



Material Content Data Sheet



Sales Product Name		IPW60R070P6		Issued		20. July 2018		
MA#		MA001114914						
Package		PG-TO247-3-44		Weight*		6063.12 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	21.341	0.35	0.35	3520	3520
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		87	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.73	8.74	87260	87373
wire	non noble metal	aluminium	7429-90-5	82.065	1.35	1.35	13535	13535
encapsulation	organic material	carbon black	1333-86-4	19.182	0.32		3164	
	plastics	epoxy resin	-	364.457	6.01		60110	
	inorganic material	silicondioxide	60676-86-0	1534.557	25.31	31.64	253097	316371
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5257	5257
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4794	4794
solder	non noble metal	antimony	7440-36-0	0.834	0.01		138	
	noble metal	silver	7440-22-4	2.085	0.03		344	
	non noble metal	tin	7440-31-5	5.420	0.09	0.13	894	1376
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		568	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	copper	7440-50-8	3438.006	56.70	56.78	567036	567774
*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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