



Material Content Data Sheet



Halogen-Free

Sales Product Name	IGT60R070D1	Issued	09. September 2021
MA#	MA002535842		
Package	PG-HSOF-8-3	Weight*	750.00 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	1.06	1.06	10571	10571
leadframe	inorganic material	phosphorus	7723-14-0	0.115	0.02		154	
	non noble metal	iron	7439-89-6	0.384	0.05		512	
	non noble metal	copper	7440-50-8	383.643	51.16	51.23	511526	512192
wire	noble metal	gold	7440-57-5	4.425	0.59	0.59	5901	5901
encapsulation	inorganic material	zinc oxide	1314-13-2	3.394	0.45		4526	
	miscellaneous	miscellaneous	-	13.577	1.81		18103	
	plastics	epoxy resin	-	50.915	6.79		67887	
	inorganic material	silicon dioxide	60676-86-0	271.548	36.21	45.26	362065	452581
lead finish	non noble metal	tin	7440-31-5	6.177	0.82	0.82	8236	8236
plating	noble metal	silver	7440-22-4	0.785	0.10	0.10	1047	1047
solder	non noble metal	tin	7440-31-5	0.142	0.02		189	
	noble metal	silver	7440-22-4	0.178	0.02		237	
	non noble metal	lead	7439-92-1	6.784	0.90	0.94	9046	9472
*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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