



## Material Content Data Sheet



<b>Sales Product Name</b>				IPW60R099C6		<b>Issued</b>		19. July 2018	
<b>MA#</b>				MA001136576					
<b>Package</b>				PG-TO247-3-44		<b>Weight*</b>		6051.25 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	14.444	0.24	0.24	2387	2387	
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		88		
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26		
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87431	87545	
wire	non noble metal	aluminium	7429-90-5	4.066	0.07	0.07	672	672	
encapsulation	organic material	carbon black	1333-86-4	19.934	0.33		3294		
	plastics	epoxy resin	-	378.754	6.26		62591		
	inorganic material	silicondioxide	60676-86-0	1594.752	26.35	32.94	263541	329426	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5267	5267	
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4803	4803	
solder	non noble metal	antimony	7440-36-0	0.612	0.01		101		
	noble metal	silver	7440-22-4	1.530	0.03		253		
	non noble metal	tin	7440-31-5	3.977	0.07	0.11	657	1011	
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		569		
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171		
	non noble metal	copper	7440-50-8	3438.006	56.80	56.88	568149	568889	
*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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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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