



Material Content Data Sheet



Halogen-Free

Sales Product Name	TLE6209R	Issued	11. May 2021
MA#	MA001656458		
Package	PG-DSO-20-65	Weight*	2033.32 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	21.764	1.07	1.07	10704	10704
leadframe	inorganic material	phosphorus	7723-14-0	0.359	0.02		176	
	non noble metal	zinc	7440-66-6	1.435	0.07		706	
	non noble metal	iron	7439-89-6	28.697	1.41		14113	
	non noble metal	copper	7440-50-8	1,165.200	57.30	58.80	573052	588047
wire	non noble metal	copper	7440-50-8	1.613	0.08	0.08	793	793
encapsulation	organic material	carbon black	1333-86-4	1.578	0.08		776	
	plastics	epoxy resin	-	72.575	3.57		35693	
	inorganic material	silicondioxide	60676-86-0	714.705	35.15	38.80	351496	387965
leadfinish	non noble metal	tin	7440-31-5	10.336	0.51	0.51	5083	5083
plating	noble metal	silver	7440-22-4	0.686	0.03	0.03	337	337
solder	noble metal	silver	7440-22-4	0.216	0.01		106	
	non noble metal	tin	7440-31-5	0.144	0.01		71	
	non noble metal	lead	7439-92-1	14.018	0.69	0.71	6894	7071
*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.

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