



Material Content Data Sheet



Sales Product Name		IPT60R102G7		Issued		1. August 2018		
MA#		MA001509916						
Package		PG-HSOF-8-2		Weight*		766.08 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	2918	3386
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	54.83	54.90	548299	549013
wire	non noble metal	aluminium	7429-90-5	2.539	0.33	0.33	3314	3314
encapsulation	organic material	carbon black	1333-86-4	5.000	0.65		6527	
	plastics	epoxy resin	-	55.003	7.18		71798	
	inorganic material	silicondioxide	60676-86-0	273.350	35.68	43.51	356816	435141
leadfinish	non noble metal	tin	7440-31-5	6.479	0.85	0.85	8457	8457
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	687	689
*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

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