



## Material Content Data Sheet



<b>Sales Product Name</b>	TLE4276DV			<b>Issued</b>	28. August 2013			
<b>MA#</b>	MA000723216							
<b>Package</b>	PG-TO252-5-11			<b>Weight*</b>	366.05 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	3.304	0.90	0.90	9025	9025
leadframe	non noble metal	iron	7439-89-6	0.205	0.06		559	
	inorganic material	phosphorus	7723-14-0	0.061	0.02		168	
	non noble metal	copper	7440-50-8	204.243	55.79	55.87	557967	558694
wire	non noble metal	aluminium	7429-90-5	0.168	0.05	0.05	460	460
encapsulation	organic material	carbon black	1333-86-4	0.296	0.08		809	
	plastics	epoxy resin	-	13.620	3.72		37207	
	inorganic material	silicondioxide	60676-86-0	134.124	36.64	40.44	366413	404429
leadfinish	non noble metal	tin	7440-31-5	5.072	1.39	1.39	13857	13857
plating	non noble metal	nickel	7440-02-0	0.076	0.02		208	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	209
solder	noble metal	silver	7440-22-4	0.122	0.03		333	
	non noble metal	tin	7440-31-5	0.098	0.03		267	
	non noble metal	lead	7439-92-1	4.658	1.27	1.33	12726	13326
*deviation	< 10%			Sum in total:		100.00		1000000

### Important Remarks:

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