

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IGT60R070D1	**Issued**	11. May 2022
MA#	MA005725911		
Package	PG-HSOF-8-3	**Weight***	748.55 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	6.654	0.89	0.89	8889	8889
leadframe	inorganic material	phosphorus	7723-14-0	0.115	0.02		154	
	non noble metal	iron	7439-89-6	0.384	0.05		513	
	non noble metal	copper	7440-50-8	383.643	51.25	51.32	512518	513185
wire	noble metal	gold	7440-57-5	4.506	0.60	0.60	6019	6019
encapsulation	inorganic material	zincoxide	1314-13-2	3.408	0.46		4552	
	miscellaneous	miscellaneous	-	13.630	1.82		18209	
	plastics	epoxy resin	-	51.113	6.83		68284	
	inorganic material	silicondioxide	60676-86-0	272.604	36.42	45.53	364179	455224
leadfinish	non noble metal	tin	7440-31-5	6.177	0.83	0.83	8252	8252
plating	noble metal	silver	7440-22-4	0.785	0.10	0.10	1049	1049
solder	non noble metal	tin	7440-31-5	0.111	0.01		148	
	noble metal	silver	7440-22-4	0.138	0.02		185	
	non noble metal	lead	7439-92-1	5.277	0.70	0.73	7049	7382
*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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