



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPT60R102G7	Issued	10. May 2021
MA#	MA001509916		
Package	PG-HSOF-8-2	Weight*	766.70 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	0.073	0.01		96	
	noble metal	gold	7440-57-5	0.285	0.04		372	
	inorganic material	silicon	7440-21-3	2.235	0.29	0.34	2916	3384
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		165	
	non noble metal	iron	7439-89-6	0.421	0.05		549	
	non noble metal	copper	7440-50-8	420.040	54.80	54.87	547855	548569
wire	non noble metal	aluminium	7429-90-5	3.159	0.41	0.41	4120	4120
encapsulation	inorganic material	zinc oxide	1314-13-2	3.334	0.43		4348	
	miscellaneous	miscellaneous	-	13.334	1.74		17392	
	plastics	epoxy resin	-	50.003	6.52		65218	
	inorganic material	silicon dioxide	60676-86-0	266.683	34.78	43.47	347831	434789
lead finish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8450	8450
plating	inorganic material	phosphorus	7723-14-0	0.001			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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