



Material Content Data Sheet



Sales Product Name	TLE4284D V26			Issued		28. August 2013		
MA#	MA000724042							
Package	PG-TO252-3-11			Weight*		401.21 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	2.924	0.73	0.73	7288	7288
leadframe	non noble metal	iron	7439-89-6	0.140	0.03		349	
	inorganic material	phosphorus	7723-14-0	0.042	0.01		105	
	non noble metal	copper	7440-50-8	139.706	34.82	34.86	348211	348665
wire	non noble metal	aluminium	7429-90-5	0.131	0.03	0.03	326	326
encapsulation	organic material	carbon black	1333-86-4	0.311	0.08		774	
	plastics	epoxy resin	-	14.284	3.56		35601	
	inorganic material	silicondioxide	60676-86-0	140.661	35.07	38.71	350593	386968
leadfinish	non noble metal	tin	7440-31-5	3.740	0.93	0.93	9322	9322
plating	non noble metal	nickel	7440-02-0	0.091	0.02		226	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.02	1	227
solder	noble metal	silver	7440-22-4	0.114	0.03		285	
	non noble metal	tin	7440-31-5	0.091	0.02		228	
	non noble metal	lead	7439-92-1	4.363	1.09	1.14	10875	11388
heatspreader	inorganic material	phosphorus	7723-14-0	0.028	0.01		71	
	non noble metal	iron	7439-89-6	0.095	0.02		236	
	non noble metal	copper	7440-50-8	94.488	23.55	23.58	235509	235816
*deviation	< 10%	Sum in total:			100,00			1000000

Important Remarks:

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