



Material Content Data Sheet



Sales Product Name		IPW60R090CFD7		Issued		2. August 2018		
MA#		MA001839710						
Package		PG-TO247-3-44		Weight*		6048.72 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	7.589	0.13	0.13	1255	1255
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
wire	non noble metal	copper	7440-50-8	529.068	8.75	8.76	87468	87582
	non noble metal	aluminium	7429-90-5	8.142	0.13	0.13	1346	1346
encapsulation	organic material	carbon black	1333-86-4	19.961	0.33		3300	
	plastics	epoxy resin	-	379.253	6.27		62700	
leadfinish	inorganic material	silicondioxide	60676-86-0	1596.853	26.40	33.00	263998	329998
	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5270	5270
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4805	4805
solder	non noble metal	antimony	7440-36-0	0.375	0.01		62	
	noble metal	silver	7440-22-4	0.937	0.02		155	
heatspreader	non noble metal	tin	7440-31-5	2.435	0.04	0.07	403	620
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3438.006	56.82	56.90	568384	569124
*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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