheet



Sales Product Name				SMBT 3904UPN E6327		Issued		31. July 2018	
MA#				MA000957592					
Package				PG-SC74-6-1		Weight*		12.21 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		4		
	noble metal	gold	7440-57-5	0.005	0.04		420		
	inorganic material	silicon	7440-21-3	0.044	0.36	0.40	3591	4015	
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		4		
	noble metal	gold	7440-57-5	0.005	0.04		420		
	inorganic material	silicon	7440-21-3	0.044	0.36	0.40	3591	4015	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76		
	non noble metal	titanium	7440-32-6	0.005	0.04		382		
	non noble metal	chromium	7440-47-3	0.014	0.11		1146		
	non noble metal	copper	7440-50-8	4.643	38.03	38.19	380254	381858	
wire	noble metal	gold	7440-57-5	0.028	0.23	0.23	2255	2255	
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4596		
	plastics	brominated resin	-	0.070	0.57		5745		
	inorganic material	antimonytrioxide	1309-64-4	0.140	1.15		11491		
	plastics	epoxy resin	-	1.487	12.18		121800		
	inorganic material	silicondioxide	60676-86-0	5.261	43.09	57.45	430896	574528	
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24523	24523	
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8806	8806	
*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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