



Material Content Data Sheet



Sales Product Name		IPU80R750P7		Issued		19. January 2018		
MA#		MA001652280						
Package		PG-TO251-3-341		Weight*		387.89 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	2.170	0.56	0.56	5595	5595
leadframe	inorganic material	phosphorus	7723-14-0	0.075	0.02		192	
	non noble metal	iron	7439-89-6	0.248	0.06		641	
	non noble metal	copper	7440-50-8	248.124	63.98	64.06	639672	640505
	non noble metal	aluminium	7429-90-5	0.421	0.11	0.11	1085	1085
wire	non noble metal	aluminium	7429-90-5	0.421	0.11	0.11	1085	1085
encapsulation	organic material	carbon black	1333-86-4	0.391	0.10		1009	
	plastics	epoxy resin	-	11.870	3.06		30600	
	inorganic material	silicondioxide	60676-86-0	118.174	30.47	33.63	304655	336264
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9642	9642
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1312	1312
solder	non noble metal	tin	7440-31-5	0.043	0.01		112	
	noble metal	silver	7440-22-4	0.054	0.01		140	
	non noble metal	lead	7439-92-1	2.073	0.53	0.55	5345	5597
*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.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com