

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS71033-6ESA	**Issued**	21. December 2022
MA#	MA005716656		
Package	PG-TSDSO-24-42	**Weight***	112.01 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	2.264	2.022	2.022	20216	20216
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.014	47.373	142	473727
	non noble metal	zinc	7440-66-6	0.064	0.057		568	
	non noble metal	iron	7439-89-6	1.274	1.137		11369	
	non noble metal	copper	7440-50-8	51.711	46.165		461647	
wire	non noble metal	copper	7440-50-8	0.749	0.668	0.668	6683	6683
encapsulation	organic material	carbon black	1333-86-4	0.153	0.137	45.675	1370	456747
	plastics	epoxy resin	-	5.986	5.344		53439	
	inorganic material	silicondioxide	60676-86-0	45.022	40.194		401937	
leadfinish	non noble metal	tin	7440-31-5	2.781	2.483	2.483	24829	24829
plating	noble metal	silver	7440-22-4	1.318	1.176	1.176	11763	11763
glue	plastics	epoxy resin	-	0.118	0.106	0.604	1056	6035
	noble metal	silver	7440-22-4	0.558	0.498		4979	
*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 End-of-Life Vehicle (ELV) Directive 2000/53/EG and the ELV Annex II (2016/774/EU) and does not use any exemption.

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