



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPU80R1K2P7	Issued	11. May 2021
MA#	MA001652344		
Package	PG-TO251-3-341	Weight*	387.64 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	1.666	0.43	0.43	4298	4298
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	64.02	64.10	640090	640923
wire	non noble metal	aluminium	7429-90-5	0.410	0.11	0.11	1058	1058
encapsulation	organic material	carbon black	1333-86-4	0.393	0.10		1013	
	plastics	epoxy resin	-	11.915	3.07		30738	
	inorganic material	silicondioxide	60676-86-0	118.628	30.60	33.77	306027	337778
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9648	9648
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1313	1313
solder	non noble metal	tin	7440-31-5	0.039	0.01		100	
	noble metal	silver	7440-22-4	0.048	0.01		125	
	non noble metal	lead	7439-92-1	1.844	0.48	0.50	4757	4982
*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 Neubiberg
Internet	www.infineon.com