



Material Content Data Sheet



Sales Product Name		TLE6251-3G		Issued		27. September 2017		
MA#		MA000977742						
Package		PG-DSO-14-1		Weight*		143.59 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	5.050	3.52	3.52	35168	35168
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		105	
	non noble metal	zinc	7440-66-6	0.060	0.04		420	
	non noble metal	iron	7439-89-6	1.207	0.84		8405	
wire	non noble metal	copper	7440-50-8	49.007	34.13	35.02	341293	350223
	noble metal	gold	7440-57-5	0.196	0.14	0.14	1367	1367
	encapsulation	organic material	carbon black	1333-86-4	0.168	0.12		1168
plastics	plastics	epoxy resin	-	7.717	5.37		53745	
		silicondioxide	60676-86-0	76.000	52.93	58.42	529276	584189
leadfinish	non noble metal	tin	7440-31-5	1.226	0.85	0.85	8539	8539
plating	noble metal	silver	7440-22-4	1.030	0.72	0.72	7172	7172
glue	plastics	acrylic resin	-	0.421	0.29		2935	
		noble metal	silver	7440-22-4	1.494	1.04	1.33	10407
*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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