

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IGLD60R190D1	**Issued**	27. April 2022
MA#	MA005730697		
Package	PG-LSON-8-1	**Weight***	275.38 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	3.097	1.12	1.12	11248	11248
leadframe	inorganic material	phosphorus	7723-14-0	0.040	0.01		145	
	non noble metal	zinc	7440-66-6	0.159	0.06		579	
	non noble metal	iron	7439-89-6	3.189	1.16		11580	
	non noble metal	copper	7440-50-8	129.483	47.03	48.26	470205	482509
wire	noble metal	gold	7440-57-5	2.353	0.85	0.85	8545	8545
encapsulation	organic material	carbon black	1333-86-4	0.658	0.24		2389	
	plastics	epoxy resin	-	20.396	7.41		74068	
	inorganic material	silicondioxide	60676-86-0	110.536	40.14	47.79	401399	477856
leadfinish	non noble metal	tin	7440-31-5	2.024	0.74	0.74	7351	7351
plating	noble metal	silver	7440-22-4	1.541	0.56	0.56	5597	5597
solder	non noble metal	tin	7440-31-5	0.095	0.03		345	
	non noble metal	lead	7439-92-1	1.803	0.65	0.68	6549	6894
*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