



Material Content Data Sheet



Sales Product Name		IPU80R3K3P7		Issued		24. January 2018		
MA#		MA001657658						
Package		PG-TO251-3-341		Weight*		367.77 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	0.834	0.23	0.23	2268	2268
leadframe	inorganic material	phosphorus	7723-14-0	0.069	0.02		187	
	non noble metal	iron	7439-89-6	0.229	0.06		623	
	non noble metal	copper	7440-50-8	228.946	62.24	62.32	622530	623340
	non noble metal	aluminium	7429-90-5	0.125	0.03	0.03	341	341
wire	non noble metal	aluminium	7429-90-5	0.125	0.03	0.03	341	341
encapsulation	organic material	carbon black	1333-86-4	0.396	0.11		1077	
	plastics	epoxy resin	-	12.016	3.27		32672	
	inorganic material	silicondioxide	60676-86-0	119.628	32.53	35.91	325281	359030
leadfinish	non noble metal	tin	7440-31-5	3.740	1.02	1.02	10170	10170
plating	non noble metal	nickel	7440-02-0	0.509	0.14	0.14	1384	1384
solder	non noble metal	tin	7440-31-5	0.026	0.01		69	
	noble metal	silver	7440-22-4	0.032	0.01		87	
	non noble metal	lead	7439-92-1	1.218	0.33	0.35	3311	3467
*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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