

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLS208D1LDV	**Issued**	27. April 2022
MA#	MA005715424		
Package	PG-TSON-10-2	**Weight***	31.88 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	1.453	4.56	4.56	45581	45581
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		104	
	non noble metal	zinc	7440-66-6	0.013	0.04		416	
	non noble metal	iron	7439-89-6	0.265	0.83		8322	
	non noble metal	copper	7440-50-8	10.773	33.79	34.67	337897	346739
wire	non noble metal	copper	7440-50-8	0.047	0.15	0.15	1466	1466
encapsulation	organic material	carbon black	1333-86-4	0.037	0.11		1147	
	plastics	epoxy resin	-	1.883	5.90		59049	
	inorganic material	silicondioxide	60676-86-0	16.358	51.31	57.32	513095	573291
leadfinish	non noble metal	tin	7440-31-5	0.370	1.16	1.16	11608	11608
plating	noble metal	silver	7440-22-4	0.064	0.20	0.20	2016	2016
glue	inorganic material	copperoxide	1317-38-0	0.015	0.05		482	
	miscellaneous	miscellaneous	-	0.018	0.06		579	
	plastics	epoxy resin	-	0.108	0.34		3377	
	noble metal	silver	7440-22-4	0.474	1.49	1.94	14861	19299
*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.
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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