



## Material Content Data Sheet



<b>Sales Product Name</b>		IPI60R385CP		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001795072						
<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	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		544	
wire	non noble metal	copper	7440-50-8	849.682	54.33	54.40	543279	543986
	non noble metal	aluminium	7429-90-5	0.692	0.04	0.04	442	442
encapsulation	organic material	carbon black	1333-86-4	2.326	0.15		1487	
	plastics	epoxy resin	-	67.444	4.31		43123	
leadfinish	inorganic material	silicondioxide	60676-86-0	511.644	32.71	37.17	327141	371751
	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	
heatspreader	non noble metal	tin	7440-31-5	1.844	0.12	0.19	1179	1813
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
*deviation	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.79	6.80	67910	67998
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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