



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPLK80R1K4P7	<b>Issued</b>	09. February 2022
<b>MA#</b>	MA005552165		
<b>Package</b>	PG-TDSON-8-52	<b>Weight*</b>	94.30 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	1.500	1.59	1.59	15902	15902
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.01		138	
	non noble metal	iron	7439-89-6	0.043	0.05		459	
	non noble metal	copper	7440-50-8	43.219	45.84	45.90	458326	458923
wire	non noble metal	copper	7440-50-8	0.421	0.45	0.45	4460	4460
encapsulation	inorganic material	zinc oxide	1314-13-2	0.457	0.48		4849	
	miscellaneous	miscellaneous	-	1.829	1.94		19396	
	plastics	epoxy resin	-	6.859	7.27		72735	
	inorganic material	silicon dioxide	60676-86-0	36.580	38.79	48.48	387920	484900
lead finish	non noble metal	tin	7440-31-5	1.319	1.40	1.40	13987	13987
plating	noble metal	silver	7440-22-4	0.217	0.23	0.23	2300	2300
solder	non noble metal	tin	7440-31-5	0.037	0.04		391	
	noble metal	silver	7440-22-4	0.046	0.05		488	
	non noble metal	lead	7439-92-1	1.759	1.86	1.95	18649	19528
*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