

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLF4277-2LD	**Issued**	18. August 2021
MA#	MA005409986		
Package	PG-TSON-10-2	**Weight***	31.85 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	1.497	4.70	4.70	46988	46988
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		104	
	non noble metal	zinc	7440-66-6	0.013	0.04		416	
	non noble metal	iron	7439-89-6	0.265	0.83		8330	
	non noble metal	copper	7440-50-8	10.773	33.82	34.70	338222	347072
wire	non noble metal	copper	7440-50-8	0.041	0.13	0.13	1293	1293
encapsulation	organic material	carbon black	1333-86-4	0.037	0.11		1148	
	plastics	epoxy resin	-	1.883	5.91		59107	
	inorganic material	silicondioxide	60676-86-0	16.359	51.37	57.39	513599	573854
leadfinish	non noble metal	tin	7440-31-5	0.370	1.16	1.16	11619	11619
plating	noble metal	silver	7440-22-4	0.064	0.20	0.20	2018	2018
glue	plastics	epoxy resin	-	0.137	0.43		4289	
	noble metal	silver	7440-22-4	0.410	1.29	1.72	12867	17156
*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.

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