

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS72220-4ESE	**Issued**	21. December 2022
MA#	MA005714670		
Package	PG-TSDSO-24-32	**Weight***	113.27 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	3.687	3.255	3.255	32549	32549
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.014	47.044	141	470443
	non noble metal	zinc	7440-66-6	0.064	0.056		565	
	non noble metal	iron	7439-89-6	1.279	1.129		11291	
	non noble metal	copper	7440-50-8	51.928	45.845		458446	
wire	non noble metal	copper	7440-50-8	1.679	1.483	1.483	14827	14827
encapsulation	organic material	carbon black	1333-86-4	0.148	0.131	43.690	1311	436899
	plastics	epoxy resin	-	5.790	5.112		51117	
	inorganic material	silicondioxide	60676-86-0	43.548	38.447		384471	
leadfinish	non noble metal	tin	7440-31-5	2.781	2.455	2.455	24554	24554
plating	noble metal	silver	7440-22-4	1.324	1.169	1.169	11685	11685
glue	plastics	epoxy resin	-	0.179	0.158	0.904	1583	9044
	noble metal	silver	7440-22-4	0.845	0.746		7461	
*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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