



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	TLE7230R	<b>Issued</b>	13. May 2021
<b>MA#</b>	MA002447546		
<b>Package</b>	PG-DSO-36-47	<b>Weight*</b>	2099.17 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	6.680	0.32	0.32	3182	3182
leadframe	inorganic material	phosphorus	7723-14-0	0.388	0.02		185	
	non noble metal	zinc	7440-66-6	1.553	0.07		740	
	non noble metal	iron	7439-89-6	31.066	1.48		14799	
	non noble metal	copper	7440-50-8	1,261.410	60.09	61.66	600908	616632
wire	noble metal	gold	7440-57-5	1.700	0.08	0.08	810	810
encapsulation	organic material	carbon black	1333-86-4	1.547	0.07		737	
	plastics	epoxy resin	-	71.149	3.39		33894	
	inorganic material	silicondioxide	60676-86-0	700.666	33.38	36.84	333782	368413
leadfinish	non noble metal	tin	7440-31-5	15.044	0.72	0.72	7167	7167
plating	noble metal	silver	7440-22-4	0.644	0.03	0.03	307	307
solder	non noble metal	tin	7440-31-5	0.073			35	
	noble metal	silver	7440-22-4	0.110	0.01		52	
	non noble metal	lead	7439-92-1	7.142	0.34	0.35	3402	3489
*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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