



## Material Content Data Sheet



<b>Sales Product Name</b>	TLS208D1LDV			<b>Issued</b>	19. January 2018			
<b>MA#</b>	MA001338862							
<b>Package</b>	PG-TSON-10-2			<b>Weight*</b>	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	
wire	non noble metal	copper	7440-50-8	10.773	33.79	34.67	337896	346738
	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	plastics	epoxy resin	-	1.883	5.90		59049	
	inorganic material	silicondioxide	60676-86-0	16.358	51.32	57.33	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	plastics	epoxy resin	-	0.154	0.48		4825	
	noble metal	silver	7440-22-4	0.461	1.45	1.93	14475	19300
*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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