

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE9351VSJ	**Issued**	08. February 2022
MA#	MA005404311		
Package	PG-DSO-8-80	**Weight***	79.76 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	0.836	1.05	1.05	10475	10475
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		8117	
	non noble metal	copper	7440-50-8	26.289	32.96	33.82	329600	338224
wires	noble metal	palladium	7440-05-3	0.002			22	
	non noble metal	copper	7440-50-8	0.068	0.09	0.09	854	876
encapsulation	organic material	carbon black	1333-86-4	0.148	0.19		1861	
	plastics	epoxy resin	-	5.787	7.26		72560	
	inorganic material	silicondioxide	60676-86-0	43.528	54.56	62.01	545747	620168
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	5986	6429
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	15571	16724
glue	plastics	epoxy resin	-	0.142	0.18		1776	
	noble metal	silver	7440-22-4	0.425	0.53	0.71	5328	7104
*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.

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