

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS50040-2SFA	**Issued**	08. February 2022
MA#	MA002313908		
Package	PG-DSO-36-44	**Weight***	630.32 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	3.024	0.48	0.48	4797	4797
chip_2	inorganic material	silicon	7440-21-3	10.206	1.62	1.62	16192	16192
leadframe	inorganic material	phosphorus	7723-14-0	0.059	0.01		93	
	non noble metal	zinc	7440-66-6	0.236	0.04		374	
	non noble metal	iron	7439-89-6	4.713	0.75		7477	
	non noble metal	copper	7440-50-8	191.374	30.36	31.16	303615	311559
wire	noble metal	gold	7440-57-5	0.492	0.08		781	
	non noble metal	aluminium	7429-90-5	4.115	0.65	0.73	6529	7310
encapsulation	organic material	carbon black	1333-86-4	0.810	0.13		1284	
	plastics	epoxy resin	-	57.881	9.18		91828	
	inorganic material	silicondioxide	60676-86-0	346.071	54.90	64.21	549042	642154
leadfinish	non noble metal	tin	7440-31-5	4.833	0.77	0.77	7668	7668
plating	noble metal	silver	7440-22-4	3.417	0.54	0.54	5422	5422
glue	plastics	epoxy resin	-	0.540	0.09		857	
	noble metal	silver	7440-22-4	2.547	0.40	0.49	4041	4898
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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