



Material Content Data Sheet



Sales Product Name		TLE4997A8D		Issued		4. July 2019		
MA#		MA002296634						
Package		PG-TDSO-8-2		Weight*		67.76 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
leadframe	non noble metal	zinc	7440-66-6	0.064	0.10		950	
	non noble metal	tin	7440-31-5	0.080	0.12		1187	
	non noble metal	chromium	7440-47-3	0.097	0.14		1425	
	non noble metal	copper	7440-50-8	31.938	47.13	47.49	471332	474894
wire	noble metal	gold	7440-57-5	0.091	0.13	0.13	1343	1343
encapsulation	organic material	carbon black	1333-86-4	0.068	0.10		1005	
	plastics	epoxy resin	-	3.676	5.43		54256	
	inorganic material	silicondioxide	60676-86-0	30.297	44.71	50.24	447107	502368
leadfinish	non noble metal	tin	7440-31-5	0.497	0.73	0.73	7338	7338
plating	noble metal	silver	7440-22-4	0.953	1.41	1.41	14057	14057
*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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