

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPLK80R1K2P7	**Issued**	22. April 2022
MA#	MA005552156		
Package	PG-TDSON-8-52	**Weight***	94.42 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	1.666	1.76	1.76	17643	17643
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.01		137	
	non noble metal	iron	7439-89-6	0.043	0.05		458	
	non noble metal	copper	7440-50-8	43.219	45.77	45.83	457727	458322
wire	non noble metal	copper	7440-50-8	0.412	0.44	0.44	4366	4366
encapsulation	inorganic material	zincoxide	1314-13-2	0.456	0.48		4826	
	miscellaneous	miscellaneous	-	1.823	1.93		19304	
	plastics	epoxy resin	-	6.835	7.24		72390	
	inorganic material	silicondioxide	60676-86-0	36.455	38.61	48.26	386082	482602
leadfinish	non noble metal	tin	7440-31-5	1.319	1.40	1.40	13969	13969
plating	noble metal	silver	7440-22-4	0.217	0.23	0.23	2297	2297
solder	non noble metal	tin	7440-31-5	0.039	0.04		416	
	noble metal	silver	7440-22-4	0.049	0.05		520	
	non noble metal	lead	7439-92-1	1.876	1.99	2.08	19865	20801
*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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