



Material Content Data Sheet



Halogen-Free

Sales Product Name TLS208D1LDV

Issued

05. February 2022

MA# MA001338862

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:

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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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