Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IGOT60R070D1	**Issued**	26. August 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	
	non noble metal	copper	7440-50-8	1263.067	60.81	62.40	608232	624148
wire	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	
	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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