



Material Content Data Sheet



Sales Product Name				IGOT60R070D1		Issued		12. February 2019	
MA#				MA004974744					
Package				PG-DSO-20-87		Weight*		2076.62 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	0.38	0.38	3818	3818	
leadframe	inorganic material	phosphorus	7723-14-0	0.389	0.02		187		
	non noble metal	zinc	7440-66-6	1.555	0.07		749		
	non noble metal	iron	7439-89-6	31.107	1.50		14980		
wire	non noble metal	copper	7440-50-8	1263.067	60.81	62.40	608232	624148	
	noble metal	gold	7440-57-5	5.152	0.25	0.25	2481	2481	
	encapsulation	organic material	carbon black	1333-86-4	1.497	0.07		721	
encapsulation	plastics	epoxy resin	-	68.845	3.32		33152		
	inorganic material	silicondioxide	60676-86-0	677.974	32.65	36.04	326479	360352	
leadfinish	non noble metal	tin	7440-31-5	11.123	0.54	0.54	5356	5356	
plating	noble metal	silver	7440-22-4	0.785	0.04	0.04	378	378	
solder	non noble metal	tin	7440-31-5	0.072	0.00		35		
	noble metal	silver	7440-22-4	0.108	0.01		52		
	non noble metal	lead	7439-92-1	7.019	0.34	0.35	3380	3467	
*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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