



Material Content Data Sheet



Sales Product Name	TLE6208-6G			Issued	16. September 2015			
MA#	MA001406856							
Package	PG-DSO-28-41			Weight*	835.40 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	14.614	1.75	1.75	17494	17494
leadframe	inorganic material	phosphorus	7723-14-0	0.073	0.01		87	
	non noble metal	zinc	7440-66-6	0.292	0.03		349	
	non noble metal	iron	7439-89-6	5.837	0.70		6987	
wire	non noble metal	copper	7440-50-8	237.007	28.37	29.11	283706	291129
	non noble metal	copper	7440-50-8	1.265	0.15	0.15	1514	1514
	encapsulation	organic material	carbon black	1333-86-4	1.131	0.14		1354
encapsulation	plastics	epoxy resin	-	52.026	6.23		62276	
	inorganic material	silicondioxide	60676-86-0	512.339	61.32	67.69	613287	676917
leadfinish	non noble metal	tin	7440-31-5	4.975	0.60	0.60	5955	5955
plating	noble metal	silver	7440-22-4	1.897	0.23	0.23	2271	2271
glue	plastics	epoxy resin	-	0.986	0.12		1180	
	noble metal	silver	7440-22-4	2.958	0.35	0.47	3540	4720
*deviation	< 10%			Sum in total:		100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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