

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE42794G	**Issued**	04. April 2021
MA#	MA001718882		
Package	PG-DSO-8-64	**Weight***	81.49 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	1.353	1.66	1.66	16601	16601
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.035	0.04		427	
	non noble metal	iron	7439-89-6	0.696	0.85		8538	
	non noble metal	copper	7440-50-8	28.249	34.67	35.57	346670	355742
wires	noble metal	palladium	7440-05-3	0.001			12	
	non noble metal	copper	7440-50-8	0.098	0.12	0.12	1199	1211
encapsulation	organic material	carbon black	1333-86-4	0.146	0.18		1787	
	plastics	epoxy resin	-	5.678	6.97		69684	
	inorganic material	silicondioxide	60676-86-0	42.708	52.41	59.56	524121	595592
leadfinish	noble metal	palladium	7440-05-3	0.014	0.02		166	
	noble metal	gold	7440-57-5	0.022	0.03		268	
	non noble metal	nickel	7440-02-0	0.477	0.59	0.64	5859	6293
plating	noble metal	palladium	7440-05-3	0.038	0.05		465	
	noble metal	gold	7440-57-5	0.061	0.07		747	
	non noble metal	nickel	7440-02-0	1.333	1.64	1.76	16354	17566
glue	plastics	epoxy resin	-	0.143	0.17		1749	
	noble metal	silver	7440-22-4	0.428	0.52	0.69	5246	6995
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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