



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPLK60R360PFD7	<b>Issued</b>	25. June 2021
<b>MA#</b>	MA005557755		
<b>Package</b>	PG-TDSON-8-52	<b>Weight*</b>	95.05 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	2.444	2.57	2.57	25709	25709
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.01		137	
	non noble metal	iron	7439-89-6	0.043	0.05		455	
	non noble metal	copper	7440-50-8	43.219	45.47	45.53	454720	455312
wire	non noble metal	copper	7440-50-8	0.488	0.51	0.51	5136	5136
encapsulation	inorganic material	zinc oxide	1314-13-2	0.448	0.47		4715	
	miscellaneous	miscellaneous	-	1.793	1.89		18862	
	plastics	epoxy resin	-	6.723	7.07		70731	
	inorganic material	silicon dioxide	60676-86-0	35.855	37.72	47.15	377233	471541
lead finish	non noble metal	tin	7440-31-5	1.319	1.39	1.39	13877	13877
plating	noble metal	silver	7440-22-4	0.217	0.23	0.23	2282	2282
solder	non noble metal	tin	7440-31-5	0.050	0.05		523	
	noble metal	silver	7440-22-4	0.062	0.07		654	
	non noble metal	lead	7439-92-1	2.373	2.50	2.62	24966	26143
*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