

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS71220-4ESP	**Issued**	21. December 2022
MA#	MA005711402		
Package	PG-TSDSO-24-32	**Weight***	112.77 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	2.514	2.229	2.229	22294	22294
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.014	47.252	142	472517
	non noble metal	zinc	7440-66-6	0.064	0.057		567	
	non noble metal	iron	7439-89-6	1.279	1.134		11340	
	non noble metal	copper	7440-50-8	51.928	46.047		460468	
wire	non noble metal	copper	7440-50-8	1.411	1.251	1.251	12510	12510
encapsulation	organic material	carbon black	1333-86-4	0.152	0.135	44.964	1349	449645
	plastics	epoxy resin	-	5.933	5.261		52608	
	inorganic material	silicondioxide	60676-86-0	44.622	39.569		395687	
leadfinish	non noble metal	tin	7440-31-5	2.781	2.466	2.466	24662	24662
plating	noble metal	silver	7440-22-4	1.324	1.174	1.174	11737	11737
glue	plastics	epoxy resin	-	0.131	0.116	0.664	1161	6636
	noble metal	silver	7440-22-4	0.617	0.547		5475	
*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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