

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IGLD60R070D1	**Issued**	14. February 2022
MA#	MA003512290		
Package	PG-LSON-8-1	**Weight***	279.15 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	7.929	2.84	2.84	28403	28403
leadframe	inorganic material	phosphorus	7723-14-0	0.040	0.01		143	
	non noble metal	zinc	7440-66-6	0.159	0.06		571	
	non noble metal	iron	7439-89-6	3.189	1.14		11424	
	non noble metal	copper	7440-50-8	129.483	46.38	47.59	463848	475986
wire	noble metal	gold	7440-57-5	3.934	1.41	1.41	14093	14093
encapsulation	organic material	carbon black	1333-86-4	0.634	0.23		2270	
	plastics	epoxy resin	-	19.641	7.04		70360	
	inorganic material	silicondioxide	60676-86-0	106.442	38.13	45.40	381308	453938
leadfinish	non noble metal	tin	7440-31-5	2.024	0.73	0.73	7251	7251
plating	noble metal	silver	7440-22-4	1.541	0.55	0.55	5521	5521
solder	non noble metal	tin	7440-31-5	0.207	0.07		740	
	non noble metal	lead	7439-92-1	3.927	1.41	1.48	14068	14808
*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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