

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE6251-3G	**Issued**	7. August 2019
MA#	MA001720672		
Package	PG-DSO-14-62	**Weight***	144.00 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	5.050	3.51	3.51	35069	35069
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		108	
	non noble metal	zinc	7440-66-6	0.062	0.04		432	
	non noble metal	iron	7439-89-6	1.243	0.86		8634	
	non noble metal	copper	7440-50-8	50.479	35.06	35.97	350557	359731
wires	noble metal	palladium	7440-05-3	0.002	0.00		11	
	non noble metal	copper	7440-50-8	0.151	0.10	0.10	1049	1060
encapsulation	organic material	carbon black	1333-86-4	0.245	0.17		1698	
	plastics	epoxy resin	-	9.537	6.62		66229	
	inorganic material	silicondioxide	60676-86-0	71.730	49.82	56.61	498137	566064
leadfinish	noble metal	palladium	7440-05-3	0.020	0.01		142	
	noble metal	gold	7440-57-5	0.033	0.02		228	
	non noble metal	nickel	7440-02-0	0.719	0.50	0.53	4995	5365
plating	noble metal	palladium	7440-05-3	0.068	0.05		472	
	noble metal	gold	7440-57-5	0.109	0.08		759	
	non noble metal	nickel	7440-02-0	2.392	1.66	1.79	16611	17842
glue	plastics	epoxy resin	-	0.535	0.37		3717	
	noble metal	silver	7440-22-4	1.606	1.12	1.49	11152	14869
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com