

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTS71040-4ESP	**Issued**	21. December 2022
MA#	MA005711398		
Package	PG-TSDSO-24-42	**Weight***	111.90 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	1.959	1.751	1.751	17506	17506
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.014	47.420	142	474196
	non noble metal	zinc	7440-66-6	0.064	0.057		569	
	non noble metal	iron	7439-89-6	1.274	1.138		11381	
	non noble metal	copper	7440-50-8	51.711	46.210		462104	
wire	non noble metal	copper	7440-50-8	0.701	0.627	0.627	6267	6267
encapsulation	organic material	carbon black	1333-86-4	0.154	0.138	45.998	1380	459982
	plastics	epoxy resin	-	6.022	5.382		53818	
	inorganic material	silicondioxide	60676-86-0	45.296	40.478		404784	
leadfinish	non noble metal	tin	7440-31-5	2.781	2.485	2.485	24853	24853
plating	noble metal	silver	7440-22-4	1.318	1.177	1.177	11774	11774
glue	plastics	epoxy resin	-	0.106	0.095	0.542	949	5421
	noble metal	silver	7440-22-4	0.501	0.447		4473	
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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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