



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPT60R050G7	<b>Issued</b>	10. May 2021
<b>MA#</b>	MA001616626		
<b>Package</b>	PG-HSOF-8-2	<b>Weight*</b>	768.16 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	0.139	0.02		180	
	noble metal	gold	7440-57-5	0.537	0.07		699	
	inorganic material	silicon	7440-21-3	4.215	0.55	0.64	5487	6366
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		164	
	non noble metal	iron	7439-89-6	0.421	0.05		548	
	non noble metal	copper	7440-50-8	420.040	54.68	54.75	546815	547527
wire	non noble metal	aluminium	7429-90-5	6.097	0.79	0.79	7938	7938
encapsulation	inorganic material	zinc oxide	1314-13-2	3.296	0.43		4290	
	miscellaneous	miscellaneous	-	13.183	1.72		17162	
	plastics	epoxy resin	-	49.436	6.44		64357	
	inorganic material	silicon dioxide	60676-86-0	263.661	34.32	42.91	343239	429048
lead finish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8434	8434
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	685	687
*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.
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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.

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