

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE9251SJ	**Issued**	08. February 2022
MA#	MA005424644		
Package	PG-DSO-8-65	**Weight***	79.80 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	1.005	1.26	1.26	12595	12595
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		101	
	non noble metal	zinc	7440-66-6	0.032	0.04		406	
	non noble metal	iron	7439-89-6	0.647	0.81		8113	
	non noble metal	copper	7440-50-8	26.289	32.94	33.80	329422	338042
wires	noble metal	palladium	7440-05-3	0.001			18	
	non noble metal	copper	7440-50-8	0.057	0.07	0.07	710	728
encapsulation	organic material	carbon black	1333-86-4	0.148	0.19		1853	
	plastics	epoxy resin	-	5.767	7.23		72266	
	inorganic material	silicondioxide	60676-86-0	43.375	54.35	61.77	543536	617655
leadfinish	noble metal	palladium	7440-05-3	0.014	0.02		170	
	noble metal	gold	7440-57-5	0.022	0.03		273	
	non noble metal	nickel	7440-02-0	0.477	0.60	0.65	5983	6426
plating	noble metal	palladium	7440-05-3	0.035	0.04		442	
	noble metal	gold	7440-57-5	0.057	0.07		711	
	non noble metal	nickel	7440-02-0	1.242	1.56	1.67	15563	16716
glue	inorganic material	copperoxide	1317-38-0	0.016	0.02		196	
	miscellaneous	miscellaneous	-	0.019	0.02		235	
	plastics	epoxy resin	-	0.109	0.14		1372	
	noble metal	silver	7440-22-4	0.482	0.60	0.78	6035	7838
*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 Neubiberg
Internet	www.infineon.com