



Material Content Data Sheet



Sales Product Name		IPU80R600P7		Issued		24. January 2018		
MA#		MA001649866						
Package		PG-TO251-3-341		Weight*		388.18 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	2.570	0.66	0.66	6620	6620
leadframe	inorganic material	phosphorus	7723-14-0	0.075	0.02		192	
	non noble metal	iron	7439-89-6	0.248	0.06		640	
	non noble metal	copper	7440-50-8	248.124	63.92	64.00	639194	640026
	non noble metal	aluminium	7429-90-5	0.858	0.22	0.22	2210	2210
wire	non noble metal	aluminium	7429-90-5	0.858	0.22	0.22	2210	2210
encapsulation	organic material	carbon black	1333-86-4	0.389	0.10		1002	
	plastics	epoxy resin	-	11.796	3.04		30389	
	inorganic material	silicondioxide	60676-86-0	117.445	30.26	33.40	302552	333943
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9635	9635
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1311	1311
solder	non noble metal	tin	7440-31-5	0.049	0.01		125	
	noble metal	silver	7440-22-4	0.061	0.02		156	
	non noble metal	lead	7439-92-1	2.319	0.60	0.63	5974	6255
*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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