



Material Content Data Sheet



Sales Product Name	TLE75242-ESD			Issued	22. January 2018			
MA#	MA001709736							
Package	PG-TSDSO-24-21			Weight*	796.79 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	3.094	0.39	0.39	3883	3883
leadframe	inorganic material	phosphorus	7723-14-0	0.064	0.01		80	
	non noble metal	zinc	7440-66-6	0.256	0.03		321	
	non noble metal	iron	7439-89-6	5.116	0.64		6421	
wire	non noble metal	copper	7440-50-8	207.751	26.07	26.75	260735	267557
	non noble metal	copper	7440-50-8	0.815	0.10	0.10	1023	1023
	encapsulation	organic material	carbon black	1333-86-4	1.724	0.22		2164
plastics	plastics	epoxy resin	-	67.231	8.44		84377	
	inorganic material	silicondioxide	60676-86-0	505.670	63.47	72.13	634634	721175
leadfinish	non noble metal	tin	7440-31-5	3.642	0.46	0.46	4571	4571
plating	noble metal	silver	7440-22-4	0.339	0.04	0.04	425	425
glue	plastics	epoxy resin	-	0.190	0.02		239	
	noble metal	silver	7440-22-4	0.898	0.11	0.13	1127	1366
*deviation	< 10%			Sum in total:		100.00		1000000

Important Remarks:

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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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