



Material Content Data Sheet



Sales Product Name		IPAW70R950CE		Issued		31. July 2018		
MA#		MA001823590						
Package		PG-TO220-3-315		Weight*		1842.12 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	2.509	0.14	0.14	1362	1362
leadframe	inorganic material	phosphorus	7723-14-0	0.190	0.01		103	
	non noble metal	iron	7439-89-6	0.632	0.03		343	
	non noble metal	copper	7440-50-8	630.863	34.25	34.29	342465	342911
	non noble metal	aluminium	7429-90-5	0.784	0.04	0.04	426	426
wire	non noble metal	aluminium	7429-90-5	0.784	0.04	0.04	426	426
encapsulation	organic material	carbon black	1333-86-4	13.398	0.73		7273	
	plastics	epoxy resin	-	229.045	12.43		124338	
	inorganic material	silicondioxide	60676-86-0	955.191	51.86	65.02	518528	650139
leadfinish	non noble metal	tin	7440-31-5	7.729	0.42	0.42	4196	4196
solder	non noble metal	antimony	7440-36-0	0.178	0.01		97	
	noble metal	silver	7440-22-4	0.445	0.02		241	
	non noble metal	tin	7440-31-5	1.156	0.06	0.09	628	966
*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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