

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IGT60R190D1S	**Issued**	11. May 2021
MA#	MA001643848		
Package	PG-HSOF-8-3	**Weight***	744.95 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	3.741	0.50	0.50	5022	5022
leadframe	inorganic material	phosphorus	7723-14-0	0.115	0.02		155	
	non noble metal	iron	7439-89-6	0.384	0.05		516	
	non noble metal	copper	7440-50-8	383.643	51.50	51.57	514988	515659
wire	noble metal	gold	7440-57-5	2.160	0.29	0.29	2899	2899
encapsulation	inorganic material	zincoxide	1314-13-2	3.436	0.46		4612	
	miscellaneous	miscellaneous	-	13.744	1.84		18450	
	plastics	epoxy resin	-	51.541	6.92		69187	
	inorganic material	silicondioxide	60676-86-0	274.886	36.90	46.12	368996	461245
leadfinish	non noble metal	tin	7440-31-5	6.177	0.83	0.83	8292	8292
plating	noble metal	silver	7440-22-4	0.785	0.11	0.11	1054	1054
solder	non noble metal	tin	7440-31-5	0.087	0.01		117	
	noble metal	silver	7440-22-4	0.109	0.01		146	
	non noble metal	lead	7439-92-1	4.146	0.56	0.58	5566	5829
*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 Neubiberg
Internet	www.infineon.com