



## Material Content Data Sheet



<b>Sales Product Name</b>		IPT60R050G7		<b>Issued</b>		19. January 2018		
<b>MA#</b>		MA001616626						
<b>Package</b>		PG-HSOF-8-2		<b>Weight*</b>		766.96 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		181	
	noble metal	gold	7440-57-5	0.537	0.07		700	
	inorganic material	silicon	7440-21-3	4.215	0.55	0.64	5495	6376
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		165	
	non noble metal	iron	7439-89-6	0.421	0.05		548	
	non noble metal	copper	7440-50-8	420.040	54.77	54.84	547669	548382
wire	non noble metal	aluminium	7429-90-5	4.900	0.64	0.64	6389	6389
encapsulation	organic material	carbon black	1333-86-4	4.944	0.64		6446	
	plastics	epoxy resin	-	54.380	7.09		70903	
	inorganic material	silicondioxide	60676-86-0	270.253	35.24	42.97	352368	429717
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8448	8448
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	686	688
*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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