

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS5030-1EJA	**Issued**	24. February 2022
MA#	MA005706678		
Package	PG-DSO-8-43	**Weight***	84.45 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	2.062	2.44	2.44	24418	24418
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		111	
	non noble metal	zinc	7440-66-6	0.038	0.04		445	
	non noble metal	iron	7439-89-6	0.752	0.89		8903	
	non noble metal	copper	7440-50-8	30.529	36.15	37.09	361504	370963
wire	non noble metal	copper	7440-50-8	0.470	0.56	0.56	5562	5562
encapsulation	organic material	carbon black	1333-86-4	0.097	0.11		1145	
	plastics	epoxy resin	-	4.447	5.27		52656	
	inorganic material	silicondioxide	60676-86-0	43.791	51.86	57.24	518541	572342
leadfinish	non noble metal	tin	7440-31-5	0.814	0.96	0.96	9637	9637
plating	noble metal	silver	7440-22-4	0.726	0.86	0.86	8597	8597
glue	plastics	epoxy resin	-	0.125	0.15		1484	
	noble metal	silver	7440-22-4	0.591	0.70	0.85	6997	8481
*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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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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