

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPU95R450P7	**Issued**	27. April 2022
MA#	MA005737348		
Package	PG-TO251-3-23	**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	5.042	1.30	1.30	13006	13006
leadframe	inorganic material	phosphorus	7723-14-0	0.070	0.02		181	
	non noble metal	iron	7439-89-6	0.233	0.06		602	
	non noble metal	copper	7440-50-8	233.116	60.13	60.21	601367	602150
wire	non noble metal	aluminium	7429-90-5	2.250	0.58	0.58	5806	5806
encapsulation	organic material	carbon black	1333-86-4	0.408	0.11		1051	
	plastics	epoxy resin	-	15.894	4.10		41001	
	inorganic material	silicondioxide	60676-86-0	119.544	30.84	35.05	308386	350438
leadfinish	non noble metal	tin	7440-31-5	7.055	1.82	1.82	18199	18199
solder	non noble metal	tin	7440-31-5	0.081	0.02		208	
	noble metal	silver	7440-22-4	0.101	0.03		260	
	non noble metal	lead	7439-92-1	3.851	0.99	1.04	9933	10401
*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