



Material Content Data Sheet



Sales Product Name		TLE9222PX		Issued		27. August 2015			
MA#		MA001346652							
Package		PG-TSSOP-14-1		Weight*		47.04 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	1.260	2.68	2.68	26794	26794	
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		73		
		non noble metal	zinc	7440-66-6	0.014	0.03		292	
		non noble metal	iron	7439-89-6	0.275	0.58		5846	
wire	non noble metal	copper	7440-50-8	11.166	23.74	24.36	237378	243589	
		noble metal	gold	7440-57-5	0.119	0.25	0.25	2537	2537
		organic material	carbon black	1333-86-4	0.160	0.34		3409	
encapsulation	plastics	epoxy resin	-	4.972	10.57		105690		
		inorganic material	silicondioxide	60676-86-0	26.943	57.29	68.20	572768	681867
		noble metal	gold	7440-57-5	0.008	0.02		172	
leadfinish	noble metal	palladium	7440-05-3	0.008	0.02		172		
		silver	7440-22-4	0.008	0.02		172		
		non noble metal	nickel	7440-02-0	0.380	0.81	0.87	8087	8603
		noble metal	gold	7440-57-5	0.020	0.04		432	
plating	noble metal	palladium	7440-05-3	0.020	0.04		432		
		silver	7440-22-4	0.020	0.04		432		
		non noble metal	nickel	7440-02-0	0.956	2.03	2.15	20317	21613
glue	plastics	epoxy resin	-	0.176	0.37		3749		
		noble metal	silver	7440-22-4	0.529	1.12	1.49	11248	14997
*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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