



Material Content Data Sheet



Sales Product Name		IPU80R2K8CE		Issued		20. July 2018			
MA#		MA001604946							
Package		PG-TO251-3-341		Weight*		368.84 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	2.280	0.62	0.62	6181	6181	
leadframe	non noble metal	iron	7439-89-6	0.229	0.06		622		
	inorganic material	phosphorus	7723-14-0	0.069	0.02		186		
	non noble metal	copper	7440-50-8	228.946	62.07	62.15	620724	621532	
wire	non noble metal	aluminium	7429-90-5	0.399	0.11	0.11	1081	1081	
encapsulation	organic material	carbon black	1333-86-4	0.391	0.11		1060		
	plastics	epoxy resin	-	11.860	3.22		32155		
	inorganic material	silicondioxide	60676-86-0	118.079	32.01	35.34	320138	353353	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.01	1.01	10140	10140	
plating	non noble metal	nickel	7440-02-0	0.509	0.14	0.14	1380	1380	
solder	noble metal	silver	7440-22-4	0.058	0.02		158		
	non noble metal	tin	7440-31-5	0.047	0.01		127		
	non noble metal	lead	7439-92-1	2.231	0.60	0.63	6048	6333	
*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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