



Material Content Data Sheet



Sales Product Name	BTS50040-2SFA			Issued	20. July 2018			
MA#	MA001433514							
Package	PG-DSO-36-44			Weight*	636.23 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	13.230	2.08	2.08	20794	20794
leadframe	inorganic material	phosphorus	7723-14-0	0.059	0.01		93	
	non noble metal	zinc	7440-66-6	0.236	0.04		370	
	non noble metal	iron	7439-89-6	4.713	0.74		7408	
wire	non noble metal	copper	7440-50-8	191.374	30.08	30.87	300793	308664
	noble metal	gold	7440-57-5	4.922	0.77		7735	
	non noble metal	aluminium	7429-90-5	33.075	5.20	5.97	51985	59720
encapsulation	organic material	carbon black	1333-86-4	0.755	0.12		1186	
	plastics	epoxy resin	-	53.952	8.48		84799	
	inorganic material	silicondioxide	60676-86-0	322.580	50.70	59.30	507016	593001
leadfinish	non noble metal	tin	7440-31-5	4.833	0.76	0.76	7597	7597
plating	noble metal	silver	7440-22-4	3.417	0.54	0.54	5371	5371
glue	plastics	epoxy resin	-	0.540	0.08		849	
	noble metal	silver	7440-22-4	2.547	0.40	0.48	4004	4853
*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.
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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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