



Material Content Data Sheet



Sales Product Name		TLE4276GV		Issued		28. August 2013		
MA#		MA001133292						
Package		PG-TO263-5-1		Weight*		1571.88 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	0.21	0.21	2102	2102
leadframe	non noble metal	iron	7439-89-6	0.925	0.06		588	
	inorganic material	phosphorus	7723-14-0	0.277	0.02		176	
	non noble metal	copper	7440-50-8	923.552	58.73	58.81	587546	588310
wire	non noble metal	aluminium	7429-90-5	0.297	0.02	0.02	189	189
encapsulation	organic material	carbon black	1333-86-4	1.253	0.08		797	
	plastics	epoxy resin	-	57.654	3.67		36678	
	inorganic material	silicondioxide	60676-86-0	567.762	36.12	39.87	361199	398674
leadfinish	non noble metal	tin	7440-31-5	12.370	0.79	0.79	7869	7869
plating	non noble metal	nickel	7440-02-0	0.243	0.02		154	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.02	0	154
solder	non noble metal	tin	7440-31-5	0.085	0.01		54	
	noble metal	silver	7440-22-4	0.106	0.01		68	
	non noble metal	lead	7439-92-1	4.056	0.26	0.28	2580	2702
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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