

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	TLE8242-2L	**Issued**	14. September 2018
MA#	MA003606560		
Package	PG-LQFP-64-20	**Weight***	384.44 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	23.915	6.22	6.22	62207	62207
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		102	
	non noble metal	zinc	7440-66-6	0.156	0.04		407	
	non noble metal	iron	7439-89-6	3.128	0.81		8138	
	non noble metal	copper	7440-50-8	127.029	33.04	33.90	330429	339076
wire	non noble metal	copper	7440-50-8	0.859	0.22	0.22	2234	2234
encapsulation	organic material	carbon black	1333-86-4	1.114	0.29		2899	
	plastics	epoxy resin	-	30.090	7.83		78271	
	inorganic material	silicondioxide	60676-86-0	191.684	49.88	58.00	498610	579780
leadfinish	noble metal	silver	7440-22-4	0.001	0.00		2	
	noble metal	palladium	7440-05-3	0.001	0.00		3	
	noble metal	gold	7440-57-5	0.002	0.00		5	
	non noble metal	nickel	7440-02-0	1.779	0.46	0.46	4627	4637
plating	noble metal	silver	7440-22-4	0.000	0.00		1	
	noble metal	gold	7440-57-5	0.000	0.00		1	
	noble metal	palladium	7440-05-3	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.267	0.07	0.07	695	698
glue	plastics	epoxy resin	-	1.093	0.28		2842	
	noble metal	silver	7440-22-4	3.278	0.85	1.13	8526	11368
*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