



## Material Content Data Sheet



<b>Sales Product Name</b>				IPU60R2K1CE		<b>Issued</b>		1. August 2018	
<b>MA#</b>				MA001591810					
<b>Package</b>				PG-TO251-3-345		<b>Weight*</b>		384.58 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	1.272	0.33	0.33	3306	3306	
leadframe	inorganic material	phosphorus	7723-14-0	0.063	0.02		163		
	non noble metal	iron	7439-89-6	0.209	0.05		542		
	non noble metal	copper	7440-50-8	208.238	54.15	54.22	541462	542167	
	non noble metal	aluminium	7429-90-5	0.451	0.12	0.12	1171	1171	
wire	non noble metal	aluminium	7429-90-5	0.451	0.12	0.12	1171	1171	
encapsulation	organic material	carbon black	1333-86-4	0.704	0.18		1830		
	plastics	epoxy resin	-	19.003	4.94		49411		
	inorganic material	silicondioxide	60676-86-0	121.054	31.48	36.60	314768	366009	
leadfinish	non noble metal	tin	7440-31-5	7.055	1.83	1.83	18344	18344	
solder	non noble metal	tin	7440-31-5	0.033	0.01		85		
	noble metal	silver	7440-22-4	0.041	0.01		106		
	non noble metal	lead	7439-92-1	1.553	0.40	0.42	4038	4229	
heatspreader	inorganic material	phosphorus	7723-14-0	0.007	0.00		19		
	non noble metal	iron	7439-89-6	0.025	0.01		65		
	non noble metal	copper	7440-50-8	24.879	6.47	6.48	64690	64774	
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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