

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLS805B1SJV	**Issued**	18. May 2021
MA#	MA005426156		
Package	PG-DSO-8-71	**Weight***	81.26 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	0.996	1.23	1.23	12257	12257
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		106	
	non noble metal	zinc	7440-66-6	0.034	0.04		422	
	non noble metal	iron	7439-89-6	0.686	0.84		8442	
	non noble metal	copper	7440-50-8	27.852	34.28	35.17	342769	351739
wire	non noble metal	copper	7440-50-8	0.041	0.05	0.05	508	508
encapsulation	organic material	carbon black	1333-86-4	0.101	0.12		1238	
	plastics	epoxy resin	-	4.628	5.70		56956	
	inorganic material	silicondioxide	60676-86-0	45.576	56.09	61.91	560893	619087
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	10016	10016
plating	noble metal	silver	7440-22-4	0.130	0.16	0.16	1601	1601
glue	plastics	epoxy resin	-	0.097	0.12		1198	
	noble metal	silver	7440-22-4	0.292	0.36	0.48	3594	4792
*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 EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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