



Material Content Data Sheet



Sales Product Name				BTS50040-2SFA		Issued		3. July 2019	
MA#				MA001339134					
Package				PG-DSO-36-44		Weight*		629.50 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip_1	inorganic material	silicon	7440-21-3	10.206	1.62	1.62	16213	16213	
chip_2	inorganic material	silicon	7440-21-3	3.024	0.48	0.48	4803	4803	
leadframe	inorganic material	phosphorus	7723-14-0	0.059	0.01		94		
	non noble metal	zinc	7440-66-6	0.236	0.04		374		
	non noble metal	iron	7439-89-6	4.713	0.75		7487		
wire	non noble metal	copper	7440-50-8	191.374	30.40	31.20	304008	311963	
	noble metal	gold	7440-57-5	0.491	0.08		779		
	non noble metal	aluminium	7429-90-5	3.247	0.52	0.60	5159	5938	
encapsulation	organic material	carbon black	1333-86-4	0.810	0.13		1286		
	plastics	epoxy resin	-	57.889	9.20		91959		
	inorganic material	silicondioxide	60676-86-0	346.118	54.97	64.30	549827	643072	
leadfinish	non noble metal	tin	7440-31-5	4.833	0.77	0.77	7678	7678	
plating	noble metal	silver	7440-22-4	3.417	0.54	0.54	5429	5429	
glue	plastics	epoxy resin	-	0.540	0.09		858		
	noble metal	silver	7440-22-4	2.547	0.40	0.49	4046	4904	
*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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