



Material Content Data Sheet



Sales Product Name		IPAW60R180P7S		Issued		22. January 2018		
MA#		MA001610906						
Package		PG-TO220-3-315		Weight*		1860.63 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	4.174	0.22	0.22	2243	2243
leadframe	non noble metal	iron	7439-89-6	0.632	0.03		340	
	inorganic material	phosphorus	7723-14-0	0.190	0.01		102	
	non noble metal	copper	7440-50-8	630.863	33.91	33.95	339058	339500
wire	non noble metal	aluminium	7429-90-5	2.931	0.16	0.16	1575	1575
encapsulation	organic material	carbon black	1333-86-4	14.901	0.80		8009	
	plastics	epoxy resin	-	233.135	12.53		125299	
	inorganic material	silicondioxide	60676-86-0	963.583	51.79	65.12	517879	651187
leadfinish	non noble metal	tin	7440-31-5	7.729	0.42	0.42	4154	4154
solder	non noble metal	antimony	7440-36-0	0.250	0.01		134	
	noble metal	silver	7440-22-4	0.624	0.03		335	
	non noble metal	tin	7440-31-5	1.623	0.09	0.13	872	1341
*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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