



Material Content Data Sheet



Sales Product Name		TLE7274-2E		Issued		19. July 2018		
MA#		MA000970648						
Package		PG-SSOP-14-2		Weight*		83.10 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	1.717	2.07	2.07	20657	20657
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		415	
	non noble metal	iron	7439-89-6	0.689	0.83		8292	
wire	non noble metal	copper	7440-50-8	27.978	33.67	34.55	336672	345483
	noble metal	gold	7440-57-5	0.081	0.10	0.10	971	971
	encapsulation	organic material	carbon black	1333-86-4	0.099	0.12		1196
encapsulation	plastics	epoxy resin	-	4.573	5.50		55035	
	inorganic material	silicondioxide	60676-86-0	45.039	54.20	59.82	541980	598211
leadfinish	non noble metal	tin	7440-31-5	0.976	1.17	1.17	11746	11746
plating	noble metal	silver	7440-22-4	0.768	0.92	0.92	9237	9237
glue	plastics	epoxy resin	-	0.285	0.34		3424	
	noble metal	silver	7440-22-4	0.854	1.03	1.37	10271	13695
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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