



Material Content Data Sheet



Sales Product Name	TLE6389-2GV			Issued	24. January 2018			
MA#	MA001682472							
Package	PG-DSO-14-62			Weight*	143.64 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	6.620	4.61	4.61	46091	46091
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		108	
	non noble metal	zinc	7440-66-6	0.062	0.04		433	
	non noble metal	iron	7439-89-6	1.243	0.87		8655	
wire	non noble metal	copper	7440-50-8	50.479	35.14	36.06	351436	360632
	noble metal	palladium	7440-05-3	0.002	0.00		12	
	non noble metal	copper	7440-50-8	0.166	0.12	0.12	1157	1169
encapsulation	organic material	carbon black	1333-86-4	0.240	0.17		1670	
	plastics	epoxy resin	-	9.356	6.51		65134	
	inorganic material	silicondioxide	60676-86-0	70.367	48.98	55.66	489894	556698
plating	noble metal	gold	7440-57-5	0.109	0.08		760	
	noble metal	palladium	7440-05-3	0.068	0.05		473	
	non noble metal	nickel	7440-02-0	2.392	1.67	1.80	16652	17885
glue	plastics	epoxy resin	-	0.629	0.44		4381	
	noble metal	silver	7440-22-4	1.888	1.31	1.75	13144	17525
*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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