

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPS80R900P7	**Issued**	27. April 2022
MA#	MA005730262		
Package	PG-TO251-3-344	**Weight***	335.49 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	2.033	0.61	0.61	6060	6060
leadframe	inorganic material	phosphorus	7723-14-0	0.053	0.02		159	
	non noble metal	iron	7439-89-6	0.177	0.05		528	
	non noble metal	copper	7440-50-8	177.021	52.77	52.84	527649	528336
wire	non noble metal	aluminium	7429-90-5	0.585	0.17	0.17	1744	1744
encapsulation	organic material	carbon black	1333-86-4	0.446	0.13		1329	
	plastics	epoxy resin	-	13.528	4.03		40325	
	inorganic material	silicondioxide	60676-86-0	134.690	40.15	44.31	401475	443129
leadfinish	non noble metal	tin	7440-31-5	4.142	1.23	1.23	12346	12346
plating	non noble metal	nickel	7440-02-0	0.607	0.18	0.18	1809	1809
solder	non noble metal	tin	7440-31-5	0.044	0.01		132	
	noble metal	silver	7440-22-4	0.055	0.02		164	
	non noble metal	lead	7439-92-1	2.107	0.63	0.66	6280	6576
*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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