



Material Content Data Sheet



Sales Product Name		IGLD60R070D1		Issued		14. September 2018			
MA#		MA001956332							
Package		PG-LSON-8-1		Weight*		281.95 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	2.81	2.81	28121	28121	
leadframe	inorganic material	phosphorus	7723-14-0	0.040	0.01		141		
		non noble metal	zinc	7440-66-6	0.159	0.06		566	
		non noble metal	iron	7439-89-6	3.189	1.13		11310	
wire	noble metal	non noble metal	copper	7440-50-8	129.483	45.93	47.13	459247	471264
		noble metal	gold	7440-57-5	3.840	1.36	1.36	13619	13619
		organic material	carbon black	1333-86-4	0.634	0.22		2247	
encapsulation	plastics	epoxy resin	-	19.643	6.97		69668		
		inorganic material	silicondioxide	60676-86-0	106.450	37.76	44.95	377554	449469
leadfinish	non noble metal	tin	7440-31-5	2.024	0.72	0.72	7180	7180	
plating	noble metal	silver	7440-22-4	1.541	0.55	0.55	5467	5467	
solder	non noble metal	tin	7440-31-5	0.351	0.12		1244		
		lead	7439-92-1	6.664	2.36	2.48	23636	24880	
*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 München
Internet	www.infineon.com