

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IGLD60R070D1	**Issued**	27. April 2022
MA#	MA005725909		
Package	PG-LSON-8-1	**Weight***	278.21 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	6.654	2.39	2.39	23916	23916
leadframe	inorganic material	phosphorus	7723-14-0	0.040	0.01		143	
	non noble metal	zinc	7440-66-6	0.159	0.06		573	
	non noble metal	iron	7439-89-6	3.189	1.15		11462	
	non noble metal	copper	7440-50-8	129.483	46.53	47.75	465416	477594
wire	noble metal	gold	7440-57-5	3.835	1.38	1.38	13783	13783
encapsulation	organic material	carbon black	1333-86-4	0.640	0.23		2302	
	plastics	epoxy resin	-	19.851	7.14		71352	
	inorganic material	silicondioxide	60676-86-0	107.578	38.67	46.04	386680	460334
leadfinish	non noble metal	tin	7440-31-5	2.024	0.73	0.73	7276	7276
plating	noble metal	silver	7440-22-4	1.541	0.55	0.55	5540	5540
solder	non noble metal	tin	7440-31-5	0.161	0.06		578	
	non noble metal	lead	7439-92-1	3.055	1.10	1.16	10979	11557
*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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