



Material Content Data Sheet



Sales Product Name				BAS 40-05 E6327		Issued		1. August 2018	
MA#				MA000503736					
Package				PG-SOT23-3-11		Weight*		8.80 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		3		
	noble metal	gold	7440-57-5	0.003	0.03		340		
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2905	3248	
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.003	0.03		340		
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2905	3248	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62		
	non noble metal	titanium	7440-32-6	0.003	0.03		309		
	non noble metal	chromium	7440-47-3	0.008	0.09		925		
	non noble metal	copper	7440-50-8	2.704	30.72	30.85	307164	308460	
wire	noble metal	gold	7440-57-5	0.011	0.12	0.12	1211	1211	
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6557		
	plastics	brominated resin	-	0.087	0.98		9835		
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13114		
	plastics	epoxy resin	-	1.241	14.10		140975		
	inorganic material	silicondioxide	60676-86-0	4.272	48.53	65.58	485215	655696	
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16997	16997	
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11140	11140	
*deviation	< 10%		Sum in total:			100.00		1000000	

Important Remarks:

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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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