



Material Content Data Sheet



Sales Product Name		TLE42794G		Issued		25. September 2017		
MA#		MA000970072						
Package		PG-DSO-8-16		Weight*		83.31 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	2.391	2.87	2.87	28700	28700
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		430	
	non noble metal	iron	7439-89-6	0.717	0.86		8609	
wire	non noble metal	copper	7440-50-8	29.121	34.96	35.87	349557	358704
	noble metal	gold	7440-57-5	0.161	0.19	0.19	1931	1931
	encapsulation	organic material	carbon black	1333-86-4	0.096	0.12		1156
plastics	plastics	epoxy resin	-	4.428	5.32		53154	
		silicondioxide	60676-86-0	43.608	52.34	57.78	523454	577764
leadfinish	non noble metal	tin	7440-31-5	0.824	0.99	0.99	9891	9891
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7805	7805
glue	plastics	acrylic resin	-	0.279	0.33		3345	
		noble metal	silver	7440-22-4	0.988	1.19	1.52	11860
*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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