



Material Content Data Sheet



Sales Product Name		IPU60R2K1CE		Issued		25. January 2018		
MA#		MA001705020						
Package		PG-TO251-3-345		Weight*		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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