



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPLK70R900P7	<b>Issued</b>	21. July 2021
<b>MA#</b>	MA005560240		
<b>Package</b>	PG-TDSON-8-52	<b>Weight*</b>	94.09 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	1.203	1.28	1.28	12787	12787
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.01		138	
	non noble metal	iron	7439-89-6	0.043	0.05		460	
	non noble metal	copper	7440-50-8	43.219	45.95	46.01	459354	459952
wire	non noble metal	copper	7440-50-8	0.471	0.50	0.50	5008	5008
encapsulation	inorganic material	zinc oxide	1314-13-2	0.460	0.49		4889	
	miscellaneous	miscellaneous	-	1.840	1.96		19557	
	plastics	epoxy resin	-	6.900	7.33		73338	
	inorganic material	silicon dioxide	60676-86-0	36.801	39.11	48.89	391137	488921
lead finish	non noble metal	tin	7440-31-5	1.319	1.40	1.40	14018	14018
plating	noble metal	silver	7440-22-4	0.217	0.23	0.23	2305	2305
solder	non noble metal	tin	7440-31-5	0.032	0.03		340	
	noble metal	silver	7440-22-4	0.040	0.04		425	
	non noble metal	lead	7439-92-1	1.528	1.62	1.69	16244	17009
*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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