



## Material Content Data Sheet



<b>Sales Product Name</b>				IPI60R385CP		<b>Issued</b>		19. July 2018	
<b>MA#</b>				MA001393254					
<b>Package</b>				PG-TO262-3-22		<b>Weight*</b>		1563.99 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	5.064	0.32	0.32	3238	3238	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		544		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163		
	non noble metal	copper	7440-50-8	849.682	54.33	54.40	543280	543987	
wire	non noble metal	aluminium	7429-90-5	0.681	0.04	0.04	435	435	
encapsulation	organic material	carbon black	1333-86-4	2.326	0.15		1487		
	plastics	epoxy resin	-	67.445	4.31		43124		
	inorganic material	silicondioxide	60676-86-0	511.653	32.71	37.17	327146	371757	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9717	9717	
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1055	1055	
solder	non noble metal	antimony	7440-36-0	0.284	0.02		181		
	noble metal	silver	7440-22-4	0.709	0.05		453		
	non noble metal	tin	7440-31-5	1.844	0.12	0.19	1179	1813	
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		68		
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	copper	7440-50-8	106.210	6.79	6.80	67910	67998	
*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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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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