



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPT60R028G7	Issued	10. May 2021
MA#	MA001509884		
Package	PG-HSOF-8-2	Weight*	769.94 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.237	0.03		308	
	noble metal	gold	7440-57-5	0.920	0.12		1195	
	inorganic material	silicon	7440-21-3	7.219	0.94	1.09	9376	10879
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		164	
	non noble metal	iron	7439-89-6	0.421	0.05		546	
	non noble metal	copper	7440-50-8	420.040	54.56	54.63	545549	546259
wire	non noble metal	aluminium	7429-90-5	9.044	1.17	1.17	11747	11747
encapsulation	inorganic material	zincoxide	1314-13-2	3.249	0.42		4220	
	miscellaneous	miscellaneous	-	12.997	1.69		16881	
	plastics	epoxy resin	-	48.739	6.33		63302	
	inorganic material	silicondioxide	60676-86-0	259.941	33.76	42.20	337612	422015
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8415	8415
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	683	685
*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 does not use any exemption.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com