



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPLK80R900P7	<b>Issued</b>	09. February 2022
<b>MA#</b>	MA005552141		
<b>Package</b>	PG-TDSON-8-52	<b>Weight*</b>	94.70 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	2.15	2.15	21469	21469
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.01		137	
	non noble metal	iron	7439-89-6	0.043	0.05		457	
	non noble metal	copper	7440-50-8	43.219	45.63	45.69	456381	456975
wire	non noble metal	copper	7440-50-8	0.414	0.44	0.44	4375	4375
encapsulation	inorganic material	zinc oxide	1314-13-2	0.452	0.48		4775	
	miscellaneous	miscellaneous	-	1.809	1.91		19100	
	plastics	epoxy resin	-	6.783	7.16		71625	
	inorganic material	silicon dioxide	60676-86-0	36.175	38.20	47.75	381999	477499
lead finish	non noble metal	tin	7440-31-5	1.319	1.39	1.39	13928	13928
plating	noble metal	silver	7440-22-4	0.217	0.23	0.23	2290	2290
solder	non noble metal	tin	7440-31-5	0.044	0.05		469	
	noble metal	silver	7440-22-4	0.056	0.06		587	
	non noble metal	lead	7439-92-1	2.122	2.24	2.35	22408	23464
*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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