

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE7259-3GE	**Issued**	30. July 2019
MA#	MA001721086		
Package	PG-DSO-8-64	**Weight***	81.98 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	2.228	2.72	2.72	27171	27171
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		106	
	non noble metal	zinc	7440-66-6	0.035	0.04		424	
	non noble metal	iron	7439-89-6	0.696	0.85		8486	
	non noble metal	copper	7440-50-8	28.249	34.46	35.36	344564	353580
wires	noble metal	palladium	7440-05-3	0.001	0.00		11	
	non noble metal	copper	7440-50-8	0.089	0.11	0.11	1090	1101
encapsulation	organic material	carbon black	1333-86-4	0.142	0.17		1733	
	plastics	epoxy resin	-	5.541	6.76		67588	
	inorganic material	silicondioxide	60676-86-0	41.677	50.82	57.75	508357	577678
leadfinish	noble metal	palladium	7440-05-3	0.014	0.02		165	
	noble metal	gold	7440-57-5	0.022	0.03		266	
	non noble metal	nickel	7440-02-0	0.477	0.58	0.63	5824	6255
plating	noble metal	palladium	7440-05-3	0.038	0.05		462	
	noble metal	gold	7440-57-5	0.061	0.07		742	
	non noble metal	nickel	7440-02-0	1.333	1.63	1.75	16255	17459
glue	plastics	epoxy resin	-	0.343	0.42		4189	
	noble metal	silver	7440-22-4	1.030	1.26	1.68	12567	16756
*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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