



Material Content Data Sheet



Sales Product Name		IGOT60R070D1		Issued		9. January 2019		
MA#		MA002027504						
Package		PG-DSO-20-87		Weight*		2090.98 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	6.301	0.30	0.30	3013	3013
leadframe	inorganic material	phosphorus	7723-14-0	0.394	0.02		188	
	non noble metal	iron	7439-89-6	1.312	0.06		628	
	non noble metal	copper	7440-50-8	1310.651	62.68	62.76	626811	627627
	noble metal	gold	7440-57-5	5.161	0.25	0.25	2468	2468
wire	noble metal	gold	7440-57-5	5.161	0.25	0.25	2468	2468
encapsulation	organic material	carbon black	1333-86-4	1.500	0.07		717	
	plastics	epoxy resin	-	69.009	3.30		33003	
	inorganic material	silicondioxide	60676-86-0	679.586	32.50	35.87	325008	358728
leadfinish	non noble metal	tin	7440-31-5	11.123	0.53	0.53	5320	5320
plating	noble metal	silver	7440-22-4	0.785	0.04	0.04	375	375
solder	non noble metal	tin	7440-31-5	0.103	0.00		49	
	noble metal	silver	7440-22-4	0.129	0.01		62	
	non noble metal	lead	7439-92-1	4.930	0.24	0.25	2358	2469
*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