

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE8250SJ	**Issued**	9. January 2019
MA#	MA004622664		
Package	PG-DSO-8-64	**Weight***	81.52 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	1.493	1.83	1.83	18310	18310
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		8535	
	non noble metal	copper	7440-50-8	28.249	34.65	35.55	346538	355607
wires	noble metal	palladium	7440-05-3	0.001	0.00		10	
	non noble metal	copper	7440-50-8	0.079	0.10	0.10	969	979
encapsulation	organic material	carbon black	1333-86-4	0.145	0.18		1781	
	plastics	epoxy resin	-	5.661	6.94		69450	
	inorganic material	silicondioxide	60676-86-0	42.581	52.25	59.37	522361	593592
leadfinish	noble metal	palladium	7440-05-3	0.014	0.02		166	
	noble metal	gold	7440-57-5	0.022	0.03		267	
	non noble metal	nickel	7440-02-0	0.477	0.59	0.64	5857	6290
plating	noble metal	palladium	7440-05-3	0.038	0.05		464	
	noble metal	gold	7440-57-5	0.061	0.07		747	
	non noble metal	nickel	7440-02-0	1.333	1.63	1.75	16348	17559
glue	plastics	epoxy resin	-	0.156	0.19		1916	
	noble metal	silver	7440-22-4	0.468	0.57	0.76	5747	7663
*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