

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS72220-4ESP	**Issued**	21. December 2022
MA#	MA005711435		
Package	PG-TSDSO-24-32	**Weight***	113.23 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	3.687	3.256	3.256	32560	32560
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.014	47.059	141	470594
	non noble metal	zinc	7440-66-6	0.064	0.056		565	
	non noble metal	iron	7439-89-6	1.279	1.129		11294	
	non noble metal	copper	7440-50-8	51.928	45.859		458594	
wire	non noble metal	copper	7440-50-8	1.632	1.442	1.442	14417	14417
encapsulation	organic material	carbon black	1333-86-4	0.148	0.131	43.713	1311	437132
	plastics	epoxy resin	-	5.791	5.114		51144	
	inorganic material	silicondioxide	60676-86-0	43.558	38.468		384676	
leadfinish	non noble metal	tin	7440-31-5	2.781	2.456	2.456	24561	24561
plating	noble metal	silver	7440-22-4	1.324	1.169	1.169	11689	11689
glue	plastics	epoxy resin	-	0.179	0.158	0.905	1583	9047
	noble metal	silver	7440-22-4	0.845	0.746		7464	
*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 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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