

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE7209-3R	**Issued**	06. February 2022
MA#	MA001606266		
Package	PG-DSO-20-65	**Weight***	2026.62 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	7.461	0.37	0.37	3681	3681
leadframe	inorganic material	phosphorus	7723-14-0	0.359	0.02		177	
	non noble metal	zinc	7440-66-6	1.435	0.07		708	
	non noble metal	iron	7439-89-6	28.697	1.42		14160	
	non noble metal	copper	7440-50-8	1,165.200	57.50	59.01	574948	589993
wire	non noble metal	copper	7440-50-8	2.458	0.12	0.12	1213	1213
encapsulation	organic material	carbon black	1333-86-4	1.605	0.08		792	
	plastics	epoxy resin	-	73.824	3.64		36427	
	inorganic material	silicondioxide	60676-86-0	727.001	35.87	39.59	358726	395945
leadfinish	non noble metal	tin	7440-31-5	10.336	0.51	0.51	5100	5100
plating	noble metal	silver	7440-22-4	0.686	0.03	0.03	338	338
solder	non noble metal	tin	7440-31-5	0.076			37	
	noble metal	silver	7440-22-4	0.113	0.01		56	
	non noble metal	lead	7439-92-1	7.371	0.36	0.37	3637	3730
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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