



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPLK70R1K2P7	Issued	21. July 2021
MA#	MA005562693		
Package	PG-TDSON-8-52	Weight*	93.84 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	0.997	1.06	1.06	10630	10630
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.01		138	
	non noble metal	iron	7439-89-6	0.043	0.05		461	
	non noble metal	copper	7440-50-8	43.219	46.06	46.12	460557	461156
wire	non noble metal	copper	7440-50-8	0.380	0.40	0.40	4047	4047
encapsulation	inorganic material	zinc oxide	1314-13-2	0.462	0.49		4925	
	miscellaneous	miscellaneous	-	1.849	1.97		19701	
	plastics	epoxy resin	-	6.933	7.39		73880	
	inorganic material	silicon dioxide	60676-86-0	36.976	39.40	49.25	394027	492533
lead finish	non noble metal	tin	7440-31-5	1.319	1.41	1.41	14055	14055
plating	noble metal	silver	7440-22-4	0.217	0.23	0.23	2311	2311
solder	non noble metal	tin	7440-31-5	0.029	0.03		305	
	noble metal	silver	7440-22-4	0.036	0.04		382	
	non noble metal	lead	7439-92-1	1.368	1.46	1.53	14581	15268
*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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