



Material Content Data Sheet



Sales Product Name		IGLD60R190D1		Issued		4. July 2019			
MA#		MA004902228							
Package		PG-LSO8-1		Weight*		276.49 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	2.933	1.06	1.06	10609	10609	
leadframe	inorganic material	phosphorus	7723-14-0	0.040	0.01		144		
		non noble metal	zinc	7440-66-6	0.159	0.06		577	
		non noble metal	iron	7439-89-6	3.189	1.15		11534	
wire	noble metal	non noble metal	copper	7440-50-8	129.483	46.83	48.05	468309	480564
		noble metal	gold	7440-57-5	2.367	0.86	0.86	8562	8562
		organic material	carbon black	1333-86-4	0.659	0.24		2383	
encapsulation	plastics	epoxy resin	-	20.424	7.39		73869		
		inorganic material	silicondioxide	60676-86-0	110.685	40.03	47.66	400321	476573
leadfinish	non noble metal	tin	7440-31-5	2.024	0.73	0.73	7321	7321	
plating	noble metal	silver	7440-22-4	1.541	0.56	0.56	5574	5574	
solder	non noble metal	tin	7440-31-5	0.149	0.05		540		
		lead	7439-92-1	2.836	1.03	1.08	10257	10797	
*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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