



Material Content Data Sheet



Sales Product Name		IPAW60R280CE		Issued		24. January 2018		
MA#		MA001418670						
Package		PG-TO220-3-315		Weight*		1864.04 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	5.826	0.31	0.31	3125	3125
leadframe	non noble metal	iron	7439-89-6	0.632	0.03		339	
	inorganic material	phosphorus	7723-14-0	0.190	0.01		102	
	non noble metal	copper	7440-50-8	630.863	33.84	33.88	338439	338880
wire	non noble metal	aluminium	7429-90-5	2.976	0.16	0.16	1596	1596
encapsulation	organic material	carbon black	1333-86-4	15.335	0.82		8227	
	plastics	epoxy resin	-	233.786	12.54		125419	
	inorganic material	silicondioxide	60676-86-0	963.583	51.71	65.07	516933	650579
leadfinish	non noble metal	tin	7440-31-5	7.729	0.41	0.41	4147	4147
solder	non noble metal	antimony	7440-36-0	0.312	0.02		167	
	noble metal	silver	7440-22-4	0.780	0.04		418	
	non noble metal	tin	7440-31-5	2.028	0.11	0.17	1088	1673
*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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