



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPS80R900P7	<b>Issued</b>	13. May 2021
<b>MA#</b>	MA002116524		
<b>Package</b>	PG-TO251-3-344	<b>Weight*</b>	334.63 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	6076	6076
leadframe	inorganic material	phosphorus	7723-14-0	0.046	0.01		138	
	non noble metal	iron	7439-89-6	0.154	0.05		461	
	non noble metal	copper	7440-50-8	154.154	46.08	46.14	460666	461265
wire	non noble metal	aluminium	7429-90-5	0.479	0.14	0.14	1432	1432
encapsulation	organic material	carbon black	1333-86-4	0.444	0.13		1326	
	plastics	epoxy resin	-	13.462	4.02		40230	
	inorganic material	silicon dioxide	60676-86-0	134.030	40.05	44.20	400529	442085
leadfinish	non noble metal	tin	7440-31-5	4.142	1.24	1.24	12378	12378
plating	non noble metal	nickel	7440-02-0	0.607	0.18	0.18	1813	1813
solder	non noble metal	tin	7440-31-5	0.044	0.01		131	
	noble metal	silver	7440-22-4	0.055	0.02		163	
	non noble metal	lead	7439-92-1	2.086	0.62	0.65	6234	6528
heatspreader	inorganic material	phosphorus	7723-14-0	0.007			21	
	non noble metal	iron	7439-89-6	0.023	0.01		68	
	non noble metal	copper	7440-50-8	22.867	6.83	6.84	68334	68423
*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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